



- Agriculture and Plant Science
- Food Science, Health and Nutrition
- Biochemistry, Genetics, Biotechnology and Molecular Biology
- Environmental Sciences
- Energy
- Earth and Planetary Sciences
- Sports and Rehabilitation Medicine
- Engineering and Technology
- Chemistry
- Physics
- Computer and Information Science
- Education
- Business and Management
- Tourism and Hospitality
- Media and Communication Studies

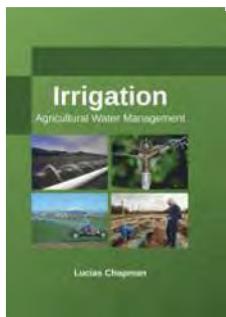
# Contents

<b>Agriculture and Plant Science .....</b>	<b>1</b>
Agricultural Sciences.....	1
Agronomy .....	1
Soil Science .....	4
Horticulture.....	4
Botany and Plant Science.....	4
Fisheries and Aquaculture .....	6
Livestock Management and Dairy Farming.....	6
<b>Food Science, Health and Nutrition.....</b>	<b>8</b>
Food Science .....	8
Nutrition.....	9
<b>Veterinary Science and Medicine .....</b>	<b>10</b>
Veterinary Science and Medicine .....	10
<b>Zoology .....</b>	<b>11</b>
Zoology .....	11
<b>Biochemistry, Genetics, Biotechnology and Molecular Biology .....</b>	<b>12</b>
Biochemistry .....	12
Biotechnology.....	13
Genetics .....	14
Molecular Biology and Microbiology .....	15
<b>Biological Sciences .....</b>	<b>17</b>
Biological Sciences.....	17
Evolutionary Biology .....	17
Botany.....	18
Marine Biology.....	18
Zoology .....	18
Cell Biology .....	19
Computational Biology .....	19
<b>Environmental Sciences .....</b>	<b>20</b>
Environmental Sciences .....	20
Ecology .....	21
Ecosystems .....	22
Forestry.....	22
Pollution .....	23
Climate and Weather.....	25
Sustainability.....	26
Waste Management .....	26
Water Resource Management .....	27
Landscape Architecture.....	28
<b>Energy .....</b>	<b>29</b>
Energy .....	29
Renewable Energy .....	30
Biofuels.....	31
Petroleum Engineering.....	32
<b>Earth and Planetary Sciences .....</b>	<b>33</b>
Earth and Planetary Sciences .....	33
Natural Disasters and Management .....	34
Geology and Geography .....	35
Oceanography .....	37
<b>Sports and Rehabilitation Medicine .....</b>	<b>38</b>
Sports and Rehabilitation Medicine .....	38
<b>Complementary and Alternative Medicine .....</b>	<b>39</b>
Complementary and Alternative Medicine.....	39
<b>Engineering and Technology .....</b>	<b>40</b>
Engineering and Technology .....	40
Mechanical Engineering.....	40
Industrial Engineering .....	42
Civil Engineering.....	43
Aerospace Engineering .....	43
Vehicular Engineering .....	43
Electrical and Electronic Engineering .....	45
Mobile, Wireless and Telecommunications	
Engineering .....	46
Signal Processing.....	49
Robotics .....	49
Chemical Engineering.....	49
Nanotechnology .....	50
Lasers.....	50
Optics.....	50
Control Theory .....	51
Geographic Information Systems.....	51
<b>Chemistry .....</b>	<b>52</b>
Chemistry .....	52
Physical Chemistry .....	53
Organic Chemistry .....	54
<b>Physics.....</b>	<b>55</b>
Physics .....	55
Optics .....	57
<b>Materials Science .....</b>	<b>58</b>
Materials Science .....	58
Nanotechnology .....	59
<b>Mathematics and Statistics .....</b>	<b>60</b>
Mathematics .....	60
Statistics .....	61
<b>Computer and Information Science .....</b>	<b>62</b>
Computer and Information Science .....	62
Software Engineering .....	64
Artificial Intelligence .....	66
<b>Business and Management .....</b>	<b>67</b>
Business Management and Economics .....	67
Marketing Management .....	72
Human Resource Management .....	73
Accounting and Finance .....	74
Supply Chain Management .....	74
Information and Knowledge Engineering .....	75
<b>Tourism and Hospitality .....</b>	<b>76</b>
Tourism and Hospitality .....	76
<b>Education .....</b>	<b>77</b>
Education .....	77
E-Learning, Knowledge Management and Education Research .....	78
Vocational Education .....	79
English Language and Learning .....	79
<b>Media and Communication Studies .....</b>	<b>80</b>
Media and Communication Studies .....	80
<b>Social Sciences .....</b>	<b>81</b>
Social Sciences .....	81
Urban Studies .....	81
<b>List of Titles .....</b>	<b>83</b>

# Agriculture and Plant Science

## Irrigation: Agricultural Water Management

This book provides comprehensive insights into the field of irrigation management. It talks extensively about the importance of water management, especially in an activity like irrigation. As fresh water is a limited resource, conservation of water should be a priority. Water management refers to managing, distribution, planning and development of technology in order to optimally utilize the water resources. As irrigation is an activity involving manual exploitation of water, therefore, the conservation of water becomes very important. This book provides detailed information about these topics and many others as well. It attempts to understand the various methodologies that fall under the practice of irrigation and their relevance in a modern world. For all those who are interested in this topic, this text can prove to be an essential guide.



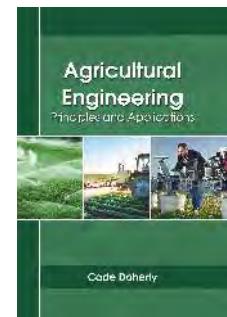
**Lucias Chapman**

ISBN: 978-1-63549-289-7 | \$147.00 US | Year 2017

Book Size: 7.75"x10.5" | 317pp./Colored | Hardback

## Agricultural Engineering: Principles and Applications

The aim of this text is to present the topic of agricultural engineering in the most comprehensive way. It talks about the different methods and concepts in this area. Agricultural engineering deals with the design and creation of technologies and systems that regulate as well as improve existing utilization of resources and irrigation practices. The topics covered in this textbook offer the readers new insights into the field of agricultural engineering. It picks up individual branches and explains their need and contribution in the context of the growth of this field. Coherent flow of topics, student-friendly language and extensive use of examples make this book an invaluable source of knowledge.



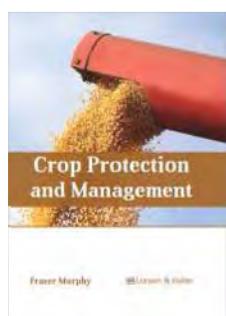
**Cade Doherty**

ISBN: 978-1-63549-017-6 | \$142.00 US | Year 2017

Book Size: 7"x10" | 299pp./Colored | Hardback

## Crop Protection and Management

Crop management is the practice of using various techniques and methods to increase crop yield, better crop quality, improve growth and development of crops. Different crops require different managing techniques, determined by their biological characteristics and climatic requirements. This book includes detailed information about the various methods that can be used to manage different crops. It provides the readers with extensive material to understand the concepts and applications of crop management. It aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.



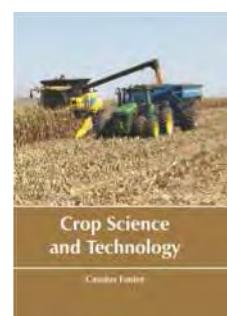
**Frazer Murphy**

ISBN: 978-1-63549-079-4 | \$130.00 US | Year 2017

Book Size: 7.75"x10.5" | 244pp./Colored | Hardback

## Crop Science and Technology

This book elucidates new techniques and their applications in a multidisciplinary approach with respect to agricultural science. Such selected concepts that redefine this field and its different branches have been presented in the text. As a field of biology, agricultural science refers to the study of various factors like natural, economic and social in relation to their effect on agriculture. It incorporates crop science and technology, which is the study of crops and how to use various biological and physical principles to increase their efficiency in creating food and fiber, etc. from light. This text presents the complex subject of crop science and technology along with agricultural science in the most comprehensible and easy to understand language. Through the book, we attempt to further enlighten readers about the new concepts in this field.



**Cassius Foster**

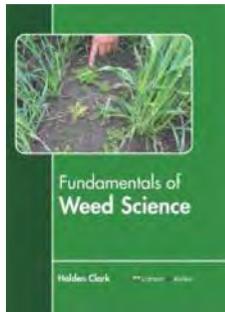
ISBN: 978-1-63549-018-3 | \$130.00 US | Year 2017

Book Size: 7.75"x10.5" | 243pp./Colored | Hardback

# Agriculture and Plant Science

## Fundamentals of Weed Science

Weed science is the part of science, which studies the management of weed growth in the fields of horticulture and agriculture. The subject includes methods of weed removal as well as the advantages of the growth of beneficial weeds. The aim of this text is to present the subject of weed science in the most comprehensive and easy to understand manner. It includes topics which are crucial for the understanding of the subject. The text includes different approaches, evaluations and methodologies on weed science. The textbook aims to serve as a resource guide for students and facilitate the study of the discipline.

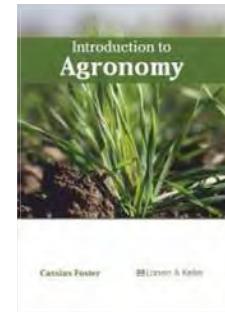


**Holden Clark**

ISBN: 978-1-63549-294-1 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 278pp./Colored | Hardback

## Introduction to Agronomy

Agronomy is that branch of agriculture, which deals with the study of plants in order to get food, fiber, fuel, etc. The major topics included in agronomy are plant breeding, crop rotation, soil classification, weed control, irrigation, plant physiology, soil fertility, pest control, etc. This book provides detailed information about the subject of agronomy. It aims to understand the various topics that fall under this discipline, and also examines the techniques and how these have practical applications. Coherent flow of topics and student friendly language make this text an invaluable source of knowledge.

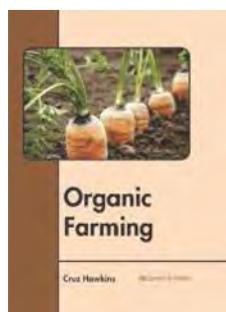


**Cassius Foster**

ISBN: 978-1-63549-020-6 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 268pp./Colored | Hardback

## Organic Farming

This book explores all the important aspects of organic farming in the present day scenario. It describes in detail the various concepts and techniques used under this area. Organic farming is an alternative form of agriculture. Unlike normal agricultural practices, it does not use artificial fertilizers but instead, uses bone meal, compost, manure and green manure for fertilization. Some of the diverse topics covered in this text address the varied branches that fall under this category. As this field is emerging at a rapid pace, the contents of this textbook will help the students understand the modern concepts and techniques of the subject. Those in search of information to further their knowledge will be greatly assisted by this textbook.

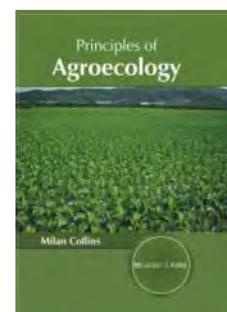


**Cruz Hawkins**

ISBN: 978-1-63549-210-1 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 217pp./Colored | Hardback

## Principles of Agroecology

The book aims to shed light on some of the unexplored aspects of agroecology. It discusses the various theories and concepts of this field in detail. Agroecology is an amalgamation of the ecological concepts and agricultural theories to produce better crop yield and its management. It strives to study a variety of ecosystems and is focused in the synthesis of effective agriculture practices and inclusive crop production techniques. It consists of the principles of all of these methods. This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of agroecology. Those in search of information to further their knowledge will be greatly assisted by this textbook.



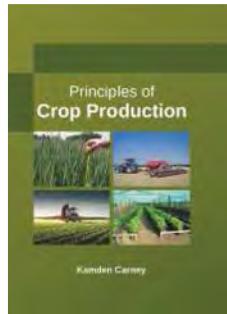
**Milan Collins**

ISBN: 978-1-63549-019-0 | \$145.00 US | Year 2017  
Book Size: 7"x10" | 277pp./Colored | Hardback

# Agriculture and Plant Science

## Principles of Crop Production

This book deals with the concepts and methods related to crop production. It talks in detail about the various techniques used in this field. Crop production refers to that branch of agriculture, which deals with the growth and cultivation of crops keeping in mind their use as food or fiber. Different approaches, evaluations and methodologies on crop production have been included in this text. Various techniques of crop production along with technological progress that have implication are glanced at in this book. Some of the diverse topics covered in it address the varied branches that fall under this category. This textbook attempts to assist those with a goal of delving into the field of crop production.

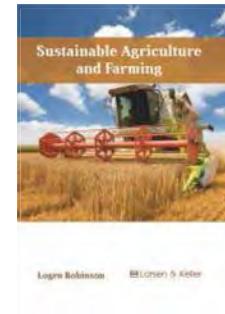


Kamden Carney

ISBN: 978-1-63549-080-0 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 292pp./Colored | Hardback

## Sustainable Agriculture and Farming

This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of sustainable agriculture and farming. It is designed in such a way, that it will provide deep insights about the new theories and concepts related to the subject to the readers. Sustainable agriculture refers to the act of using activities while farming which don't cause any harm to the crops, the land, and the environment. It is the practice of using organic manures and environment friendly techniques for farming practices. This book picks up individual concepts and theories and explains their need and contribution in the context of the growth of this field. This textbook is meant for students who are looking for an elaborate reference text on sustainable agriculture and farming.

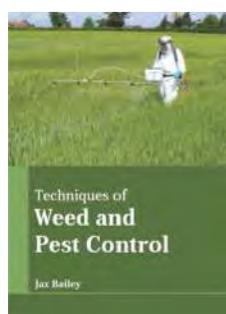


Logen Robinson

ISBN: 978-1-63549-000-8 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 310pp./Colored | Hardback

## Techniques of Weed and Pest Control

This book explores all the important aspects of weed and pest control in the present day scenario. Pest control is a practice used to control, manage and regulate the harmful pests. Weeds control is a part of pest control, it is used to control the growth of unwanted injurious and noxious plants called weeds. This text is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of weed and pest control. It aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.

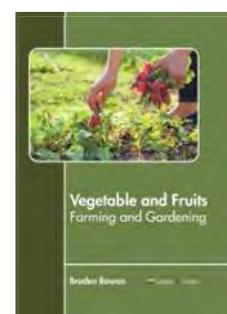


Jax Bailey

ISBN: 978-1-63549-293-4 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 249pp./Colored | Hardback

## Vegetable and Fruits: Farming and Gardening

This book is a compilation of chapters that discuss the most vital concepts in the field of vegetable and fruit farming and gardening. It discusses in detail the various theories and techniques related to this field in depth. Vegetable and fruit farming refers to the practice of growing vegetables and fruits for human consumption. It uses methods like raised bed, aquaponics, etc. to improve yield and produce. The topics included in this book are of utmost significance and are bound to provide incredible insights to readers. The textbook aims to serve as a resource guide for students and facilitate the study of the discipline.



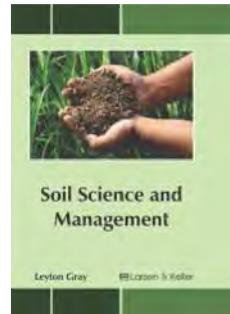
Braden Bowen

ISBN: 978-1-63549-282-8 | \$145.00 US | Year 2017  
Book Size: 7"x10" | 302pp./Colored | Hardback

# Agriculture and Plant Science

## Soil Science and Management

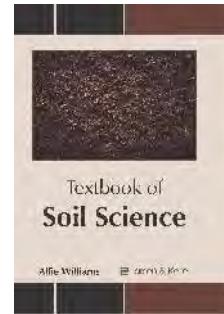
Soil management refers to the practices, techniques and methods used in order to protect soil and improve its quality. It is performed to restore and maintain soil fertility and to increase crop yield. In this book, chapters are compiled in such a manner that they provide detailed information about the different soil managing techniques. It attempts to understand the multiple branches that fall under the discipline of soil management and how such concepts have practical applications. For someone with an interest and eye for detail, this text covers the most significant topics of this subject.



Leyton Gray

ISBN: 978-1-63549-263-7 | \$155.00 US | Year 2017

Book Size: 7"x10" | 230pp./Colored | Hardback



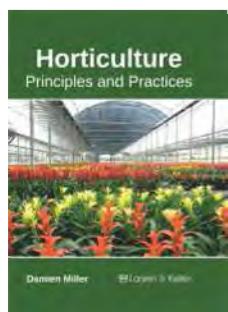
Alfie Williams

ISBN: 978-1-63549-001-5 | \$155.00 US | Year 2017

Book Size: 7"x10" | 289pp./Colored | Hardback

## Horticulture: Principles and Practices

This book elucidates new techniques of horticulture and their applications in a multidisciplinary approach. It describes in detail the various concepts and theories related to the field. As a part of agricultural sciences, horticulture deals with the science, art, business and technology of growing plants. The major topics included in the text, which are a sub-part of garden design are landscape restoration, arboriculture, plant conservation, etc. Such selected concepts that redefine the subject have been presented in this text. For all those who are interested in horticulture, this textbook can prove to be an essential guide. It will serve as a source of reference for those interested in the field of horticulture.



Damien Miller

ISBN: 978-1-63549-143-2 | \$155.00 US | Year 2017

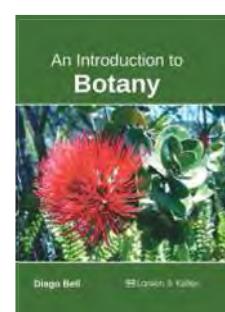
Book Size: 7.75"x10.5" | 240pp./Colored | Hardback

## Textbook of Soil Science

This book is a compilation of chapters that discuss the most vital concepts in the field of soil science. It is designed to provide students with the detailed information about the basic and primary theories of this field. Soil science refers to the study of the classification, formation, management and examination of physical, biological, chemical, and fertilizing properties of different soils. It can be called pedology or edaphology. The topics introduced in the text are of utmost importance. The textbook aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.

## An Introduction to Botany

This book provides comprehensive insights into the field of botany. It talks in detail about the new age uses of botany and the various techniques that fall under this field. Botany, as a branch of biological sciences, refers to the study of the structure, classification, economic importance, genetics and physiology of plants. It is therefore, referred to as plant science and phytology. Through this text we aim to provide students with the relevant and important information about the vast field of botany. Most of the topics introduced in the book cover new techniques and the applications of plant biology. It is appropriate for students and for those seeking detailed information in this area.



Diago Bell

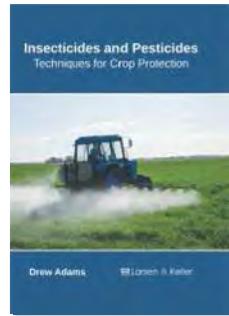
ISBN: 978-1-63549-052-7 | \$155.00 US | Year 2017

Book Size: 7.75"x10.5" | 362pp./Colored | Hardback

# Agriculture and Plant Science

## Insecticides and Pesticides: Techniques for Crop Protection

Insecticides and pesticides are chemicals used to protect crops and treat unwanted infestation by insects and pests. They are toxic substances and should be used judiciously. This book attempts to assist those with a goal of delving into the field of insecticides and pesticides treatment and manufacture. For someone with an interest and eye for detail, this book covers the most significant topics in this field. Also included in this textbook is a detailed explanation of the various methods and practices of crop protection. This complex subject is presented in the most comprehensible and easy to understand language. This text aims to serve as a resource guide for students and explain the discipline better.

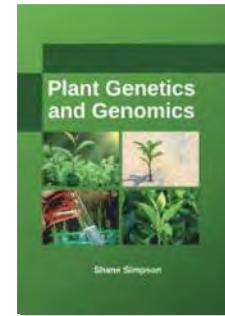


Drew Adams

ISBN: 978-1-63549-154-8 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 272pp./Colored | Hardback

## Plant Genetics and Genomics

Plant genetics and genomics is a branch of biology which studies heredity and heredity transmission of characteristics in plants and other eukaryotic or multicellular organisms that are classified within the plant kingdom. This area includes various sub-fields like genetically engineered crops, genetically modified plants and examining the DNA and food safety and security. This book explores all the important aspects of this field in the present day scenario. It includes detailed explanation of the various concepts and applications of plant genetics and genomics. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of plant genetics and genomics. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.



Shane Simpson

ISBN: 978-1-63549-223-1 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 242pp./Colored | Hardback

## Plant Pathology

This book provides extensive details about the vast topic of plant pathology, also known as phytopathology. It deals with the study of diseases in the plants caused by pathogens and other physical factors. Plant pathology includes topics like pathogen identification, plant disease epidemiology, disease etiology, etc. The pathogens responsible for these diseases are bacteria, virus, protozoa, parasitic plants, etc. This book is a valuable compilation of various topics, ranging from the most basic to the most complex ones. For those who have an interest in plant pathology, this book will prove to be a valuable source of knowledge.

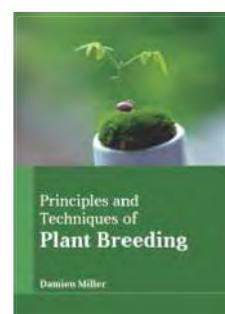


Tomos Webb

ISBN: 978-1-63549-224-8 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 226pp./Colored | Hardback

## Principles and Techniques of Plant Breeding

The book aims to shed light on some of the unexplored aspects of agroecology. It talks about the main advances within this field and how these developments have changed the agroecological industry in the past years. Agroecology refers to the study of ecological processes happening in the agricultural environment. It refers to the practice of bringing the theory of ecological principles in practice within an agroecosystem. The topics included in this text are of utmost significance and are bound to provide incredible insights to the readers. It aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.



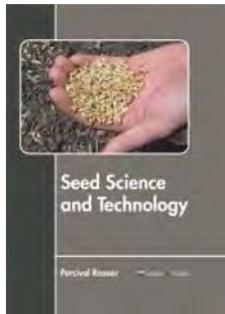
Damien Miller

ISBN: 978-1-63549-222-4 | \$155.00 US | Year 2017  
Book Size: 7"x10" | 243pp./Colored | Hardback

# Agriculture and Plant Science

## Seed Science and Technology

This book is a compilation of chapters that discuss the most vital concepts in the field of seed science and technology. The topics introduced in it cover the basic and primary techniques and methods of the subject. Seed science covers all aspects of the germination of seeds and the related technologies and methodologies that facilitate plant growth. Different approaches, evaluations and methodologies on the subject have been included in this text. For all those who are interested in seed science and technology, this textbook can prove to be an essential guide. This textbook is a complete source of knowledge on the present status of this important field.



Percival Rooser

ISBN: 978-1-63549-255-2 | \$130.00 US | Year 2017  
Book Size: 7.75"x10.5" | 282pp./Colored | Hardback

## Aquaculture and Fish Farming

This book is a compilation of chapters that discuss the most vital concepts in the field of aquaculture and fish farming. It provides in-depth knowledge about the field. Aquaculture is the practice of farming molluscs, algae, crustaceans, fish, and many other aquatic animals. It has proved to be a viable alternative to the more common fishing practices that are present at the moment. Other types of activities included in aquaculture are algaculture, shrimp farming, mariculture, oyster farming, etc. The topics included in it are of utmost significance and bound to provide incredible insights to readers. The textbook aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.

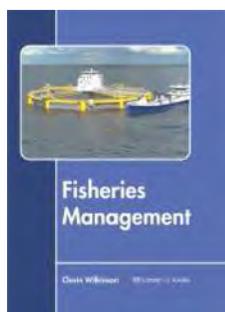


Brendan Marshall

ISBN: 978-1-63549-031-2 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 231pp./Colored | Hardback

## Fisheries Management

This book provides comprehensive insights into the field of fisheries management. It talks in detail about the various advancements in this field. Fisheries management refers to the practice of using fisheries science in order to protect and ensure sustainability of fisheries resources. Modern fisheries management incorporates the rules set up by the government and concerned organizations to stop exploitation of these resources. The aim of this text is to impart crucial information to readers about this topic. This textbook attempts to understand the multiple branches that fall under the discipline of fisheries management and how such concepts have practical applications. As the field is emerging at a rapid pace, the contents of the book will help understand the modern concepts and applications of the subject more easily.

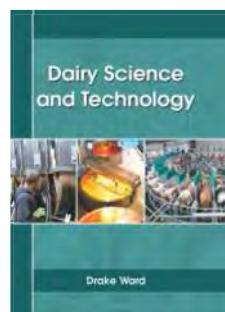


Clavin Wilkinson

ISBN: 978-1-63549-120-3 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 247pp./Colored | Hardback

## Dairy Science and Technology

This book explores all the important aspects of dairy science in the present day scenario. It discusses in detail the concepts and practical applications of this subject. Dairy science refers to the study of milk production along with the production of cheese, yogurt, butter, etc. A dairy science professional also studies the operations and management of a cattle ranch and a dairy plant. The text is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of dairy science and technology. While understanding the long-term perspectives of the topics, the book makes an effort in highlighting their impact as a modern tool for the growth of the discipline. It will provide comprehensive knowledge to the students. Through this textbook, we attempt to further enlighten the readers about the new concepts in this field.



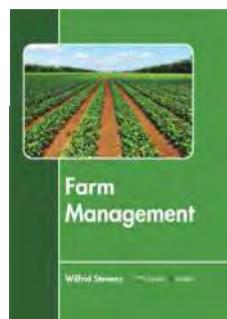
Drake Ward

ISBN: 978-1-63549-083-1 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 282pp./Colored | Hardback

# Agriculture and Plant Science

## Farm Management

Farm management is an interdisciplinary field of agricultural sciences. It includes many different topics like livestock management, agronomy, biology of farm animals, husbandry, etc. This book provides various concepts and applications of the subject. It describes the fundamentals of this subject area in detail. The text picks up individual methods and explains their need and contribution in the context of the growth of this field. The topics included in this book on farm management are of utmost significance and bound to provide incredible insights to readers. Coherent flow of topics, student-friendly language and extensive use of examples make this book an invaluable source of knowledge. It will be of great help to students in the fields of daily science, livestock management and animal breeding.

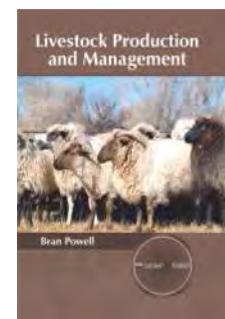


**Wilfrid Stevens**

ISBN: 978-1-63549-118-0 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 291pp./Colored | Hardback

## Livestock Production and Management

Livestock refers to the practice of raising domesticated animals in order to produce food, labour and fiber. Also included in it is, animal husbandry, which refers to the maintenance, breeding and slaughter of these animals. In this book, we will talk thoroughly about the various concepts of livestock production and management. It will also give detailed explanations about the practices of animal welfare and environmental impact. Some of the diverse topics covered in the book address the different branches that fall under this category. Those in search to broaden their knowledge about livestock management will be greatly assisted by this book.

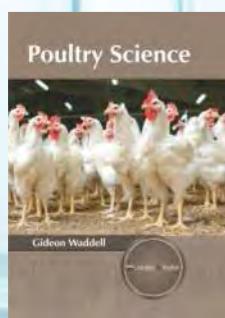


**Bran Powell**

ISBN: 978-1-63549-166-1 | \$145.00 US | Year 2017  
Book Size: 7"x10" | 287pp./Colored | Hardback

## Poultry Science

This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of poultry science. The main aim of the text is to familiarize students with the fundamental concepts of poultry science and make them understand the primary techniques used in this field. Poultry science is the field of agriculture which deals with the raising and management of poultry birds like geese, chicken, turkey and ducks, for food. The topics covered in this extensive text deal with the core subjects of poultry science. This textbook aims to serve as a resource guide for students and contribute to the growth of the discipline. The various sub-fields of poultry science along with technological progress that have future implications are glanced at in this book.



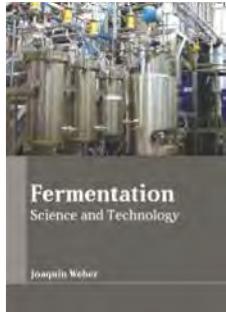
**Gideon Waddell**

ISBN: 978-1-63549-229-3 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 297pp./Colored | Hardback

# Food Science, Health and Nutrition

## Fermentation: Science and Technology

This book outlines the processes and applications of fermentation in detail. It gives detail information about the science and technology behind this process. Fermentation is the process that converts the sugar present in an object into gas, alcohol or acid. It is a metabolic process and it generally occurs in yeast and bacteria. The study of different processes of fermentation is known as zymology. Such selected concepts that redefine this subject have been presented in this text. Also included in it is a detailed explanation of the various concepts and applications of fermentation. This textbook is an essential guide for both academicians and those who wish to pursue this discipline further.



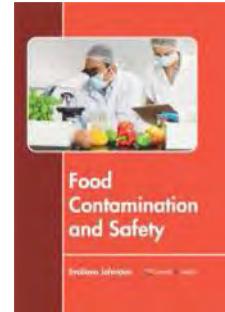
**Joaquin Weber**

ISBN: 978-1-63549-119-7 | \$140.00 US | Year 2017

Book Size: 7"x10" | 257pp./Colored | Hardback

## Food Contamination and Safety

This book elucidates new techniques and the applications in the field of food contamination in a multidisciplinary approach. It elaborates on the different theories and concepts related to this area. Food contamination refers to the degradation of food because of harmful chemicals or bacteria that cause various diseases and infections. In order to ensure food quality, the finished product goes through a thorough quality check. In this text, effort has been made to present the explanation of various methods of food safety, easy and simple. It is designed specifically for students. The topics covered in this extensive textbook deal with the core subjects of food contamination and safety. It will serve as a valuable source of reference for those interested in this field.



**Emilio Johnston**

ISBN: 978-1-63549-121-0 | \$145.00 US | Year 2017

Book Size: 7.75"x10.5" | 289pp./Colored | Hardback

## Food Engineering

This book outlines the processes and applications of food engineering in detail. It talks extensively about the different branches that fall under this category. Food engineering as a branch of physical sciences, is used in food industry for food processing, building food machinery, ingredient manufacturing and instrumentation, etc. The topics included in this book on food engineering are of utmost significance and bound to provide incredible insights to the readers. The text will serve as a valuable source of reference for those interested in this field and related branches.



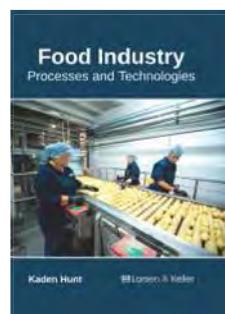
**Keegan Mason**

ISBN: 978-1-63549-122-7 | \$150.00 US | Year 2017

Book Size: 7.75"x10.5" | 236pp./Colored | Hardback

## Food Industry: Processes and Technologies

Food industry is a global industry which provides food items for consumption to the world's population. The areas included in this vast industry are agriculture which incorporate different crops and livestock, etc., foodservice, food processing, manufacturing, marketing which has packaging, advertising, public relations, etc., food technology, wholesale and distribution. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of the workings of food industry. Some of the diverse topics covered in this text address the varied branches that fall under this category. This textbook, with its detailed analyses and data, will prove immensely beneficial to professionals and students involved in this area at various levels.



**Kaden Hunt**

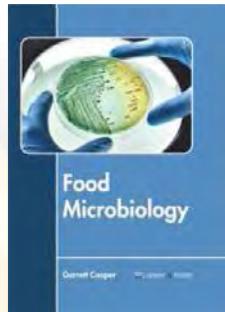
ISBN: 978-1-63549-123-4 | \$130.00 US | Year 2017

Book Size: 7.75"x10.5" | 292pp./Colored | Hardback

# Food Science, Health and Nutrition

## Food Microbiology

Food microbiology studies microorganisms that cause fundamental changes to food, resulting in either fermentation or spoilage. Topics included in this text concentrate on probiotic microorganism cultures, food safety practices and the benefits of “good” bacteria. The book studies, analyses and upholds the pillars of food microbiology and its utmost significance in modern times. It discusses fundamental processes involved in food microbiology and the food products industry. Selected concepts that redefine the subject have been included in it. Those in search of information to further their knowledge will be greatly assisted by this textbook. It will be of great help to graduates in the fields of environmental microbiology, food science and food preservation and safety.

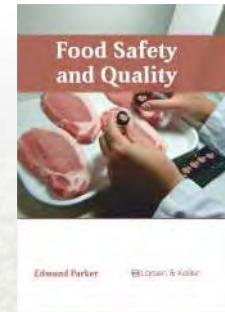


**Garrett Cooper**

ISBN: 978-1-63549-124-1 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 328pp./Colored | Hardback

## Food Safety and Quality

As food industry is experiencing a boom, new players are entering the market every day. This makes the process of checking the quality of food difficult. Therefore, new laws and regulations are being passed by the government to ensure the safety and quality of food. To provide the best preparation, handling and storage is referred to as food safety. And to maintain the size, colour, texture, consistency, etc. is known as food quality check. This book is designed to provide students with knowledgeable insights about the field of food safety and food quality. Most of the topics introduced in this text cover new techniques and the applications of this subject. Coherent flow of topics, student-friendly language and extensive use of examples make this book an invaluable source of knowledge.

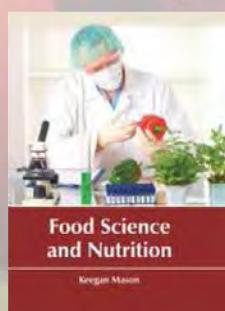


**Edmund Parker**

ISBN: 978-1-63549-125-8 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 244pp./Colored | Hardback

## Food Science and Nutrition

Food science is a field which studies the nature, causes of deterioration, processing and other important characteristics of food, so as to make it more consumer friendly. The book provides detail about the biochemical, physical and chemical processes of food and how they are used by the engineers to make it more nutritious and better for people. The topics included in this text are of utmost significance and bound to provide incredible insights to readers. It is a complete source of knowledge on the present status of this important field. It will also serve as a reference guide for students and academicians.

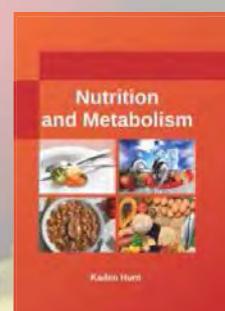


**Keegan Mason**

ISBN: 978-1-63549-201-9 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 238pp./Colored | Hardback

## Nutrition and Metabolism

This book provides comprehensive insights into the field of nutrition and metabolism. It provides deep insights about this field. Nutrition refers to interactions between food and nutrients and the use of food in catabolism, assimilation, excretion, absorption, biosynthesis, etc. Metabolism refers to the chemical transformations that take place within a cell when converting food to energy. Some of the diverse topics covered in this text address the varied branches that fall under this category. Such selected concepts that redefine this subject have been presented in it. This book aims to shed light on some of the unexplored aspects of this field. It is meant for students who are looking for an elaborate reference text on nutrition and metabolism.



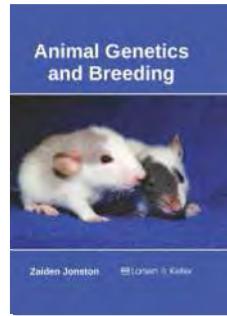
**Kaden Hunt**

ISBN: 978-1-63549-202-6 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 263pp./Colored | Hardback

# Veterinary Science and Medicine

## Animal Genetics and Breeding

This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of animal genetics and breeding. It explores all the important aspects of animal genetics and breeding in the present day scenario. Animal genetics studies selected breeding of livestock through genetic intervention with the purpose of increasing genetic value. The book also talks about the basic principles of breeding, giving details about animal breeding, husbandry and breeding in the wild. Such selected concepts that redefine this field have been presented in this text. For all those who are interested in animal genetics and breeding, this textbook can prove to be an essential guide.

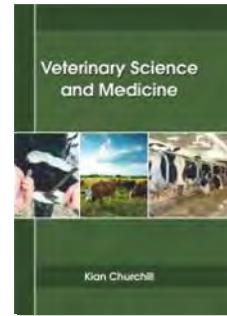


Zaiden Jonston

ISBN: 978-1-63549-026-8 | \$130.00 US | Year 2017  
Book Size: 7.75"x10.5" | 253pp./Colored | Hardback

## Veterinary Science and Medicine

This book provides comprehensive insights into the field of veterinary science and medicine. It is designed to provide in-depth knowledge about the various concepts and methodologies of this field to the students. Veterinary science refers to that branch of medicinal sciences that is concerned with the diagnosis, prevention and treatment of animals. It deals with the treatment of wild, domestic, and farm animals. The purpose of this text is to provide readers the basic information about this subject. The topics covered in it deal with the fundamental subjects of the area. Some of the themes covered in this book address the varied branches that fall under this category. This textbook is a complete source of knowledge on the present status of this important field.



Kian Churchill

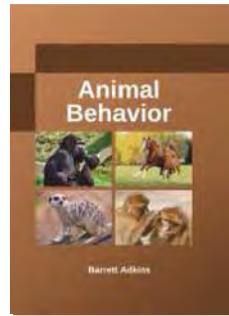
ISBN: 978-1-63549-283-5 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 258pp./Colored | Hardback



# Zoology

## Animal Behavior

Animal behavior, ethology or behaviorism is a scientific field that studies the behavior of animals under normal circumstances. It includes topics like observational learning, habituation, imprinting, and associative learning, etc. This book aims to shed light on some of the unexplored aspects of animal behavior. Such selected concepts that redefine the field have been presented in it. This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of animal behavior. For someone with an interest and eye for detail, this text covers the most significant topics in this field. It will provide comprehensive knowledge to the students.



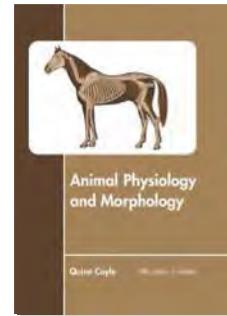
Barrett Adkins

ISBN: 978-1-63549-025-1 | \$150.00 US | Year 2017

Book Size: 7.75"x10.5" | 367pp./Colored | Hardback

## Animal Physiology and Morphology

Animal physiology studies the intricate systems that regulate biological life in animals while morphology studies the physical structure of various animals and forms the basis of taxonomical classification. These sciences shed light into the evolutionary and ecological processes that animals undergo. This text attempts to understand the multiple branches that fall under these disciplines and how such concepts have practical applications. The topics included in this book on animal physiology and morphology are of utmost significance and are bound to provide incredible insights to readers. This textbook, with its detailed analyses and data, will prove immensely beneficial to students involved in this area at various levels.



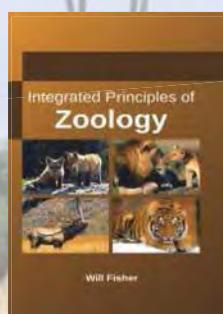
Quinn Coyle

ISBN: 978-1-63549-027-5 | \$155.00 US | Year 2017

Book Size: 7.75"x10.5" | 360pp./Colored | Hardback

## Integrated Principles of Zoology

The book aims to shed light on some of the fundamental aspects of zoology. It talks about the various techniques used in this study and its different applications. Zoology, as a part of biology, studies the evolution, classification, embryology, structure, and behavior of all living and extinct animals. It also lays focus on the interaction between the animals and their environment. This book is a compilation of chapters that discuss the most vital concepts in the field of zoology. This textbook, with its detailed analyses and data, will prove immensely beneficial to graduates and post-graduates involved in this area. Those with an interest in this field would find this text helpful.



Will Fisher

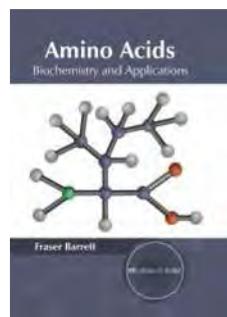
ISBN: 978-1-63549-039-8 | \$147.00 US | Year 2017

Book Size: 7.75"x10.5" | 239pp./Colored | Hardback

# Biochemistry, Genetics, Biotechnology and Molecular Biology

## Amino Acids: Biochemistry and Applications

Amino acids are organic compounds found in our bodies which contain carboxylic acid (-COOH), amines and side chains. They mainly contain hydrogen, carbon, nitrogen and oxygen. These acids are very important for nutrition and are therefore, used in food technologies and nutrition supplements. After water, amino acids comprise the largest component in human cells and tissues. This book presents the complex subject of amino acids in the most comprehensible and easy to understand language. The topics included in it are of utmost significance and are bound to provide incredible insights to readers. Different approaches, evaluations and methodologies on amino acids have been included in this text. It is a complete source of knowledge on the present status of this important field.



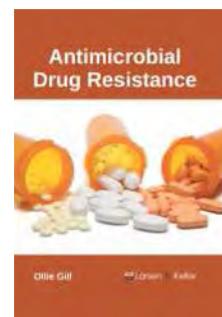
Fraser Barrett

ISBN: 978-1-63549-024-4 | \$145.00 US | Year 2017

Book Size: 7"x10" | 237pp./Colored | Hardback

## Antimicrobial Drug Resistance

This book provides comprehensive insights into the field of antimicrobial resistance. It talks in detail about the various methods and procedures of this field. Antimicrobial resistance refers to the stage when microbes evolve and become resistant to pharmaceutical drugs and medication. The resistance can take place via three ways, which are natural resistance, resistance acquired from other organisms and genetic mutation. The topics included in this book are of utmost significance and are bound to provide incredible insights to readers. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject. It aims to serve as a resource guide for students and facilitate the study of the discipline.



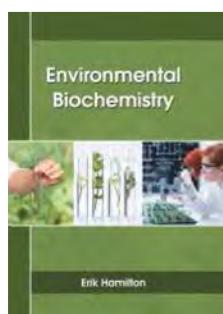
Ollie Gill

ISBN: 978-1-63549-030-5 | \$142.00 US | Year 2017

Book Size: 7.75"x10.5" | 242pp./Colored | Hardback

## Environmental Biochemistry

Environmental biochemistry is a part of environmental chemistry, which is the study of the various chemical and biochemical processes occurring in nature. It includes subfields like soil chemistry, atmospheric chemistry and also, aquatic chemistry. This book attempts to understand the multiple branches that fall under the discipline of environmental biochemistry and how such concepts have practical applications. It is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of the subject. For someone with an interest and eye for detail, this text covers the most significant topics in the field of environmental biochemistry. This textbook is meant for students who are looking for an elaborate reference text on this area.



Erik Hamilton

ISBN: 978-1-63549-110-4 | \$130.00 US | Year 2017

Book Size: 7"x10" | 277pp./Colored | Hardback

## Pharmacology

Pharmacology as a field of medicinal sciences and biology is concerned with the production, analysis, synthesis, design, and composition of drugs. Pharmacology is divided into two categories namely, pharmacokinetics and pharmacodynamics. This book is a compilation of chapters that discuss the most vital concepts of this field. It unfolds the innovative aspects of this subject, which will be crucial for the holistic understanding of the field. It will prove to be immensely beneficial to students involved in this area at various levels. For someone with an interest and eye for detail, this textbook covers the most significant topics of pharmacology.



Phoenix McWilliams

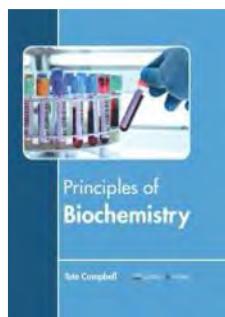
ISBN: 978-1-63549-217-0 | \$140.00 US | Year 2017

Book Size: 7.75"x10.5" | 308pp./Colored | Hardback

# Biochemistry, Genetics, Biotechnology and Molecular Biology

## Principles of Biochemistry

This book attempts to understand the multiple branches that fall under the discipline of biochemistry and how such concepts have practical applications. It provides detailed information about the basic principles of this field. Biochemistry as a field of science deals with the study of all the chemical processes happening inside living organisms. It is often referred to as biological chemistry. Some of the diverse topics covered in this text address the varied methodologies that comprise this subject. This textbook is an essential guide for both graduates and post-graduates who wish to pursue biochemistry further.



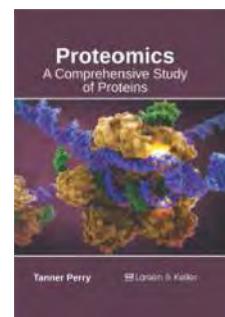
Tate Campbell

ISBN: 978-1-63549-007-7 | \$150.00 US | Year 2017

Book Size: 7.75"x10.5" | 217pp./Colored | Hardback

## Proteomics: A Comprehensive Study of Proteins

This book provides comprehensive insights into the field of proteomics. It talks extensively about the protein-protein interactions and their other applications and uses. Proteomics is concerned with the study of proteins. It refers to the study of proteome, which is a protein and examines its structure, composition, activities and inter-cellular protein interaction, etc. The book aims to shed light on some of the unexplored aspects of proteomics-protein interaction. It is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of the subject. For all those who are interested in this topic, this text can prove to be an essential guide.



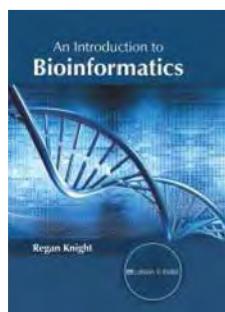
Tanner Perry

ISBN: 978-1-63549-239-2 | \$130.00 US | Year 2017

Book Size: 7.75"x10.5" | 261pp./Colored | Hardback

## An Introduction to Bioinformatics

Bioinformatics is an amalgamation of mathematics, engineering, computer sciences and statistics. It refers to the practice of using software tools to understand biological data. This book explores all the important aspects of bioinformatics in the present day scenario. It elaborates the different branches related to the subject and their applications. While understanding the long-term perspectives of the topics, the book makes an effort in highlighting their impact as a modern tool for the growth of bioinformatics. This text, with its detailed analyses and data, will prove immensely beneficial to students involved in this area at various levels. It will be of great help to those in the fields of genetics, forensic science and evolutionary biology.



Regan Knight

ISBN: 978-1-63549-045-9 | \$145.00 US | Year 2017

Book Size: 7"x10" | 256pp./Colored | Hardback

## An Introduction to Biotechnology

Biotechnology is a new field in medical sciences. It is the study of the living organisms and systems, in order to make and modify products using principles of the living organisms. It is related with the fields like bio-manufacturing and molecular engineering, etc. This book presents the complex subject of biotechnology in the most comprehensible and easy to understand language. It is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of the subject. While understanding the long-term perspectives of the topics, the text makes an effort in highlighting their impact as a modern tool for the growth of the discipline. It is appropriate for those seeking detailed information in this area.



Maison Owen

ISBN: 978-1-63549-050-3 | \$150.00 US | Year 2017

Book Size: 7.75"x10.5" | 233pp./Colored | Hardback

# Biochemistry, Genetics, Biotechnology and Molecular Biology

## Biomedicine

This book elucidates the concepts and innovative models around prospective developments with respect to biomedicine. It talks in detail about the various branches that fall under this field. Biomedicine refers to the application of different principles of natural science and biological science to medical practice. It seeks to improve methods of diagnostic treatment as well as the various technologies of medical science. Most of the topics introduced in this text cover new techniques and the applications of biomedicine. Different approaches, evaluations and methodologies on the subject have been included in the book, thus making it an invaluable source of knowledge for the students.

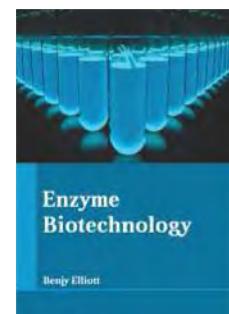


**Davon Matthews**

ISBN: 978-1-63549-047-3 | \$135.00 US | Year 2017  
Book Size: 7"x10" | 237pp./Colored | Hardback

## Enzyme Biotechnology

The book aims to shed light on some of the unexplored aspects of enzymes. It unfolds the innovative aspects of this field which will be crucial for the holistic understanding of the subject matter. Enzymes are very important for metabolic processes and human survival. They are macromolecular biological catalysts and are responsible for the acceleration of chemical reactions. They are crucial as they act as catalysts in a reaction. The topics included in this book on enzymes are of utmost significance and bound to provide incredible insights to readers. It will serve as a valuable source of reference for those interested in this field.

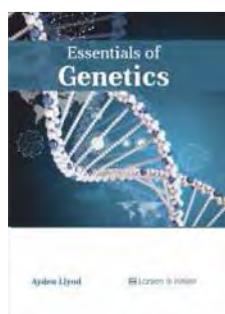


**Benjy Elliott**

ISBN: 978-1-63549-115-9 | \$130.00 US | Year 2017  
Book Size: 7"x10" | 222pp./Colored | Hardback

## Essentials of Genetics

This book outlines the processes and applications of genetics in detail. It elaborates on the various techniques and studies related to the subject. Genetics, as a sub-field of biology, refers to the study of genes, heredity and genetic variation in living beings like plants, bacteria, humans and animals, etc. It also deals with the study of molecular inheritance and trait inheritance, epigenetics, population genetics, etc. The topics included in the text on genetics are of utmost significance and are bound to provide incredible insights to readers. It will serve as a valuable source of reference for those interested in this field.

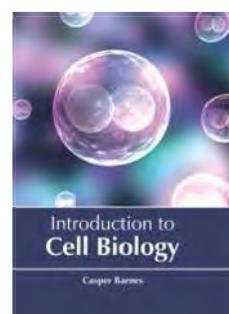


**Ayden Llyod**

ISBN: 978-1-63549-132-6 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 228pp./Colored | Hardback

## Introduction to Cell Biology

Cell biology is that branch of biology which studies the organization, structure, physiological properties, life cycle, metabolic processes, signaling pathways of cells and their interaction with the environment. It overlaps with developmental biology, immunology, biochemistry, etc. This book attempts to understand the multiple branches that fall under the discipline of cell biology and how such concepts have practical applications. Such selected concepts that redefine the subject have been presented in the book. For all those who are interested in the subject, this text can prove to be an essential guide.



**Casper Barnes**

ISBN: 978-1-63549-061-9 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 239pp./Colored | Hardback

# Biochemistry, Genetics, Biotechnology and Molecular Biology

## Immunology

Immunology refers to the study of immune systems of all living organisms. It studies the physiological functions, immunological disorders and the chemical, physical and physiological characteristics of immune systems. This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in this field. Different approaches, evaluations and methodologies and advanced studies on immunology have been included in it. The text aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.



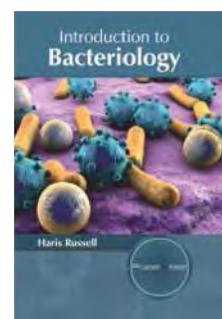
**Joffrey Butler**

ISBN: 978-1-63549-148-7 | \$147.00 US | Year 2017

Book Size: 7.75"x10.5" | 212pp./Colored | Hardback

## Introduction to Bacteriology

This book elucidates the concepts and innovative models around prospective developments with respect to bacteriology. It provides indepth information about the field and its applications. Bacteriology is a part of microbiology. It refers to the study of the classification, identification and characterization of bacteria which is a prokaryotic microorganism. This text will give knowledge about the uses of bacteria in the various industries and their importance in medicinal studies. Most of the topics introduced in the book cover new techniques and the applications of bacteriology. Through this book, we attempt to further enlighten the readers about the new concepts in this field.



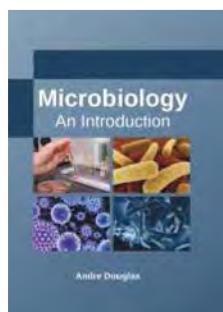
**Haris Russell**

ISBN: 978-1-63549-037-4 | \$135.00 US | Year 2017

Book Size: 7"x10" | 234pp./Colored | Hardback

## Microbiology: An Introduction

Microbiology is a part of biology that studies the structure, functions and development of microscopic organisms such as acellular, multicellular and unicellular organisms. The field is further divided into two groups, pure and applied microbiology. This book contains chapters on both of these parts and their sub-divisions as well as their applications and essential theories. This book outlines the processes and applications of the subject in detail. It is a compilation of chapters that discuss the most vital concepts of this field. This book, with its detailed analyses and data, will prove immensely beneficial to students involved in this area at various levels. For all those who are interested in microbiology, this textbook can prove to be an essential guide.



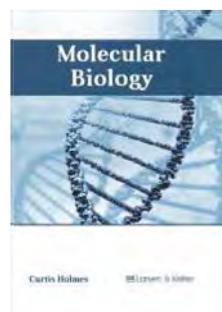
**Andre Douglas**

ISBN: 978-1-63549-184-5 | \$142.00 US | Year 2017

Book Size: 7.75"x10.5" | 276pp./Colored | Hardback

## Molecular Biology

This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of molecular biology. It provides thorough insights about the varied sub-branches of this field. Molecular biology refers to the study of the cells and the different biological activities happening between biomolecules in different cells. It also includes the studies of interactions between proteins, RNA, DNA and biosynthesis. It is a sub-field of biochemistry. Also included in this text is a detailed explanation of the various concepts and applications of molecular biology. The book is a complete source of knowledge on the present status of this important field.



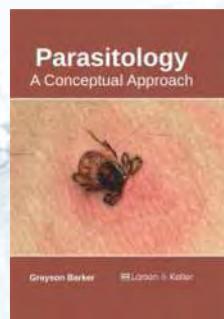
**Curtis Holmes**

ISBN: 978-1-63549-190-6 | \$130.00 US | Year 2017

Book Size: 7.75"x10.5" | 213pp./Colored | Hardback

## Parasitology: A Conceptual Approach

The book aims to shed light on some of the unexplored aspects of parasitology. It talks about the different studies performed and techniques used in this field in detail. Parasitology refers to the study of parasites, hosts and their relationship and interactions with each other. It uses the techniques of ecology, immunology, bioinformatics, molecular biology, etc. to study parasites and their environment. Most of the topics introduced in this text cover new techniques and the applications of this field. It explores all the important aspects of the subject in the present day scenario. This text will serve as a reference to a broad spectrum of readers.



**Grayson Barker**

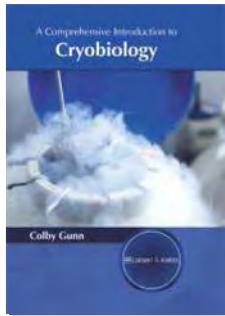
ISBN: 978-1-63549-213-2 | \$145.00 US | Year 2017

Book Size: 7.75"x10.5" | 297pp./Colored | Hardback

# Biological Sciences

## A Comprehensive Introduction to Cryobiology

The book aims to shed light on some of the unexplored aspects of cryobiology. It discusses thoroughly the various basic and fundamental concepts of this subject. Cryobiology, as part of biology deals with the study of changes occurring in living beings present in cryosphere of the atmosphere, when they are subjected to very low temperature. The systems studied in this field are organs, proteins, tissues, cells, and organisms. This text presents the complex subject of cryobiology in the most comprehensible and easy to understand language. It explores all the important aspects of the area in the present day scenario. This textbook is meant for students who are looking for an elaborate reference text on cryobiology.



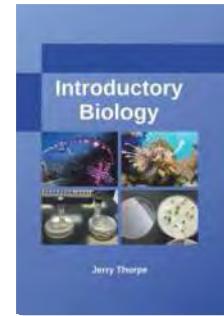
**Colby Gunn**

ISBN: 978-1-63549-081-7 | \$142.00 US | Year 2017

Book Size: 7"x10" | 265pp./Colored | Hardback

## Introductory Biology

Biology is the branch of science that studies the structure, habitat, surroundings, evolution, identification, taxonomy, and functions of living organisms and the biological components of life on earth. It is a vast subject, which covers subfields like botany, molecular biology, evolutionary biology, biochemistry, etc. The aim of this textbook is to familiarize students with the basic and most fundamental concepts of this field. This book is a valuable compilation of topics, ranging from the theories to the practices in the field of biology. Some of the diverse topics covered in it address the varied branches that fall under this category. This textbook is a complete source of knowledge on the present status of this important field.



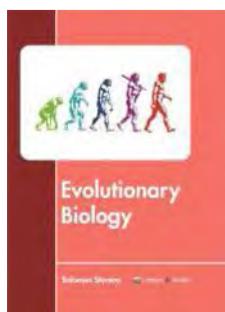
**Jerry Thorpe**

ISBN: 978-1-63549-300-9 | \$150.00 US | Year 2017

Book Size: 7.75"x10.5" | 387pp./Colored | Hardback

## Evolutionary Biology

Evolutionary biology refers to the study of evolutionary processes that result in the diversity of living organisms on Earth. It includes the study of the origin of life, decline of species and origin of new species. It is a sub-field of biology and is based on the principles of ecology, genetics, paleontology, systematics, etc. This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of evolutionary biology. Through this text, we attempt to further enlighten the readers about the new concepts in this field. It aims to serve as a resource guide for students and facilitate the study of the discipline.



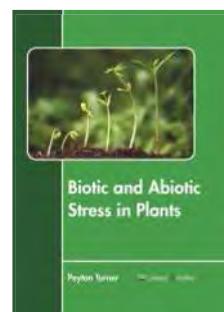
**Solomon Stevens**

ISBN: 978-1-63549-116-6 | \$145.00 US | Year 2017

Book Size: 7.75"x10.5" | 190pp./Colored | Hardback

## Biotic and Abiotic Stress in Plants

This book provides comprehensive insights into the field of plant biology. It talks in detail about the biotic and abiotic stress in plants. It outlines the processes and applications of the subject in detail. Abiotic stress refers to negative impact of non-living things on plants and animals whereas, biotic stress refers to the living organisms which cause problems for other living beings like weeds or harmful insects. The topics covered in this extensive book deal with the core subjects of biotic and abiotic stress in plants. For all those who are interested in this subject, the textbook can prove to be an essential guide. It attempts to assist those with a goal of dealing into the field of biotic and abiotic stress.



**Peyton Turner**

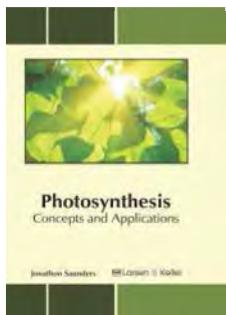
ISBN: 978-1-63549-051-0 | \$130.00 US | Year 2017

Book Size: 7.75"x10.5" | 310pp./Colored | Hardback

# Biological Sciences

## Photosynthesis: Concepts and Applications

This book elucidates the concepts and innovative models around prospective developments with respect to photosynthesis. It provides detailed information about its methods and uses. Photosynthesis refers to the process by which plants convert light energy into chemical energy. It is an essential process as it enables plants to grow and bear fruit. The aim of the text is to familiarize the readers with the process and associated chemicals. Most of the topics introduced in this textbook are of utmost importance to gain understanding about the topic. Coherent flow of topics, student-friendly language and extensive use of examples make this text an invaluable source of knowledge. The topics covered in this book offer the readers new insights in the field of photosynthesis.



**Jonathon Saunders**

ISBN: 978-1-63549-220-0 | \$130.00 US | Year 2017

Book Size: 7"x10" | 231pp./Colored | Hardback

## Biology of Marine Mammals

Marine mammal biology studies mammals such as whales, seals, polar bears, etc. that rely on the aquatic ecosystem for their existence. These animals are grouped together as they have a paraphyletic relation or share a common ancestor. This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of marine mammal biology. Also included in this text is a detailed explanation of the various concepts and insights of aquatic ecosystem. The contents of this text are of utmost significance and are bound to provide incredible insights to the readers.



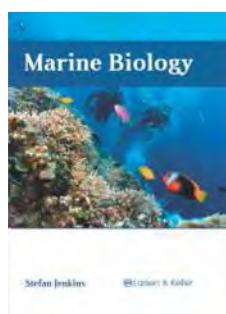
**Hyman Dunn**

ISBN: 978-1-63549-174-6 | \$142.00 US | Year 2017

Book Size: 7.75"x10.5" | 266pp./Colored | Hardback

## Marine Biology

This book attempts to understand the multiple branches that fall under the discipline of marine biology and how such concepts have practical applications. Marine biology refers to the study of marine animals and plants. It classifies them on the basis of environment and examines their structure, composition, interaction with environment and also their importance to humans. Different approaches, evaluations and methodologies and advanced studies on this subject have been included in the book. As this field is emerging at a rapid pace, the contents of this text will help the readers understand the modern concepts and applications of the subject.



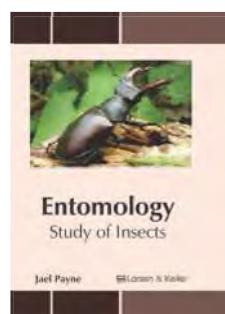
**Stefan Jenkins**

ISBN: 978-1-63549-172-2 | \$145.00 US | Year 2017

Book Size: 7.75"x10.5" | 251pp./Colored | Hardback

## Entomology: Study of Insects

Entomology is that branch of zoology which deals with the study of insects. It studies the structure, classification, biological systems, nature, habitats, etc. of insects in detail. This book attempts to understand the multiple topics that fall under the discipline of entomology and how such concepts have practical applications and effects in the ecosystem. It picks up individual branches and explains their need and contribution in the context of the growth of this area. The textbook also explains the various practices that highlight the conservation of the environment. Coherent flow of topics, student-friendly language and extensive use of examples make this text an invaluable source of knowledge.



**Jael Payne**

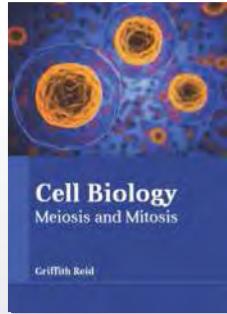
ISBN: 978-1-63549-108-1 | \$145.00 US | Year 2017

Book Size: 7"x10" | 316pp./Colored | Hardback

# Biological Sciences

## Cell Biology: Meiosis and Mitosis

This book presents the complex subject of meiosis and mitosis in the most comprehensible and easy to understand language. It elucidates the various methods and theories of these processes. Meiosis and mitosis are the processes of cell division that occur in cells. It is an important part of the cell cycle. The topics included in the text are of utmost significance and bound to provide incredible insights to readers. Coherent flow of topics, student-friendly language and extensive use of examples make this an invaluable source of knowledge. The book is appropriate for those seeking detailed information in this area.



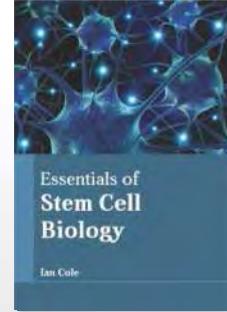
Griffith Reid

ISBN: 978-1-63549-182-1 | \$155.00 US | Year 2017

Book Size: 7"x10" | 195pp./Colored | Hardback

## Essentials of Stem Cell Biology

This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of stem cell biology. It talks in detail about the various methods and applications of stem cells in our bodies. Stem cells refer to the undifferentiated biological cells present in multicellular organisms. These cells through mitosis can divide to produce many more stem cells. The text will give thorough insights into this subject area. The topics like embryonic stem cells and adult stem cells will be discussed in detail in the text. As this field is emerging at a rapid pace, the contents of the book will help the readers understand the modern concepts and applications of this subject.



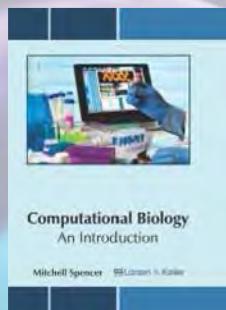
Ian Cole

ISBN: 978-1-63549-268-2 | \$140.00 US | Year 2017

Book Size: 7"x10" | 211pp./Colored | Hardback

## Computational Biology: An Introduction

The study of various social, biological and behavioral systems using the techniques and theories of computational data analytics, mathematical modeling and other theoretical methods is called computational biology. Sometimes referred to as bioinformatics, the field allows for the storage and processing of biological data. The book unfolds the innovative aspects of computational biology, which will be crucial for the holistic understanding of the subject matter. It outlines the processes and applications of the field in detail. Most of the topics introduced in it cover new techniques and the applications of the subject area. This textbook is a complete source of knowledge on the present status of this important field.



Mitchell Spencer

ISBN: 978-1-63549-072-5 | \$147.00 US | Year 2017

Book Size: 7"x10" | 315pp./Colored | Hardback

# Environmental Sciences

## Environmental Monitoring

This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of environmental monitoring. It will discuss in detail about the different applications of this field. Environmental monitoring refers to practices and actives used to monitor the quality of environment. It is also used to prepare environmental impact assessments, which examines the amount of damage human activities cause to the natural environments. The different types of monitoring include air monitoring, water quality monitoring and soil monitoring. Some of the diverse topics covered in this book address the varied branches that fall under this subject area. The topics discussed are of utmost significance and bound to provide incredible insights to students. The textbook is appropriate for those seeking detailed information in this area.



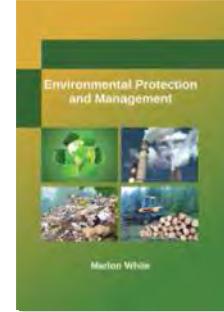
**Hayden Cole**

ISBN: 978-1-63549-112-8 | \$140.00 US | Year 2017

Book Size: 7"x10" | 312pp./Colored | Hardback

## Environmental Protection and Management

Growing population has led to many different problems in today's world, worst of all being pollution. Environment is being damaged every day because of the actions of human beings and thus, its protection and preservation has become vital. Environmental protection and management is the field, which deals with study of laws, rules, scientific solutions, etc. required to conserve our environment and save its inhabitants. This book provides information about the most basic to the most complex topics related to this field. Some of the diverse topics covered in it address the varied branches that fall under this category. The textbook is appropriate for those seeking detailed information in this area.



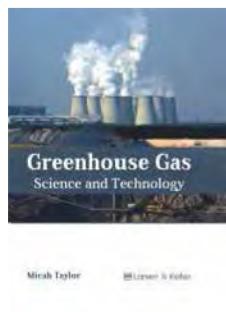
**Marlon White**

ISBN: 978-1-63549-008-4 | \$145.00 US | Year 2017

Book Size: 7.75"x10.5" | 300pp./Colored | Hardback

## Greenhouse Gas: Science and Technology

This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of greenhouse gas and their effects on environment. It discusses in detail the problems caused by greenhouse gases and how to control the spread of these the same. Greenhouse gases absorb and then emit radiations in a thermal infrared range and thus, cause greenhouse effect. The main types of greenhouse gases on earth are nitrous oxide, carbon dioxide, methane, ozone and even water vapours. Also included in this text is a detailed explanation of the various concepts of greenhouse gas effect. Some of the diverse topics covered in it address the varied branches that fall under this subject. This textbook is a complete source of knowledge on the present status of this important field.



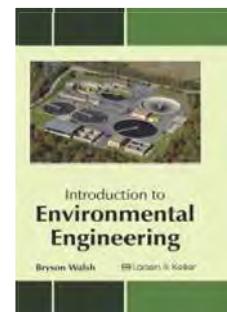
**Micah Taylor**

ISBN: 978-1-63549-141-8 | \$142.00 US | Year 2017

Book Size: 7.75"x10.5" | 200pp./Colored | Hardback

## Introduction to Environmental Engineering

This book elucidates the concepts and innovative models around prospective developments with respect to environmental engineering. It provides detailed information about the fundamentals of this subject. Environmental engineering refers to the science and methodology followed for protecting humans from harmful environmental components and also for protecting the environment from adverse effects of human activities and natural occurrences, by using engineering and scientific laws. Most of the topics introduced in this textbook cover new techniques and the applications of environmental engineering. It is a complete source of knowledge on the present status of this important field. This book, with its detailed analyses and data, will prove immensely beneficial to graduates and post-graduates involved in this area at various levels.



**Bryson Walsh**

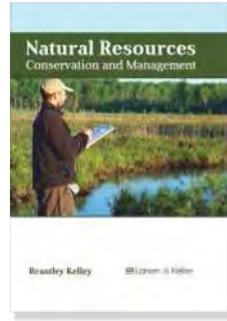
ISBN: 978-1-63549-111-1 | \$155.00 US | Year 2017

Book Size: 7"x10" | 234pp./Colored | Hardback

# Environmental Sciences

## Natural Resources: Conservation and Management

This book elucidates the concepts and innovative models around prospective developments with respect to natural resources, their classification, conservation and management. It describes in detail the basic concepts of this field. Natural resources like water, land, soil, plants, etc. are important for the sustenance of life on earth. Therefore, the conservation of these resources is very crucial. The management of these resources include areas like water management, pollution control, biodiversity conservation and also sustainable use of practises like mining, tourism, forestry, etc. The topics included in this text are of utmost significance and bound to provide incredible insights to students. This textbook attempts to assist those with a goal of delving into the field of natural resources.



**Brantley Kelley**

ISBN: 978-1-63549-196-8 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 251pp./Colored | Hardback

## Protected Areas Management

This book provides comprehensive insights into the subject of protected areas. It explains in detail the various causes and their importance in this field. Protected areas are those places which are given special protection because of their rich cultural, ecological and regional importance. These areas are protected by the government by implementing strong laws, rules and regulations. They help in preserving endangered species of plants and animals and also in conserving the environment. This text is a compilation of chapters that discuss the most vital concepts in the field of protected areas. It explores all the important aspects of this area in the present day scenario. This textbook is an essential guide for both academicians and those who wish to pursue this discipline further.

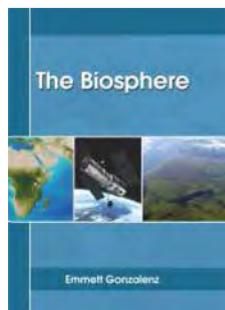


**Weston Allen**

ISBN: 978-1-63549-238-5 | \$150.00 US | Year 2017  
Book Size: 7.75"x10.5" | 210pp./Colored | Hardback

## The Biosphere

This book elucidates the concepts and innovative models around prospective developments with respect to biosphere. It provides deep insights into this field. Biosphere refers to the collection of all the different ecosystems present on earth. It is a global ecological system which encompasses all the living beings and the process that relate them with each other and with the various natural elements like atmosphere, lithosphere, hydrosphere and geosphere. This text attempts to understand the multiple branches that fall under the discipline of biosphere and how such concepts have practical applications. Such selected concepts that redefine this field have been presented in it. This textbook will serve as a reference to a broad spectrum of readers.

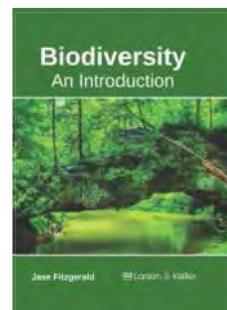


**Emmett Gonzalenz**

ISBN: 978-1-63549-049-7 | \$145.00 US | Year 2017  
Book Size: 7"x10" | 282pp./Colored | Hardback

## Biodiversity: An Introduction

This book provides comprehensive insights into the field of biodiversity. It attempts to understand the multiple branches that fall under this discipline and how such concepts have practical applications. Biodiversity refers to the various species of animals, plants, insects that are present on the different ecosystems on Earth. It includes topics like species variation, genetic variation and ecosystem variation. The different types of biodiversity are terrestrial and marine. This book will give detailed information about both of the above mentioned topics along with other ones. The topics included in this text are of utmost significance and bound to provide incredible insights to readers. The textbook aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.



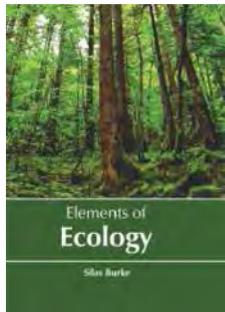
**Jase Fitzgerald**

ISBN: 978-1-63549-042-8 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 266pp./Colored | Hardback

# Environmental Sciences

## Elements of Ecology

This book attempts to understand the multiple branches that fall under the discipline of ecology and how such concepts have practical applications. Ecology refers to the study of organisms, their interaction with each other and the environment. It includes topics like earth science, biology, diversity and geography. It also studies biodiversity which includes study of different species of organisms, genes and ecosystems. This text is a compilation of chapters that discuss the most vital concepts in the field of ecology. Different approaches, evaluations and methodologies and advanced studies on the subject have been included in it. Coherent flow of topics, student-friendly language and extensive use of examples make this book an invaluable source of knowledge.

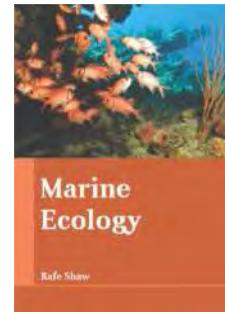


**Silas Burke**

ISBN: 978-1-63549-091-6 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 246pp./Colored | Hardback

## Marine Ecology

This book is a compilation of chapters that discuss the most vital concepts in the field of marine ecology. It gives thorough insights about this vast field and provides detailed information about the various advances in this area. Marine ecology is the study of the different marine organisms, their environment, population and their interactions with each other and with their surroundings. It also includes the study of the external or non-living physical and chemical factors affecting the life and reproductive behaviour of marine organisms. The topics covered in this extensive book deal with the core subjects of marine ecology. Those in search of information to further their knowledge will be greatly assisted by this text.

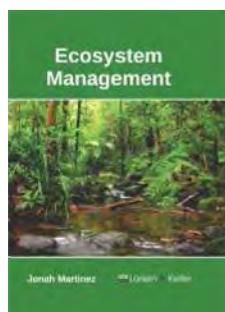


**Rafe Shaw**

ISBN: 978-1-63549-173-9 | \$135.00 US | Year 2017  
Book Size: 7"x10" | 256pp./Colored | Hardback

## Ecosystem Management

This book elucidates new techniques and applications of ecosystem in a multidisciplinary approach. Ecosystem is a study of the interactions of living organisms with the natural resources like water, air and mineral soil. Ecosystem processes include energy flow, primary production, decomposition, nutrient cycling, biodiversity, ecosystem management, ecosystem ecology, etc. This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of ecosystem study. The topics included in it are of utmost significance and bound to provide incredible insights to students. The textbook aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.

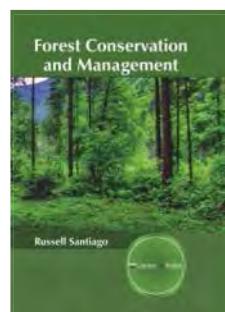


**Jonah Martinez**

ISBN: 978-1-63549-093-0 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 258pp./Colored | Hardback

## Forest Conservation and Management

Deforestation has lead to many serious problems on earth like, global warming, pollution, soil erosion, etc. Thus, the conservation and sustainable use of forest and its resources is the need of this hour. Forest conservation refers to the practice of using forest in the optimum way, so that we fulfill our requirements without jeopardizing that of the future generations. This book aims to provide essential information about this field. It presents the complex subject of forest conservation in the most comprehensible and easy to understand language. The topics covered in this extensive text deal with the core subjects of this subject. This book is an essential guide for students, academicians and those who wish to pursue this discipline further.



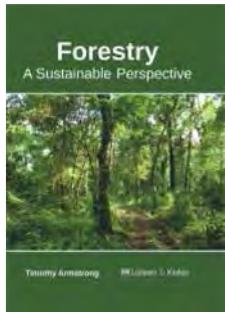
**Russell Santiago**

ISBN: 978-1-63549-126-5 | \$147.00 US | Year 2017  
Book Size: 7"x10" | 261pp./Colored | Hardback

# Environmental Sciences

## Forestry: A Sustainable Perspective

The book aims to shed light on some of the unexplored aspects of forestry. It picks up individual branches and explains their need and contribution in the context of the growth of this field. Forestry refers to the practice of maintaining, conserving, repairing, protecting and using the forest and its resources in such a way, that it fulfills the current human and animal requirements and is conserved for the future generations. It encompasses topics like biodiversity management, wildlife habitat, water quality management, erosion control and landscape protection, etc. This text is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of forestry. Some of the diverse topics covered in it address the varied branches that fall under this category. The textbook will serve as a valuable source of reference to students and for those interested in this field.



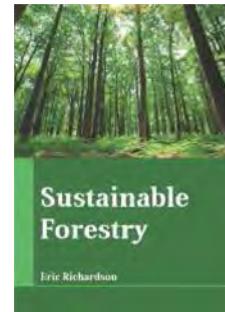
**Timothy Armstrong**

ISBN: 978-1-63549-127-2 | \$142.00 US | Year 2017

Book Size: 7.75"x10.5" | 256pp./Colored | Hardback

## Sustainable Forestry

This book provides comprehensive insights into the field of sustainable forestry. It discusses in detail some of the essential causes and requirements for this subject. Sustainable forestry refers to the optimum use of forest resources. It incorporates areas like conserving biodiversity, protecting local livelihoods and forest ecosystems, reducing the negative effects of climate change, etc. It also includes forming laws and regulations to safeguard the forest and forest resources usage. This text attempts to understand the multiple branches that fall under the discipline of sustainable forestry and how such concepts have practical applications. Such selected concepts that redefine this area have been presented in the text. It is meant for students who are looking for an elaborate reference text on sustainable forestry.



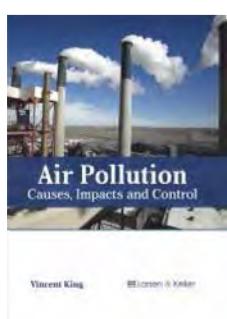
**Eric Richardson**

ISBN: 978-1-63549-271-2 | \$130.00 US | Year 2017

Book Size: 7"x10" | 257pp./Colored | Hardback

## Air Pollution: Causes, Impacts and Control

Air pollution is a serious problem that we as a society face today. It refers to the pollution of air by emission of biological molecules, particulates and other dangerous substances into the atmosphere. The main causes of air pollution are the emissions of poisonous gases from industries, a/cs and cars, like carbon monoxide, methane, carbon dioxide, etc. Air pollution is causing lethal damage to the health and welfare of humans and animals, therefore, the study and control of this problem is essential. This book is a compilation of chapters that discuss the most vital concepts in the field of air pollution. It includes detailed explanation of the various concepts and methods applied to control of this issue. This textbook is an essential guide for both academicians and those who wish to pursue this discipline further.



**Vincent King**

ISBN: 978-1-63549-021-3 | \$145.00 US | Year 2017

Book Size: 7.75"x10.5" | 229pp./Colored | Hardback

## Air Quality Monitoring and Control Strategies

This book elucidates the concepts and innovative models around prospective developments with respect to air quality monitoring and control strategies. It provides great detail about the fundamental concepts of this subject. Air pollution is a growing concern for our world today. Air quality control and monitoring has been necessary for increasing the standard of life and in order to achieve this, certain laws, rules and regulations have been passed by countries and organizations in various capacities. This text is a compilation of chapters that discuss the most vital concepts of this field. Most of the topics introduced in this book covers new devices and technologies related to air quality monitoring. Different approaches, evaluations and methodologies have been included in it. It will serve as a valuable source of reference for students.



**Bertram O'Neal**

ISBN: 978-1-63549-022-0 | \$135.00 US | Year 2017

Book Size: 7"x10" | 315pp./Colored | Hardback

# Environmental Sciences

## Environmental Toxicology

Environmental toxicology refers to the branch of science which studies the damage caused to living organisms by different chemical, physical and biological agents. It includes ecotoxicology as its subfield. The agents which cause environmental toxicology are heavy metals, polychlorinated biphenyls, pesticides and sulfuryl fluoride, etc. This book attempts to understand the multiple branches that fall under this discipline and how such concepts have practical applications. It presents this complex subject in the most comprehensible and easy to understand language. The topics covered in this text offer the readers new insights in the field of environmental toxicology. It aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.



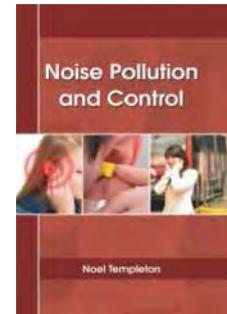
Kaiden Higgins

ISBN: 978-1-63549-113-5 | \$147.00 US | Year 2017

Book Size: 7.75"x10.5" | 223pp./Colored | Hardback

## Noise Pollution and Control

The rise in vehicles, engines, motors, acoustic devices and other factors are causing noise pollution to increase at an alarming rate. Pollution is highly detrimental to our environment. Thus, its control and prevention are crucial. The book is designed to provide the students some fundamental concepts of noise pollution and its control. It contains chapters that deal with the causes of pollution and the various technologies to control it. The book studies, analyses and upholds the pillars of this subject and its utmost significance in modern times. It is compiled in such a manner that it will provide in-depth knowledge about the theory and practice of this field. This textbook is meant for students who are looking for an elaborate reference text on noise pollution and control.



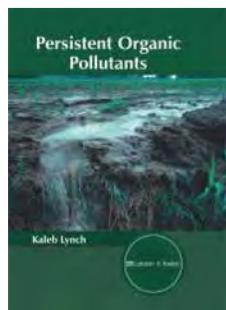
Noel Templeton

ISBN: 978-1-63549-197-5 | \$142.00 US | Year 2017

Book Size: 7"x10" | 295pp./Colored | Hardback

## Persistent Organic Pollutants

Organic pollutants, also referred to as persistent organic pollutants are those compounds which are resistant to every type of environmental degradation, by any process like chemical, photolytic biological, etc. These are generally of organic nature and have severe impact on humans and environment. This book presents the complex subject of organic pollutants in the most comprehensible and easy to understand language. The topics covered in this extensive book deal with the core subjects of this area. It unfolds the innovative aspects of this discipline which will be crucial for the holistic understanding of the subject matter. Coherent flow of topics, student-friendly language and extensive use of examples make this book an invaluable source of knowledge.



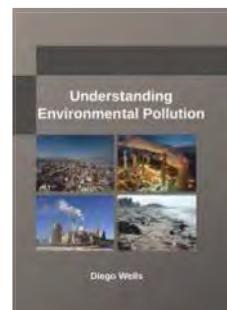
Kaleb Lynch

ISBN: 978-1-63549-211-8 | \$147.00 US | Year 2017

Book Size: 7"x10" | 273pp./Colored | Hardback

## Understanding Environmental Pollution

One of the major problems that our planet faces today is of pollution. It causes severe damage to natural resources and living organisms inhabiting the ecosystem. Pollution refers to the emission of harmful components like chemicals, methane gas, carbon dioxide, carbon monoxide, paint, grease and waste materials into environmental resources like water bodies, air, land, etc. This book is compiled in such a manner that it will provide in-depth knowledge about the causes and effects of pollution. The topics included in it are of utmost significance and are bound to provide incredible insights to readers. It explains all the important aspects of environmental pollution in the present day scenario. Those in search of information to further their knowledge will be greatly assisted by this textbook.



Diego Wells

ISBN: 978-1-63549-227-9 | \$142.00 US | Year 2017

Book Size: 7.75"x10.5" | 254pp./Colored | Hardback

# Environmental Sciences

## Water Pollution and Treatment

Water pollution is one of the main critical problems we are facing today. It refers to the contamination of water resources like, rivers, oceans, lakes, seas, etc. because of industrial waste, paints, grease, oil spills and various other harmful chemicals. Water pollution affects all the living organisms and the environment. It is very crucial to prevent it and conserve water bodies. The book presents the basic concepts of water pollution in detail. It provides thorough insights into the various theories and practices used to properly utilize water and control its pollution. The topics included in this text are of utmost significance and bound to provide incredible insights to the students. This textbook will serve as a reference to a broad spectrum of readers.



**Ezra Duncan**

ISBN: 978-1-63549-290-3 | \$140.00 US | Year 2017

Book Size: 7.75"x10.5" | 266pp./Colored | Hardback

## Global Warming

As the population of earth and pollution on it, is rising every year, the problem of global warming is also mounting up. It refers to the increase in the earth's total temperature, which results in melting of glaciers and icebergs, thus, increasing the water level by alarming rates. This rise in water level becomes the parent cause for floods. Global warming also leads to depletion of ozone layer, which results in increasing temperature and pollution. The aim of this book is to provide the students with detailed information about the primary concepts of global warming. It includes the topics of utmost importance which are bound to provide incredible insights to the readers. Some of the diverse points covered in this text address the varied branches that fall under this category. This textbook will serve as a valuable source of reference for those interested in this field.



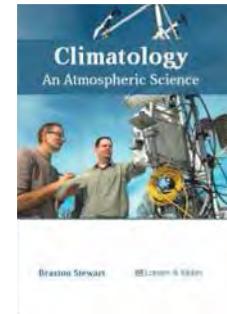
**Declan Hernandez**

ISBN: 978-1-63549-138-8 | \$140.00 US | Year 2017

Book Size: 7.75"x10.5" | 227pp./Colored | Hardback

## Climatology: An Atmospheric Science

As a subfield of physical geography and part of atmospheric sciences, climatology refers to the study of climate, which is the weather condition of a place at or over a particular time. It includes fields like biogeochemistry and oceanography. It is applied to forecast weather and study the changes in climate and analyze the results for understanding the effects phenomena like greenhouse effect and pollution have on climate. This book is a compilation of chapters that discuss the most vital and fundamental concepts in the field of climatology. The topics covered in this extensive book deal with the core subjects of this subject. Coherent flow of topics, student-friendly language and extensive use of examples make this book an invaluable source of knowledge.



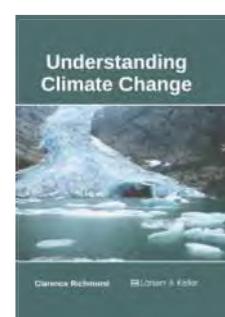
**Braxton Stewart**

ISBN: 978-1-63549-069-5 | \$150.00 US | Year 2017

Book Size: 7.75"x10.5" | 233pp./Colored | Hardback

## Understanding Climate Change

As a sub-field of atmospheric sciences, climate change refers to the changes which happen in the weather patterns of an area, over a period of time. It happens due to the changes in solar radiation, volcanic eruptions, biotic processes and plate tectonics, etc. Global warming is also a major cause of the problem. This book aims at providing in-depth knowledge about the various causes and effects of climate change. It is a compilation of chapters that discuss the most vital concepts of this field. The topics introduced in this text are bound to provide great insights about the basic and complex areas of this subject. Different approaches, evaluations and methodologies and advanced studies have been included in it. Those with an interest in climate change would find this textbook helpful.



**Clarence Richmond**

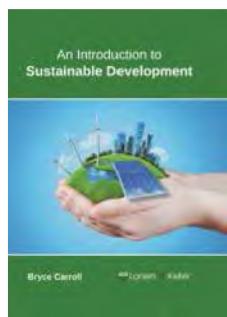
ISBN: 978-1-63549-068-8 | \$145.00 US | Year 2017

Book Size: 7.75"x10.5" | 296pp./Colored | Hardback

# Environmental Sciences

## An Introduction to Sustainable Development

This book is a compilation of chapters that discuss the most vital concepts in the field of sustainable development. It describes in detail the necessity of this subject in the present times. Due to the increasing pollution and population, natural resources are being contaminated. Sustainable development is crucial to sustain life and save resources for the future generations. This text attempts to understand the multiple branches that fall under the discipline of sustainable development and how such concepts have practical applications. Diverse aspects related to green and renewable technologies and their effectiveness and future developments are known as sustainable development. Such selected concepts that redefine this area have been presented in it. For all those who are interested in the discipline of sustainable development, this textbook can prove to be an essential guide.



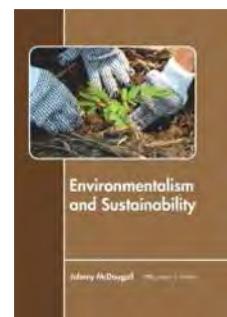
Bryce Carroll

ISBN: 978-1-63549-270-5 | \$150.00 US | Year 2017

Book Size: 7.75"x10.5" | 330pp./Colored | Hardback

## Environmentalism and Sustainability

This book outlines the processes and applications of environmentalism and sustainability in detail. It will explain broadly the various techniques and methods of sustainable use of environmental resources. Environmentalism refers to a philosophy and world-view which stresses on the optimum and sustainable use of natural resources. It includes concepts like biodiversity preservation, ecology conservation, land ethics and biophilia hypothesis, etc. This book elucidates the concepts and innovative models around prospective development with respect to environmentalism and sustainability. Also included in this book is a detailed explanation of the various applications related to this field. Selected concepts that redefine the field have been presented in this text. The book is appropriate for those seeking detailed information in this area.



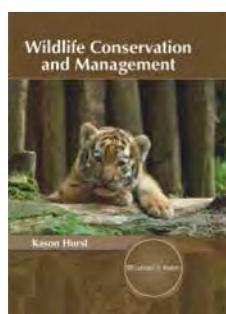
Johnny McDougall

ISBN: 978-1-63549-114-2 | \$142.00 US | Year 2017

Book Size: 7.75"x10.5" | 326pp./Colored | Hardback

## Wildlife Conservation and Management

Conserving wildlife is the need of the hour. Due to the burgeoning human population, the ecosystems of plants and animals are getting degraded and are creating a huge wildlife crisis. To stop the exploitation of wildlife environments for human benefit, wildlife management is crucial. This book aims to make the subjects of wildlife conservation and wildlife management easier. The topics included in it provide students with the basic theories related to the field. Also explained are the various allied branches that are related to this field. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.



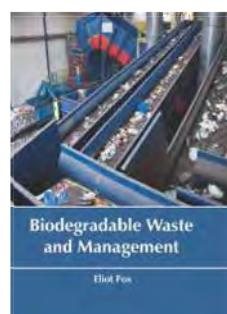
Kason Hurst

ISBN: 978-1-63549-296-5 | \$147.00 US | Year 2017

Book Size: 7"x10" | 305pp./Colored | Hardback

## Biodegradable Waste and Management

Biodegradation refers to the process of the decomposition of materials by microorganisms like fungi, bacteria, etc. It is a natural process, which enables the disintegration of waste in the nature. It is often used in fields like waste management, ecology, natural environment and biomedicine, etc. This book is a compilation of chapters that discuss the most vital concepts in the field of biodegradation. It is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of the subject. The text aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.



Eliot Fox

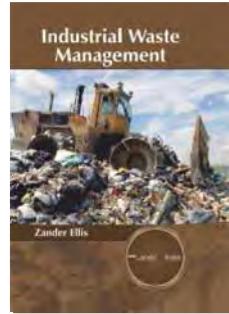
ISBN: 978-1-63549-040-4 | \$130.00 US | Year 2017

Book Size: 7.75"x10.5" | 229pp./Colored | Hardback

# Environmental Sciences

## Industrial Waste Management

Industrial waste is a major concern of environmentalists and government authorities around the world. Thus, the issue of managing this waste is also very concerning. To combat this problem, countries and world organizations have made some rules and regulations, which are followed by countries worldwide. Through this book, we attempt to provide the basic and fundamental concepts and laws of industrial waste management to students. The topics introduced in this extensive text are of utmost importance and provide deep knowledge about this area. As this subject is developing at a rapid pace, the contents of this textbook will help the students to understand the modern concepts and applications of the subject.

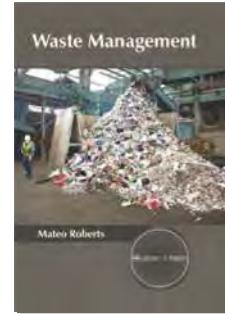


**Zander Ellis**

ISBN: 978-1-63549-149-4 | \$147.00 US | Year 2017  
Book Size: 7"x10" | 311pp./Colored | Hardback

## Waste Management

As the population of the world is rising, so is the amount of waste produced. It has become an issue to control this ever growing waste problem, therefore, waste management is important. Waste management refers to the field of using various actions, activities, technologies and methods to manage waste. It also includes transport, collection, disposal and treatment of waste. This book attempts to understand the multiple branches that fall under the discipline of waste management and how such concepts have practical applications. Most of the topics introduced in this book cover new techniques and the applications of this subject. Different approaches, evaluations and methodologies and advanced studies have been included in it. For all those who are interested in waste management, this textbook can prove to be an essential guide.

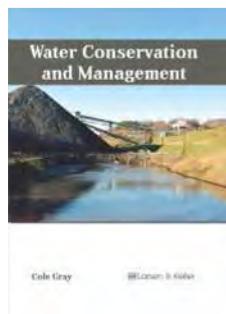


**Mateo Roberts**

ISBN: 978-1-63549-287-3 | \$147.00 US | Year 2017  
Book Size: 7"x10" | 303pp./Colored | Hardback

## Water Conservation and Management

Although, water is an abundant resource but useful, freshwater is scarce. Therefore, there is a necessity to conserve it for this and upcoming generations. Water conservation refers to the optimum utilization of water and crafting policies, laws, regulations and rules to insure its proper use. Water management is required to meet the demand and prevent disasters like droughts. The book aims to shed light on some of the unexplored aspects of water conservation. It is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of this field. The topics covered in it offer the readers new insights about this subject. This textbook aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.

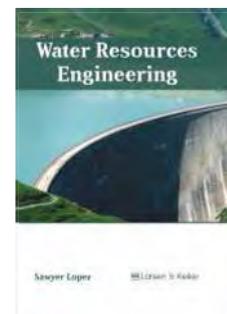


**Cole Gray**

ISBN: 978-1-63549-288-0 | \$135.00 US | Year 2017  
Book Size: 7.75"x10.5" | 256pp./Colored | Hardback

## Water Resources Engineering

This book provides comprehensive insights about water resources. It attempts to understand the multiple branches that fall under this discipline and how such concepts have uses in our environment. Water resources refer to the naturally occurring water bodies which are useful in industrial, agricultural, household and environmental activities. They are found in fresh and saltwater forms. The aim of this text is to provide the students the basic idea of this field. It is a compilation of chapters that discuss the most vital concepts in the field of water resources and its necessity and management. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.



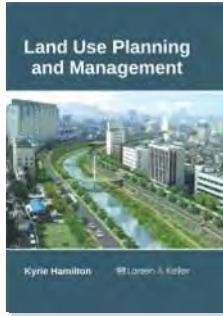
**Sawyer Lopez**

ISBN: 978-1-63549-291-0 | \$130.00 US | Year 2017  
Book Size: 7.75"x10.5" | 224pp./Colored | Hardback

# Environmental Sciences

## Land Use Planning and Management

This book elucidates new techniques and applications of land use planning in a multidisciplinary approach. Land use planning refers to proper planning and distribution of land, so as to reduce conflicts and to utilize the available land in an optimum way. It encompasses areas like urban planning, regional planning, urban design, environmental planning and strategic planning, etc. Most of the topics introduced in this text cover new techniques and the applications of land use planning. It unfolds the innovative aspects of this area which will be crucial for the holistic understanding of the subject matter. This textbook is a complete source of knowledge on the present status of this important field.

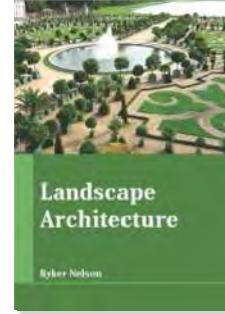


**Kyrie Hamilton**

ISBN: 978-1-63549-162-3 | \$150.00 US | Year 2017  
Book Size: 7.75"x10.5" | 279pp./Colored | Hardback

## Landscape Architecture

Landscape architecture is the field which encompasses designing outdoor spaces, public areas, structures and landmarks, etc. The designs are made to bring out aesthetic, environmental and social-behavioral outcomes. This field includes subjects like green infrastructure planning, site planning, landscape design, stormwater management, parks and recreation planning and environmental restoration, etc. This book provides comprehensive insights into the field of landscape architecture. It picks up individual branches and explains their need and contribution in the context of the growth of this field. The topics covered in this extensive book deal with the core subjects of landscape architecture. The textbook aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.



**Ryker Nelson**

ISBN: 978-1-63549-163-0 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 249pp./Colored | Hardback

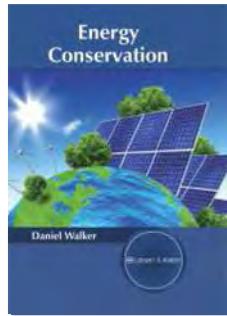


# Energy

Energy

## Energy Conservation

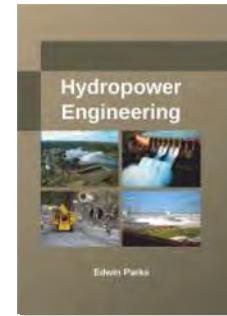
Due to the rise in world population in the last couple of decades, the need for energy conservation has dramatically risen. Governments across the globe are stressing on the use of alternative energy production methods like solar panels, hydropower, wind energy, etc. so as to limit the use of biodiesel in energy production. This green movement is being followed to conserve and preserve energy for the future generations. The aim of this text is to equip students with all the latest developments made in this field. The topics introduced in the book cover all the elements from the most basic to the most complex. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject.



Daniel Walker

ISBN: 978-1-63549-103-6 | \$155.00 US | Year 2017

Book Size: 7"x10" | 315pp./Colored | Hardback



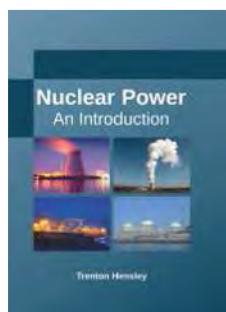
Edwin Parks

ISBN: 978-1-63549-147-0 | \$130.00 US | Year 2017

Book Size: 7.75"x10.5" | 312pp./Colored | Hardback

## Nuclear Power: An Introduction

One of the most path-breaking and controversial inventions of recent scientific history is nuclear power. It refers to the production of nuclear energy through nuclear fission and fusion. This energy is then used to produce electricity in nuclear power plants. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of nuclear power. The topics included in this book are of utmost significance and bound to provide incredible insights to readers. This book is a complete source of knowledge on the present status of this important field. Those in search of information to further their knowledge will be greatly assisted by this textbook.



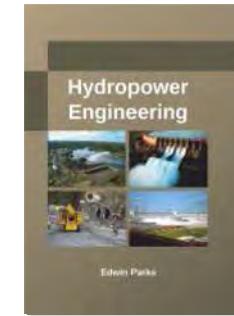
Trenton Hensley

ISBN: 978-1-63549-198-2 | \$135.00 US | Year 2017

Book Size: 7.75"x10.5" | 354pp./Colored | Hardback

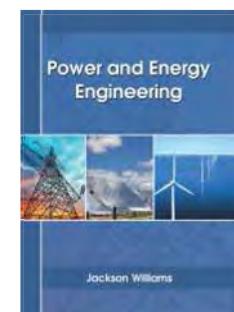
## Hydropower Engineering

Hydropower engineering deals with the study of hydropower. It concerns itself with the design, construction and management of machines and structures which can be used to produce hydroelectric power. This study is generally used in textile mills, ore mills, dock cranes and also for irrigation. This book provides students with deep knowledge about the subject. It includes various topics that deal with the core concepts of hydropower engineering. The various sub-fields along with technological progress that have future implications are glanced at in it. This book explores all the important aspects of hydropower engineering in the present day scenario. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.



## Power and Energy Engineering

Energy engineering is a new and rapidly growing field of engineering. It is concerned with facility management, alternative energy technologies, energy services, environmental compliance, energy efficiency, etc. It uses the elements of chemistry, environmental engineering, maths, physics, and economic engineering to work efficiently. Power engineering is that branch of energy engineering, which deals with transmission, utilization, generation and distribution of electric power and devices like transformers, generators and motors, etc. This book is designed to provide students with the topics which are of utmost significance. It picks up individual branches and explains their need and contribution in the context of the growth of this subject. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.



Jackson Williams

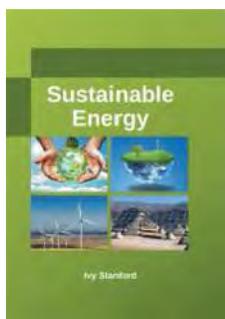
ISBN: 978-1-63549-230-9 | \$130.00 US | Year 2017

Book Size: 7"x10" | 270pp./Colored | Hardback

# Energy

## Sustainable Energy

Sustainable energy refers to the science of producing electricity from sustainable and renewable resources to minimize pollution. The resources used for this practice are biomass power, solar power, tidal power, wind power, geothermal power, hydropower, nuclear power, etc. The aim of this book is to familiarize readers with this vast and rapidly growing subject of sustainable energy. It is designed to provide the students in-depth knowledge about this subject. The topics included in this extensive textbook are of utmost importance and are bound to provide thorough insights to the reader about this field. Some of the diverse topics covered in it address the varied branches that fall under this category. This text is an essential guide for students in the field of renewable energy systems engineering, environmental monitoring and analysis and power engineering.



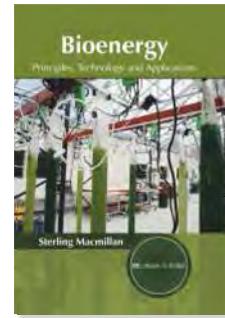
Ivy Stanford

ISBN: 978-1-63549-140-1 | \$147.00 US | Year 2017

Book Size: 7.75"x10.5" | 256pp./Colored | Hardback

## Bioenergy: Principles, Technology and Applications

This book provides comprehensive insights into the field of bioenergy. It attempts to understand the multiple branches that fall under this discipline and how such concepts have practical applications. Bioenergy refers to a form of renewable energy which is produced by using biological resources. The resources used are biomass, wood, straw, sugar cane, manure and other agricultural products. This book also describes in detail the positive and the negative impacts of bioenergy. Most of the topics introduced in this textbook cover new techniques and the applications of bioenergy. Different approaches, evaluations and methodologies on this subject have been included in it. For someone with an interest and eye for detail, this book covers the most significant topics in the field of bioenergy. This text will serve as a reference to a broad spectrum of readers.



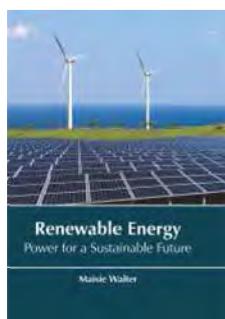
Sterling Macmillan

ISBN: 978-1-63549-043-5 | \$142.00 US | Year 2017

Book Size: 7"x10" | 295pp./Colored | Hardback

## Renewable Energy: Power for a Sustainable Future

This book attempts to understand the multiple branches that fall under the discipline of renewable energy and how such concepts have practical applications. It discusses in detail the importance and application of renewable energy. It is a compilation of chapters that discuss the most vital concepts of this field. Renewable energy refers to the energy produced by the resources which are natural and renewable like sun, water, wind, geothermal heat etc. The energies produced by these resources are solar, hydropower, geothermal energy and wind energy respectively. Renewable energy is an alternative to non-renewable energy like petroleum, fossil fuels, etc. Such selected concepts that redefine this subject area have been presented in this text. The various subfields along with technological progress that have future implications are glanced at in it. Those with an interest in the field of renewable energy would find this textbook helpful.



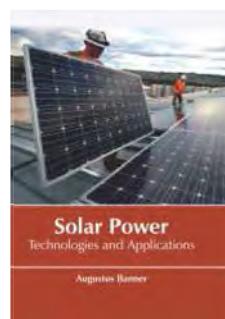
Maisie Walter

ISBN: 978-1-63549-249-1 | \$150.00 US | Year 2017

Book Size: 7.75"x10.5" | 307pp./Colored | Hardback

## Solar Power: Technologies and Applications

One of the most important form of renewable energy is solar energy. It refers to the science of producing energy from rays of sun by using technologies like solar panels, solar architecture, photovoltaics, artificial photosynthesis and solar heating, etc. It is used to control the growing pollution and depletion of natural resources. The aim of this book is to present the topic of solar energy in great detail and to provide in-depth information about its various uses. The topics introduced in this extensive text are of utmost significance and appropriate of learning about the most basic to most complex concepts related to this topic. Different approaches, evaluations and methodologies and advanced studies have been included in it. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject.



Augustus Banner

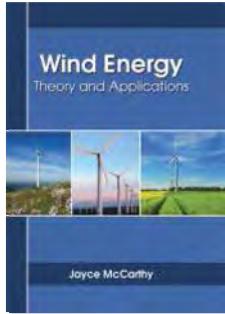
ISBN: 978-1-63549-264-4 | \$147.00 US | Year 2017

Book Size: 7.75"x10.5" | 229pp./Colored | Hardback

# Energy

## Wind Energy: Theory and Applications

This book aims to shed light on some of the unexplored aspects of wind energy. It describes in detail the importance of wind power in the present scenario. Wind power refers to the science and technology of using wind turbines to generate electricity. It is a renewable source of energy and is an alternative for fossil fuels. This textbook is a compilation of chapters that discuss the most vital concepts in the field of wind power. It outlines the processes and applications of the subject in detail. Most of the themes introduced in this book cover fundamental techniques and application of wind energy. Coherent flow of topics, student-friendly language and extensive use of examples make the book an invaluable source of knowledge.

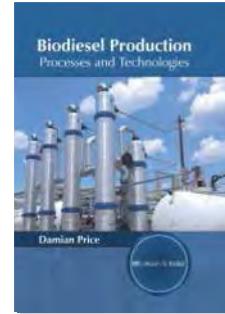


**Jayce McCarthy**

ISBN: 978-1-63549-298-9 | \$145.00 US | Year 2017  
Book Size: 7"x10" | 257pp./Colored | Hardback

## Biodiesel Production: Processes and Technologies

This book elucidates the concepts and innovative models around prospective developments with respect to biodiesel production. It describes in detail the various techniques and applications of this technology. Biodiesel production refers to the process of using esterification and transesterification to produce biofuels and biodiesel. Biodiesel is a substitute for diesel and can be used in a diesel engine. The book aims to provide thorough insights into this field of biodiesel production. It unfolds the innovative aspects of this field which will be crucial for the holistic understanding of the subject matter. The topics covered in this extensive text deal with the core subjects of this area. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.

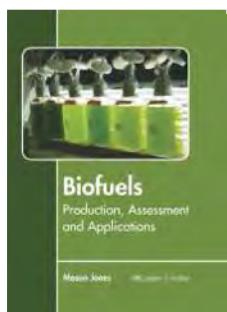


**Damian Price**

ISBN: 978-1-63549-041-1 | \$155.00 US | Year 2017  
Book Size: 7"x10" | 284pp./Colored | Hardback

## Biofuels: Production, Assessment and Applications

This book explores all the important aspects of biofuels in the present day scenario. It discusses in detail the importance of biofuels and their different uses. Biofuels refer to the fuels which are produced by biological processes like anaerobic digestion and agriculture and not by geological processes. The different topics included in this extensive text cover the various forms of biofuel that are available such as biodiesel, bioethanol and biomass. While understanding the long-term perspectives of the topics, the book makes an effort in highlighting their impact as a modern tool for the growth of the discipline. Different approaches, evaluations and methodologies on biofuels have been included in it. This textbook, with its detailed analyses and data, will prove immensely beneficial to students involved in this area of biofuels at various levels.

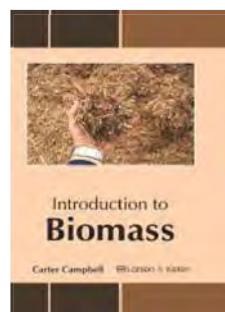


**Mason Jones**

ISBN: 978-1-63549-044-2 | \$130.00 US | Year 2017  
Book Size: 7.75"x10.5" | 220pp./Colored | Hardback

## Introduction to Biomass

This book is a compilation of chapters that discuss the most vital concepts in the field of biomass. It aims to provide the readers with thorough knowledge about this subject. Biomass is organic matter which is produced from living organisms, mainly from plants. It is used in two ways, either directly or by converting it into biofuel. This text is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the area of biomass. Through this book, we attempt to further enlighten the readers about the various techniques and technologies associated with this field. Different approaches, evaluations and methodologies have been included in it. This textbook is an essential guide for graduates and post-graduates in this field.

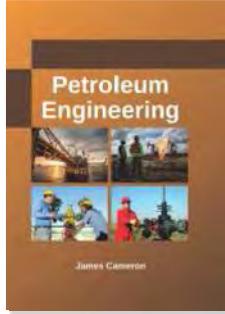


**Carter Campbell**

ISBN: 978-1-63549-046-6 | \$130.00 US | Year 2017  
Book Size: 7"x10" | 224pp./Colored | Hardback

## Petroleum Engineering

Petroleum engineering deals with the production, development, extraction and management of hydrocarbons like crude oil and natural gas. It uses elements of petroleum geology, oil and gas facility engineering, and formation evaluation, etc. This book unfolds the innovative aspects of this subject, which will be crucial for the holistic understanding of this field. Some of the diverse topics covered in it address the branches and technologies that fall under this category. Those in search of information to further their knowledge will be greatly assisted by this textbook. This book will serve as a reference to a broad spectrum of readers.

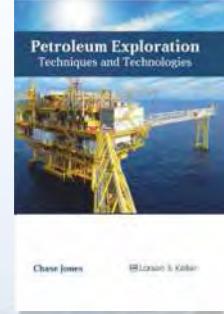


James Cameron

ISBN: 978-1-63549-215-6 | \$135.00 US | Year 2017  
Book Size: 7.75"x10.5" | 306pp./Colored | Hardback

## Petroleum Exploration: Techniques and Technologies

Petroleum exploration or hydrocarbon exploration is the science of exploring oil and gas from under the Earth's surface. It is practiced by petroleum geologists and geophysicists. This branch of science and geology is grouped under petroleum geology. This book elucidates the concepts and innovative models around prospective developments with respect to petroleum exploration. It picks up individual branches and explains their need and contribution in the context of the growth of this field. Most of the topics introduced in this text cover new techniques and the applications of petroleum exploration. Different approaches, evaluations and methodologies and advanced studies have been included in it. This textbook, with its detailed analyses and data, will prove immensely beneficial to professionals and students involved in this area at various levels.



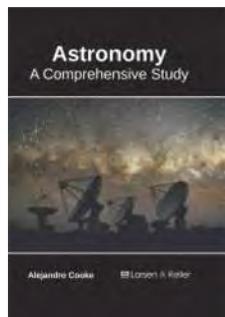
Chase Jones

ISBN: 978-1-63549-216-3 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 229pp./Colored | Hardback

# Earth and Planetary Sciences

## Astronomy: A Comprehensive Study

This book provides comprehensive insights into the field of astronomy. It attempts to understand the multiple branches that fall under this discipline and explains how such concepts have practical applications. Astronomy refers to the study of the chemistry, evolution and physical properties of natural satellites, stars, planets, galaxies, nebulae, moons, asteroids and comets, etc. Astronomy includes subjects like celestial navigation, calendar making, observational astronomy and also astrophysics, etc. Most of the topics introduced in this text cover new techniques and the applications of astronomy. While understanding the long-term perspectives of the topics, the book makes an effort in highlighting their impact as a modern tool for the growth of the discipline. Through this book, we attempt to further enlighten the readers about the new concepts in this field.



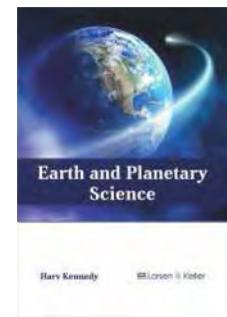
**Alejandro Cooke**

ISBN: 978-1-63549-033-6 | \$140.00 US | Year 2017

Book Size: 7.75"x10.5" | 301pp./Colored | Hardback

## Earth and Planetary Science

Planetary sciences is a vast field which studies the planets, planetary systems and natural satellites. It includes earth sciences which is concerned with the study of earth's hydrosphere, biosphere, atmosphere and biosphere. Earth sciences incorporates the rules and laws of physics, mathematics, biology and chemistry, etc. This book attempts to understand the multiple branches that fall under the discipline of earth and planetary sciences and how such concepts have practical applications. Such selected concepts that redefine this subject have been presented in the text. Different approaches, evaluations and methodologies and advanced studies have been included in it. It will serve as a valuable source of reference for those interested in this field.



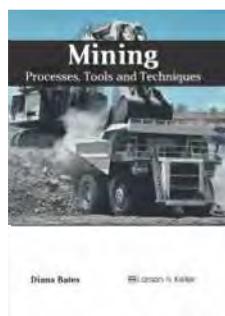
**Harv Kennedy**

ISBN: 978-1-63549-089-3 | \$142.00 US | Year 2017

Book Size: 7.75"x10.5" | 238pp./Colored | Hardback

## Mining: Processes, Tools and Techniques

Mining refers to the practice of extracting minerals from reef, orebody, vein, lode, etc. that are present inside and on earth. Mining results in the extraction of ores like limestones, metals, clay, gemstone, gravel, coal, etc. It is also used to extract vital non-renewable resources like petroleum, water and natural gas. It is an important activity which results in economic source for many countries and also provides us with crucial elements. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of mining. Some of the diverse topics covered in it address the varied branches that fall under this category. Also included in this text is a detailed explanation of the various concepts and applications of mining. The book will serve as a reference to a broad spectrum of readers.



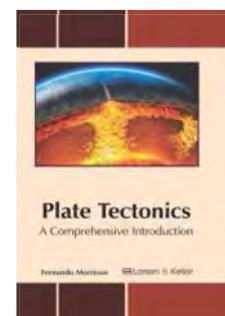
**Diana Bates**

ISBN: 978-1-63549-186-9 | \$135.00 US | Year 2017

Book Size: 7.75"x10.5" | 211pp./Colored | Hardback

## Plate Tectonics: A Comprehensive Introduction

Plate tectonics is the theory which deals with the study of movements of the seven large plates and other smaller plates that compose the lithosphere of Earth. It is crucial in the study of the geographical movement and evolution of the Earth's landmass as well as for studying and forecasting volcanic and seismic activities. This book unfolds the innovative aspects of the area which will be crucial for the holistic understanding of the subject matter. The topics covered in this extensive text deal with the core subjects of plate tectonics. This textbook is meant for students who are looking for an elaborate reference text on this subject area.



**Fernando Morrison**

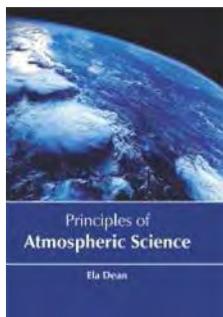
ISBN: 978-1-63549-226-2 | \$140.00 US | Year 2017

Book Size: 7"x10" | 252pp./Colored | Hardback

# Earth and Planetary Sciences

## Principles of Atmospheric science

The book aims to shed light on some of the unexplored aspects of atmospheric sciences. It explains in detail the use and importance of this subject. Atmospheric sciences is the vast subject which includes the study of earth's atmosphere. It also includes the fields like meteorology which includes atmospheric chemistry and atmospheric physics, climatology and aeronomy. This book picks up individual branches and explains their need and contribution in the growth of this field. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of atmospheric sciences. This text is a complete source of knowledge on the present status of this important field.

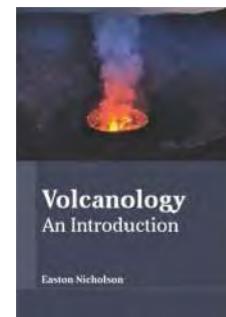


Ela Dean

ISBN: 978-1-63549-035-0 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 238pp./Colored | Hardback

## Volcanology: An Introduction

This book explores all the important aspects of volcanology in the present day scenario. It elucidates the different techniques and methods used in this subject matter. Volcanology is concerned with the detailed study of volcanoes, magma, lava and other geochemical, geological and geophysical elements related to volcanoes. It also includes the study of the formation, activity and eruptions of volcanoes. Most of the topics introduced in this text cover new techniques and the applications of volcanology. The various subfields of this discipline along with technological progress that have future implications are glanced at in it. This textbook is meant for students who are looking for an elaborate reference text on volcanology.

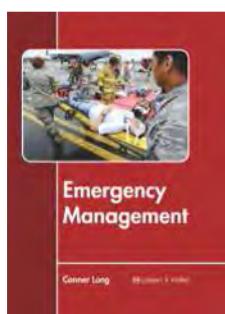


Easton Nicholson

ISBN: 978-1-63549-286-6 | \$140.00 US | Year 2017  
Book Size: 7"x10" | 280pp./Colored | Hardback

## Emergency Management

Emergency management or disaster management is a field which deals with the management of situations when a natural or man made disaster strikes. It includes making plans and schemes to minimize the impact of the hazard and control the rate of mortality and other losses. This book aims at providing the students with thorough insights into the field of emergency management. It explains the complex subject in the most comprehensible and easy to understand language. Most of the topics introduced in this textbook cover new techniques, technologies and the applications of emergency management. Coherent flow of topics, student-friendly language and extensive use of examples make this text an invaluable source of knowledge.

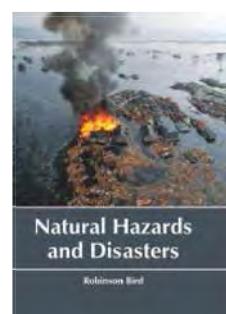


Conner Long

ISBN: 978-1-63549-102-9 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 310pp./Colored | Hardback

## Natural Hazards and Disasters

Natural Hazards are the natural events that cause a negative impact on people and their environment. These can be divided into two broad categories, one geophysical hazards like volcanic eruptions, earthquakes, cyclonic storms and coastal erosions, etc. and second, biological hazards like floods, wildfires, etc. This book is a compilation of chapters that discuss the most vital concepts in the field of natural hazards. It explores all the important aspects of this field in the present day scenario. Different approaches, evaluations and methodologies and advanced studies have been included in it. This textbook, with its detailed analyses and data, will prove immensely beneficial to professionals and students involved in this area at various levels.



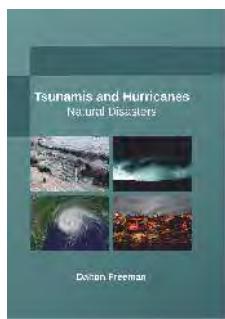
Robinson Bird

ISBN: 978-1-63549-195-1 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 251pp./Colored | Hardback

# Earth and Planetary Sciences

## Tsunamis and Hurricanes: Natural Disasters

Natural disasters like hurricanes and tsunami can cause serious damage to human settlements. The impact of these ecological events can be gauged by the facts that the cost to state and people caused are very significant. Hurricanes are tropical cyclones and usually occur near tropical areas. Tsunami is a seismic sea wave, and it is caused by earthquakes which occur deep inside the oceans. This book elucidates the concepts and innovative models around prospective developments with respect to hurricanes and tsunami. This text is a compilation of chapters that discuss the most vital concepts in this field. Some of the diverse topics covered in the text address the varied branches that fall under this category. It aims to serve as a resource guide for students and facilitate the growth of the discipline.



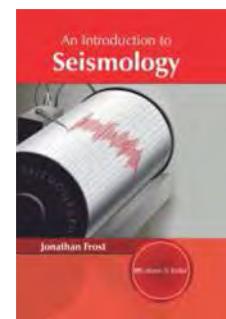
Dalton Freeman

ISBN: 978-1-63549-146-3 | \$130.00 US | Year 2017

Book Size: 7.75"x10.5" | 315pp./Colored | Hardback

## An Introduction to Seismology

This book provides comprehensive insights into the field of seismology. It talks in detail about the different concepts and scientific theories related to this field. Seismology refers to the study of the earthquakes and their causes. It also includes the study of the effects of earthquakes and other seismically caused disasters like volcanoes, tectonic explosions, tsunamis, etc. The book is compiled in such a manner, that it will provide in-depth knowledge about the latest theory about earthquakes. The topics included in it are of utmost significance and are bound to provide incredible insights to readers. Those in search of information to further their knowledge will be greatly assisted by this textbook.



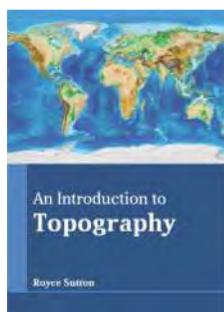
Jonathan Frost

ISBN: 978-1-63549-258-3 | \$135.00 US | Year 2017

Book Size: 7"x10" | 284pp./Colored | Hardback

## An Introduction to Topography

This book elucidates the concepts and innovative models around prospective developments with respect to topography. It describes in detail the concepts and techniques related to this field. Topography refers to the study of the earth's surface and of other celestial bodies like moons, asteroids and other planets, etc. It is generally used to make maps and it a vital part of geoscience. It also includes the study of terrains and specific landforms. And is sometimes referred to as geomorphometry. This text is a compilation of chapters that discuss the most important concepts in the field of topography. It unfolds some innovative aspects which will be crucial for the holistic understanding of the subject matter. This textbook is an essential guide for both academicians and those who wish to pursue this discipline further.



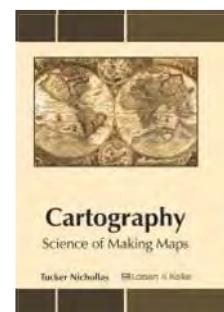
Royce Sutton

ISBN: 978-1-63549-277-4 | \$155.00 US | Year 2017

Book Size: 7"x10" | 257pp./Colored | Hardback

## Cartography: Science of Making Maps

Cartography concerns itself with the study and application of making maps. It is an important practice in the fields of transportation and circumnavigation, military and research-related purposes. The book aims to shed light on some of the fundamental concepts of cartography. It is specifically designed for the students to learn details about this field. This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles of the area. The topics covered in this extensive book deal with the core subjects of cartography. Through this text, we attempt to further enlighten the readers about the new techniques in this field.



Tucker Nichollas

ISBN: 978-1-63549-059-6 | \$150.00 US | Year 2017

Book Size: 7"x10" | 310pp./Colored | Hardback

# Earth and Planetary Sciences

## Earthquake Engineering

Through this book effort has been made to make the complex and intricate subject of earthquake engineering, as easy and informative as possible. The book provides deep insights into the theory and practice of this discipline. Earthquake engineering is concerned with the designing and construction of buildings which are earthquake resistant and can bear the force of this natural hazard. As, the threat of earthquakes is increasing and the population density of cities is also increasing, making buildings with earthquakes in mind is becoming pivotal. Thus, the chapters included in this text will cover the most important topics with regard to earthquake engineering. Some of the diverse topics covered in the book address the varied branches that fall under this category. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject.



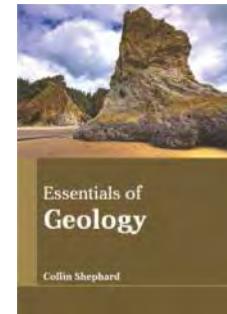
**Devin Burns**

ISBN: 978-1-63549-090-9 | \$135.00 US | Year 2017

Book Size: 7"x10" | 254pp./Colored | Hardback

## Essentials of Geology

Geology is an intricate field which deals with the study of solid surface of any celestial body, especially, earth. It includes the examination of earth's surface, its rocks and their changing process. It is important as it provides information about plate tectonics, past climate and also, the evolution of earth. This important field is thoroughly explained in this extensive book. It provides deep insights into the subject and also explains its importance in the present day scenario. This text unfolds the complex aspects of geology which will be crucial for the holistic understanding of the subject matter. Some of the diverse topics covered in it address the varied branches that fall under this category. This textbook, with its detailed data, will prove immensely beneficial to professionals and students involved in this area at various levels.



**Collin Shephard**

ISBN: 978-1-63549-134-0 | \$150.00 US | Year 2017

Book Size: 7"x10" | 321pp./Colored | Hardback

## Introduction to Meteorology

As a part of atmospheric sciences, meteorology refers to the scientific study of the atmosphere. It aims to measure and forecast atmospheric pressure and related phenomena through technology as well as the laws of physics. This book is designed specifically for students. It contains topics that are introduced to provide the readers with the basic concepts of the subject. The various sub-fields of meteorology along with technological progress that have future implications are glanced at in it. Different approaches, evaluations and methodologies have been included in this text. It will serve as a valuable source of reference for those interested in this field.



**Brady Walton**

ISBN: 978-1-63549-078-7 | \$130.00 US | Year 2017

Book Size: 7.75"x10.5" | 231pp./Colored | Hardback

## Mineralogy

This book provides comprehensive insights into the field of mineralogy. It talks in detail about the various important methods and techniques used in this intricate field. Mineralogy refers to the study of minerals. It examines the physical, chemical and crystal structure properties of different minerals. This study is conducted to classify them, know about their origin, to get information about their geographical distribution and also their uses. Most of the topics introduced in this text cover new uses and the applications of mineralogy. The various subfields of the area along with technological progress that have future implications are glanced at in it. It will provide comprehensive knowledge to the readers. This textbook aims to serve as a resource guide for students and facilitate the study of the discipline.



**Cyaden Ross**

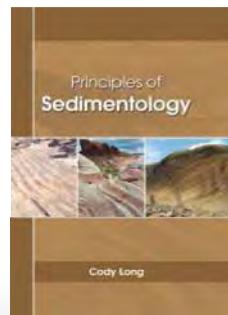
ISBN: 978-1-63549-185-2 | \$140.00 US | Year 2017

Book Size: 7.75"x10.5" | 270pp./Colored | Hardback

# Earth and Planetary Sciences

## Principles of Sedimentology

Sedimentology refers to the study of different sediments present on planet Earth. This study includes the examination of clay, silt and sand so as to get information regarding the erosion process, lithification, deposition, weathering and diagenesis, etc. This book is a compilation of chapters that discuss the fundamental concepts in the field of sedimentology. It includes a detailed explanation of the various methods and techniques of this subject. For all those who are interested in this area, the text can prove to be an essential guide. As this field is emerging at a rapid pace, the contents of this book will help the readers understand the modern concepts and applications of the field.

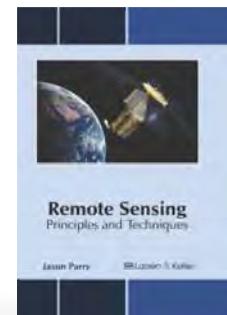


Cody Long

ISBN: 978-1-63549-254-5 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 290pp./Colored | Hardback

## Remote Sensing: Principles and Techniques

This book elucidates the concepts and innovative models around prospective developments with respect to remote sensing. It provides detailed information about the various uses and methods of the subject. Remote sensing refers to the science of examining and understanding an object without going into its actual surroundings or making any physical contact with the object. It is applied in the fields like geology, geography, hydrology and ecology, etc. Most of the topics covered in this important book cover new techniques and application of remote sensing. The aim of this textbook is to give students complete information about this vast and complex subject. The topics included in the text offer thorough insights to the readers about remote sensing. It is an essential guide for graduates and post-graduates in the fields of wireless communication devices, computational analysis and aerial photography and radiometry.

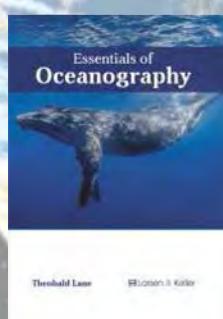


Jaxon Parry

ISBN: 978-1-63549-248-4 | \$145.00 US | Year 2017  
Book Size: 7"x10" | 283pp./Colored | Hardback

## Essentials of Oceanography

Oceanology or oceanography is a sub-field of earth sciences. It is concerned with the study of oceans. It includes topics like waves, ecosystem dynamics, seafloor geology, plate tectonics, physical properties and geophysical fluid dynamics, etc. Oceanographers study subjects like climatology, meteorology, geology and hydrology, etc. This book provides thorough insights into the field of oceanography. The topics included in it on the subject are of utmost significance and bound to provide incredible insights to readers. It also explores all the important aspects of this area in the present day scenario. Coherent flow of topics, student-friendly language and extensive use of examples make this book an invaluable source of knowledge.



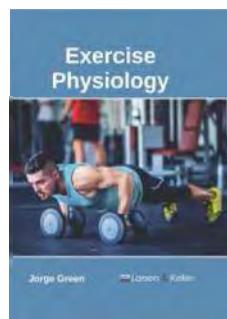
Theobald Lane

ISBN: 978-1-63549-203-3 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 251pp./Colored | Hardback

# Sports and Rehabilitation Medicine

## Exercise Physiology

This book is a compilation of chapters that discuss the most vital concepts in the field of exercise physiology. It provides deep insights about the fundamentals of this area. Exercise physiology refers to the study of the effects and results of different exercises. It examines the effect exercise has on humans like the various metabolic changes happening in the brain and other body parts, fatigue and its effects on brain. This textbook unfolds the innovative aspects of exercise physiology that will be crucial for the holistic understanding of the subject matter. Coherent flow of topics, student-friendly language and extensive use of examples make this text an invaluable source of knowledge.



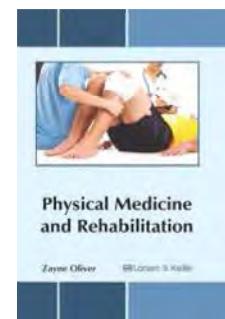
**Jorge Green**

ISBN: 978-1-63549-117-3 | \$135.00 US | Year 2017

Book Size: 7.75"x10.5" | 262pp./Colored | Hardback

## Physical Medicine and Rehabilitation

Physical medicine and rehabilitation is that medicine which is used to restore the functional ability related to musculoskeletal disorders and quality of life for people suffering from disabilities. It is mainly used for patients dealing with issues of the nervous system, ligaments, muscles or bone injuries. This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of physical medicine and rehabilitation. While understanding the long-term perspectives of the topics, it makes an effort in highlighting their impact as a modern tool for the growth of the discipline. This textbook will provide comprehensive knowledge to the readers. For all those who are interested in physical medicine and rehabilitation, this book can prove to be an essential guide.



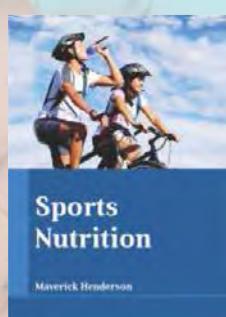
**Zayne Oliver**

ISBN: 978-1-63549-221-7 | \$155.00 US | Year 2017

Book Size: 7"x10" | 280pp./Colored | Hardback

## Sports Nutrition

This book provides comprehensive insights into the field of sports nutrition. It contains various topics that are essential for the understanding of the basic concepts of this field. Sports nutrition refers to the science of food related with the performance of an athlete. It is an important field, as the body of an athlete is different from that of a regular person. Thus, the food intake required by the athlete is more than other people. Sports nutritionists study about the vitamins, minerals, organic substances and supplements that will provide better nutrition to the sports person and enhance his/her health. Such selected concepts that redefine this area have been presented in this text. It is an essential guide for both academicians and those who wish to pursue this discipline further.



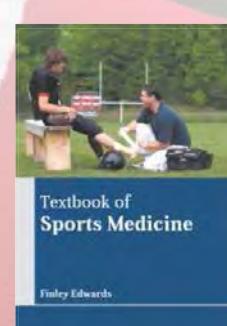
**Maverick Henderson**

ISBN: 978-1-63549-266-8 | \$140.00 US | Year 2017

Book Size: 7"x10" | 285pp./Colored | Hardback

## Textbook of Sports Medicine

This book outlines the processes and applications of sports medicine in detail. It provides in-depth insights about the various concepts and theories related to this subject. Sports medicine deals with the study and practice of providing health care and medical assistance to the athletes and sports persons. It mainly deals with sports injury and generally works in the field of muscular cramps and other sprains, splints or strains. The topics covered in this extensive text deal with the core subjects of sports medicine. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.



**Finley Edwards**

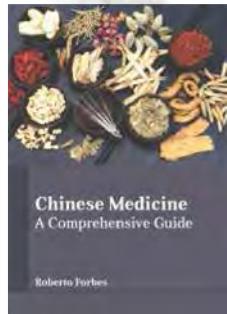
ISBN: 978-1-63549-010-7 | \$147.00 US | Year 2017

Book Size: 7"x10" | 335pp./Colored | Hardback

# Complementary and Alternative Medicine

## Chinese Medicine: A Comprehensive Guide

Chinese medicine or traditional Chinese medicine is an alternate form of treatment. It uses techniques like massage, herbal medicine, exercise, acupuncture, cup therapy, Chinese food therapy, gua sha, and dietary therapy to treat various diseases like asthma, migraine, neurogenic bladder dysfunction, diarrhea, infertility, etc. The book studies, analyses and uphold the pillars of Chinese medicine and its utmost significance in modern times. Some of the diverse topics covered in it address the varied branches that fall under this category. The topics covered in this text offer students new insights in this field. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.

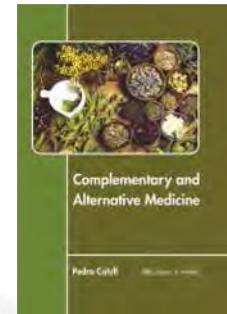


**Roberto Forbes**

ISBN: 978-1-63549-065-7 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 263pp./Colored | Hardback

## Complementary and Alternative Medicine

Alternative medicine comprise of those medicinal and healing practices that do not follow medical diagnosis for intervention and treatment. They are based on local or traditional belief systems and have slow effects. This textbook will explain in detail the diverse methods of treatment that exist in alternate medicine. It will also elaborate on the different types of techniques used under this field. The topics included in this text on complementary and alternative medicine are of utmost significance and are bound to provide incredible insights to readers. Those in search of information to further their knowledge will be greatly assisted by this textbook.

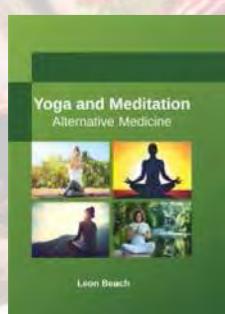


**Pedro Cahill**

ISBN: 978-1-63549-071-8 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 343pp./Colored | Hardback

## Yoga and Meditation: Alternative Medicine

This book explores all the important aspects of yoga and meditation in the present day scenario. It explores all the different forms and methods of yoga and provides thorough knowledge about them. Yoga and meditation is an alternate form of therapy and exercise originating from India. It is used to cure various mental and physical diseases as well as maintain fitness and agility. Some of the diverse topics covered in this book address the varied types of yoga and meditation techniques that are used in the present times. The topics included in this text are of utmost significance and are bound to provide incredible insights to readers. This textbook attempts to assist those with a goal of delving into the field of yoga and meditation.



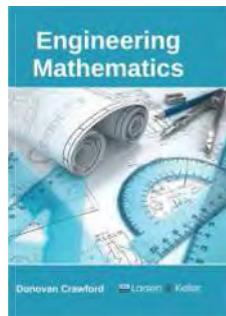
**Leon Beach**

ISBN: 978-1-63549-259-0 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 355pp./Colored | Hardback

# Engineering and Technology

## Engineering Mathematics

The methods and techniques used in the industry and engineering field are engineering mathematics or technomath. It is a branch of applied mathematics and it includes complex analysis, linear algebra, approximation theory, and Fourier analysis, etc. Engineering mathematics is further divided into two special sub-heads namely engineering statistics and engineering optimization. The book studies, analyses and uphold the pillars of engineering mathematics and its utmost significance in modern times. The various sub-fields of the subject along with technological progress that have future implications are glanced at in it. For someone with an interest and eye for detail, this textbook covers the most significant topics in the field of engineering mathematics.

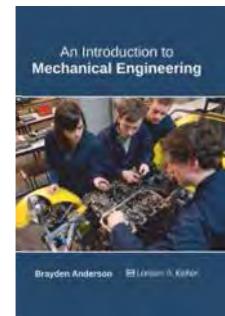


**Donovan Crawford**

ISBN: 978-1-63549-106-7 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 388pp./Colored | Hardback

## An Introduction to Mechanical Engineering

This book elucidates new techniques and applications of mechanical engineering in a multidisciplinary approach. It discusses in detail the various uses of this field in the present day scenario. Mechanical engineering refers to the practice of using the elements of material sciences, physics and engineering for the design, maintenance, construction and operation of mechanical systems. This textbook is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of mechanical engineering. Some of the diverse topics covered in it address the varied branches that fall under this category. This text is an essential guide for students in the fields of materials science, kinematics and industrial engineering.

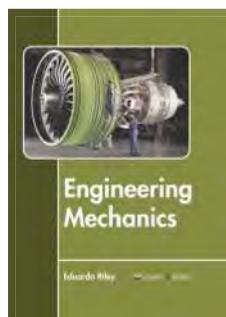


**Brayden Anderson**

ISBN: 978-1-63549-179-1 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 275pp./Colored | Hardback

## Engineering Mechanics

This book is a compilation of chapters that discuss the most vital concepts in the field of engineering mechanics. It provides fundamental insights about this subject. Engineering mechanics or applied mechanics refers to the field of engineering that deals with study of changes caused by external force on different bodies like solids, liquids, etc. It is a part of physical sciences. Most of the topics introduced in this text cover new techniques and applications of engineering mechanics. It unfolds the innovative aspects of the field, which will be crucial for the holistic understanding of the subject matter. Those with an interest in engineering mechanics field would find this textbook helpful.

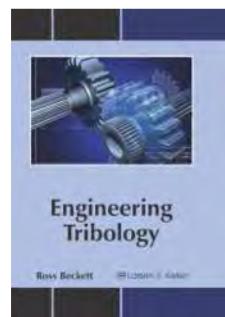


**Eduardo Riley**

ISBN: 978-1-63549-075-6 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 353pp./Colored | Hardback

## Engineering Tribology

Engineering tribology is a subfield of mechanical engineering and it also has elements of material sciences. It is concerned with the topics like wear, lubrication and friction. It studies the changes and differences which occur in bodies when they interact while being in motion. The aim of this text is to provide students with the basic concepts of engineering tribology. It is compiled in such a way that it gives in-depth knowledge of the fundamentals of this subject to the students. Some of the diverse topics covered in this book address the varied branches that fall under this category. This textbook, with its detailed analyses and data, will prove immensely beneficial to students involved in this area at various levels.



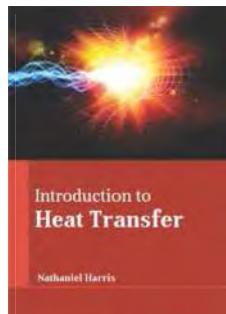
**Ross Beckett**

ISBN: 978-1-63549-279-8 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 383pp./Colored | Hardback

# Engineering and Technology

## Introduction to Heat Transfer

This book unfolds the innovative aspects of heat transfer which will be crucial for the holistic understanding of the subject of heat transfer. It is designed in such a way that it provides a detailed explanation of the various concepts and applications of this subject matter. Heat transfer refers to the process when two or more physical systems exchange thermal energy. It has four modes namely conduction, radiation, advection and convection. The aim of this textbook is to make the complex subject of heat transfer easy to comprehend and understand. The topics included in this text are of utmost significance and bound to provide incredible insights to readers. The various sub-fields along with technological progress that have future implications are glanced at in it. Those in search of information to further their knowledge will be greatly assisted by this textbook.

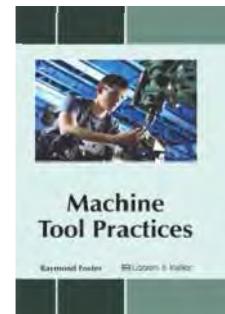


**Nathaniel Harris**

ISBN: 978-1-63549-142-5 | \$130.00 US | Year 2017  
Book Size: 7"x10" | 238pp./Colored | Hardback

## Machine Tool Practices

The aim of this text is to provide students with the most important concepts and methods of machine tool practices. It is designed specially for students to make them understand the basic and most complex techniques of this field. Machine tool refers to machines that are used for shaping and cutting heavy metals and rigid materials. It is used to grind, shear, cut and bore the metals. The topics covered in this book offer the readers new insights in the field of machine tool practices. It explores all the important aspects of this subject in the present day scenario. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.

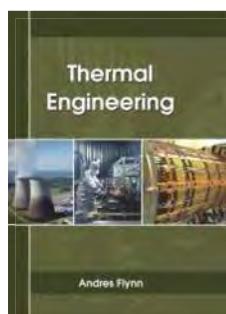


**Raymond Foster**

ISBN: 978-1-63549-168-5 | \$130.00 US | Year 2017  
Book Size: 7"x10" | 326pp./Colored | Hardback

## Thermal Engineering

Thermal engineering is an intricate subject, which includes elements from various fields like fluid mechanics, thermodynamics, mass transfer and heat transfer. It is the study of heating and cooling processes, equipment, and theories used in mechanical and chemical engineering. This book presents the complex subject of thermal engineering in the most comprehensible and easy to understand language. Most of the topics introduced in it cover new techniques and the methods of thermal engineering. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject.



**Andres Flynn**

ISBN: 978-1-63549-275-0 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 292pp./Colored | Hardback

## Welding

Welding refers to the science and practice of joining metals and thermoplastics by using fusion and related techniques like soldering and brazing. The most common methods associated with this area are gas metal arc welding, shielded metal arc welding, electroslag welding, gas tungsten arc welding, etc. The aim of this text is to give students a deep insight about the various methods and technologies used in this field. Most of the topics introduced in it cover new techniques and applications of welding. Different approaches, evaluations and methodologies on the subject have been included in it. The textbook will serve as a valuable source of reference for those interested in this field.



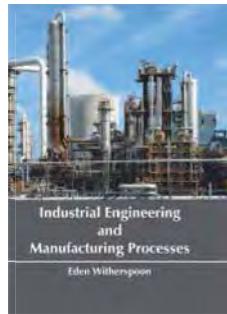
**Gilbert Mead**

ISBN: 978-1-63549-295-8 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 296pp./Colored | Hardback

# Engineering and Technology

## Industrial Engineering and Manufacturing Processes

To work in an optimum way, companies require industrial engineering. It deals with the practice of eliminating the tasks, machines, manufacturing processes, machine time, etc. that are causing delay or are wasting the production time. This field of study is used for better optimization of intricate organizations, processes and systems. This book studies, analyses and uphold the pillars of industrial engineering and manufacturing processes and its utmost significance in modern times. The topics included in it are of utmost significance and bound to provide incredible insights to readers. This textbook is meant for students who are looking for an elaborate reference text on industrial engineering and manufacturing processes.

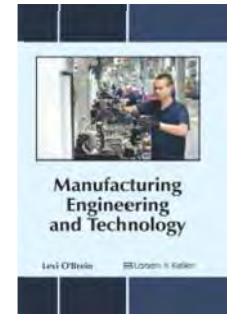


**Eden Witherspoon**

ISBN: 978-1-63549-005-3 | \$150.00 US | Year 2017  
Book Size: 7.75"x10.5" | 303pp./Colored | Hardback

## Manufacturing Engineering and Technology

The book aims to shed light on some of the unexplored aspects of manufacturing engineering. It discusses in detail the different techniques and applications used in this field. Manufacturing engineering refers to the practice of researching, designing, constructing and developing technology like machines, systems, equipments, tools, etc. It is mainly used to turn raw materials into useful products. This book is a compilation of chapters that discuss the most vital concepts in the field of manufacturing engineering. Some of the diverse topics covered in it address the varied branches that fall under this category. Different approaches, evaluations and methodologies have been included in this text. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.

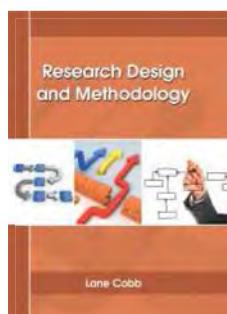


**Levi O'Brien**

ISBN: 978-1-63549-171-5 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 354pp./Colored | Hardback

## Research Design and Methodology

Research design refers to the analysis of different study types like experimental, correlational, review, descriptive, meta-analytic, hypothesis, case study, data collection, independent and dependent variables, statistical analysis, etc. It is designed to find answers to research questions. Through this book, we have attempted to provide students a detailed explanation of the various fundamental concepts of research design and methodology. It picks up individual concepts and explains their need and contribution in the context of the growth of the subject. The topics introduced in the text cover the basic principles of the subject. The textbook aims to serve as a resource guide for students and facilitate the study of the discipline.

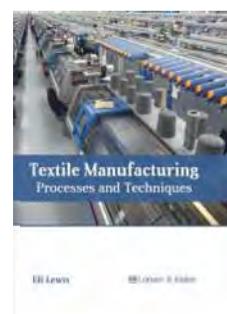


**Lane Cobb**

ISBN: 978-1-63549-250-7 | \$130.00 US | Year 2017  
Book Size: 7"x10" | 297pp./Colored | Hardback

## Textile Manufacturing: Processes and Techniques

Textile manufacturing is a vast industry, which is concerned with turning fibre into yarn and then yarn into fabric. Cotton is most used fibre in this industry. The stages included in textile manufacturing include cultivating and harvesting, preparatory processes, spinning, weaving, finishing and lastly marketing. This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of textile manufacturing. The topics included in it are of utmost significance and bound to provide incredible insights to readers. The various sub-fields of textile engineering along with technological progress that have future implications are glanced at in this textbook. It is an essential guide for both academicians and those who wish to pursue this discipline further.



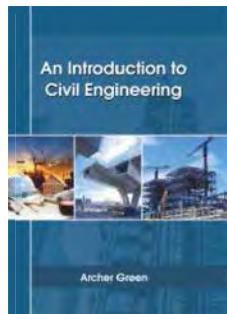
**Eli Lewis**

ISBN: 978-1-63549-274-3 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 209pp./Colored | Hardback

# Engineering and Technology

## An Introduction to Civil Engineering

This book elucidates the concepts and innovative models around prospective developments with respect to civil engineering. It talks in detail about the various theories related to this subject. Civil engineering plays an important role in the development of a country or a place. It incorporates building, designing and maintaining structures like hospitals, canals, roads, dams, etc. It is pivotal in economic and over all growth of a place. Such selected concepts that redefine the subject have been presented in this text. It presents all the important aspects of civil engineering in the present day scenario. This textbook is meant for students who are looking for an elaborate reference text about the subject.

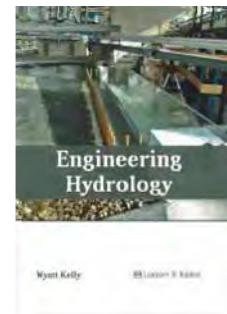


**Archer Green**

ISBN: 978-1-63549-006-0 | \$155.00 US | Year 2017  
Book Size: 7"x10" | 337pp./Colored | Hardback

## Engineering Hydrology

This book provides comprehensive insights into the field of hydrology. It traces the evolution of this field and talks in detail about its importance in the present day scenario. Hydrology refers to the study of quality, distribution and movement of water and water bodies on earth and other planets. It is also concerned with the study of environmental watershed sustainability, water resources and hydrologic cycle. It is used in the fields like geology, environmental engineering, environmental sciences, civil engineering and physical geography. This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of engineering hydrology. Also included in it is a detailed explanation of the various concepts and applications of this subject. It aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.

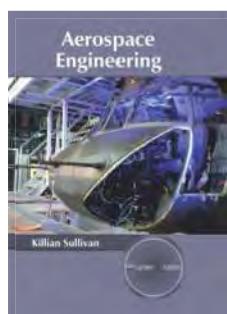


**Wyatt Kelly**

ISBN: 978-1-63549-105-0 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 273pp./Colored | Hardback

## Aerospace Engineering

Aerospace engineering is a vast field of engineering which is concerned with the designing, construction, development of space crafts and aircrafts. It is divided into two major subfields namely, astronautical engineering and aeronautical engineering. This field is often referred to as rocket science. This book elucidates the concepts and innovative models around prospective developments with respect to aerospace engineering. It picks up individual branches and explains their need and contribution in the context of growth of this subject. The various sub-fields of aerospace engineering along with their technological progress that have future implications are glanced at in this text. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject.

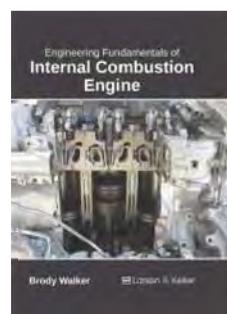


**Killian Sullivan**

ISBN: 978-1-63549-015-2 | \$130.00 US | Year 2017  
Book Size: 7"x10" | 270pp./Colored | Hardback

## Engineering Fundamentals of Internal Combustion Engine

This book elucidates the concepts and innovative models around prospective developments with respect to internal combustion engine. It talks in detail about the techniques and applications of this technology. Internal combustion engine is a heat engine which transforms chemical energy into mechanical energy. It is used in powered aircrafts, jet engines, turbo engines, helicopters, etc. This text attempts to understand the multiple branches that fall under the discipline of internal combustion engines and how such concepts have practical applications. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in this field. The topics covered in this extensive book deal with the core subjects of ICE. This textbook aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.



**Brody Walker**

ISBN: 978-1-63549-155-5 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 277pp./Colored | Hardback

# Engineering and Technology

## Gas Turbine Engineering

The science of gas turbines is an ancient one and is being evolving ever since its discovery. The rise of new technology has positively affected the development process of this technology. Gas turbines are internal combustion engine. They are used to power ships, tanks, air-crafts, trains and even electric generators. The book aims to shed light on some of the unexplored aspects of gas turbine technology. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of gas turbines. The topics covered in this extensive book deal with the core subjects of this field. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge. It will serve as a reference to a broad spectrum of readers.

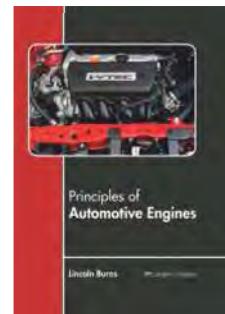


**Zachary Morgan**

ISBN: 978-1-63549-131-9 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 254pp./Colored | Hardback

## Principles of Automotive Engines

This book elucidates new techniques and applications of automotive engine in a multidisciplinary approach. An engine is a machine used to convert chemical energy into mechanical energy through combustion of fuel. It is characterized by a high power-to-weight ratio. The different types of engines are heat engines, electric motors, clockwork motors, molecular motors, pneumatic motors, fire engines, etc. This book is designed to discuss in detail the various motors and their uses and functionality. Most of the topics introduced in it cover new techniques and the applications of engines. It studies, analyses and upholds the pillars of this subject area and its utmost significance in modern times. The various subfields of engines along with technological progress that have future implications are glanced at in it. This textbook is a complete source of knowledge on the present status of this important field.

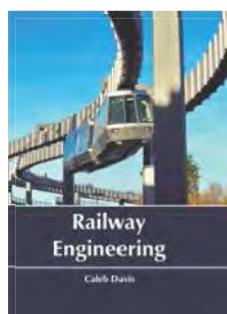


**Lincoln Burns**

ISBN: 978-1-63549-104-3 | \$135.00 US | Year 2017  
Book Size: 7.75"x10.5" | 393pp./Colored | Hardback

## Railway Engineering

Railway engineering is a complex branch of engineering which deals with the vast subject of building, designing, constructing and operating all types of railway networks. It encompasses many elements from a lot of different engineering fields like electrical engineering, industrial engineering, civil engineering, mechanical engineering, production engineering and computer engineering, etc. This book explores all the important aspects of railway engineering in the present day scenario. It unfolds the innovative aspects of this area which will be crucial for the holistic understanding of the subject matter. For someone with an interest and eye for detail, this textbook covers the most significant topics in the field of railway engineering. It is a complete source of knowledge on the present status of this important field.

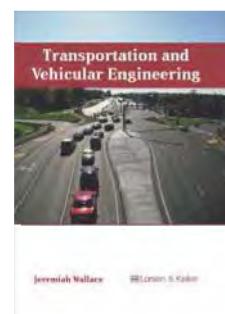


**Caleb Davis**

ISBN: 978-1-63549-247-7 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 248pp./Colored | Hardback

## Transportation and Vehicular Engineering

As a subfield of civil engineering, transportation engineering refers to the science and technology of designing, planning, operating and managing facilities for any vehicle so as to provide a comfortable, safe, convenient, economical, efficient and environment friendly movement of goods and people. It also includes elements of urban planning. This book elucidates the concepts and innovative models around prospective developments with respect to transportation and vehicular engineering. The topics covered in this extensive book deal with the core subjects of this field. The various sub-fields along with technological progress that have future implications are also glanced at in it. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.



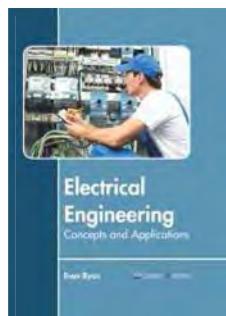
**Jeremiah Wallace**

ISBN: 978-1-63549-278-1 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 247pp./Colored | Hardback

# Engineering and Technology

## Electrical Engineering: Concepts and Applications

Electrical engineering is a branch of engineering which deals with the study of electromagnetism, electricity and electronics. It is an overarching field and includes various subfields like radio-frequency engineering, power engineering, signal processing, telecommunications, microelectronics, digital computers, control systems, instrumentation and radio-frequency engineering, etc. This book aims to provide detailed information about this vast subject. It gives thorough insights into the various subfields of this area. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of electrical engineering. Such selected concepts that redefine this field have been presented in this textbook. Different approaches, evaluations and methodologies on electrical engineering have been included in it. This textbook is meant for students who are looking for an elaborate reference text on this field.

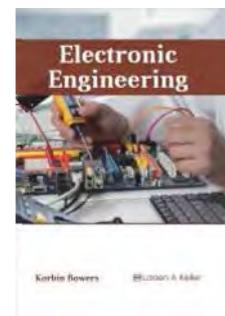


Evan Ryan

ISBN: 978-1-63549-098-5 | \$130.00 US | Year 2017  
Book Size: 7.75"x10.5" | 333pp./Colored | Hardback

## Electronic Engineering

The book aims to shed light on some of the unexplored aspects of electronic engineering. It picks up individual topics and explains their need and contribution in the context of the growth of this subject. Electronic engineering refers to the science of designing devices like, electronic circuits, micro-controllers, micro-processors, etc. by using diodes, semiconductor devices, integrated circuits, etc. which are nonlinear and active electrical components. It combines elements from various fields like embedded systems, power electronics, analog electronics and digital electronics, etc. This text presents the complex subject of electronic engineering in the most comprehensible and easy to understand language. Such selected concepts that redefine this field have been presented in it. For someone with an interest and eye for detail, this textbook covers the most significant topics in the field of electronic engineering.

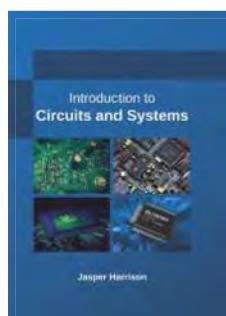


Korbin Bowers

ISBN: 978-1-63549-100-5 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 235pp./Colored | Hardback

## Introduction to Circuits and Systems

This book is a compilation of chapters that discuss the most vital concepts in the field of circuits and systems. It discusses the various technologies that have been developed in this field of study. Circuits and systems provide networks and channels for movement of electrical energy, signals and data and information as well as provide connection between disparate electrical components. Selected concepts that redefine this area of circuits and systems have been presented in this text. It explores all the important aspects of the field in the present day scenario. This textbook aims to serve as a resource guide for students and facilitate the study of the discipline.

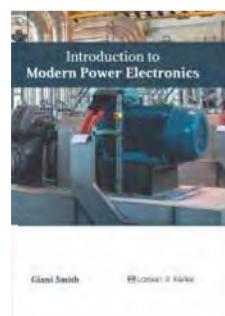


Jasper Harrison

ISBN: 978-1-63549-067-1 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 314pp./Colored | Hardback

## Introduction to Modern Power Electronics

This book elucidates the concepts and innovative models around prospective developments with respect to power electronics. It describes in detail the uses and applications of this subject in the present scenario. Power electronics refers to the practice of controlling and converting electric power by using solid state electronics. It also includes control, integration, design, computation, of nonlinear, time-varying energy-processing electronic systems. This text attempts to understand the multiple topics that fall under the discipline of power electronics and how such concepts have practical applications. It is a compilation of chapters that discuss the most vital concepts in this field. While understanding the long-term perspectives of the topics, the book makes an effort in highlighting their impact as a modern tool for the growth of the discipline. It will serve as a valuable source of reference for those interested in this field.



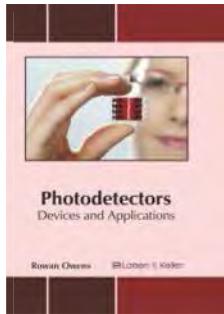
Giani Smith

ISBN: 978-1-63549-231-6 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 285pp./Colored | Hardback

# Engineering and Technology

## Photodetectors: Devices and Applications

This book elucidates the concepts and innovative models around prospective developments with respect to photodetectors. It talks in detail about the various concepts and theories related to this subject. Photodetectors refer to the sensors that sense light and electromagnetic energy. It has various types like polarization photodetector, photoemission photodetector, photovoltaic, and photochemical photodetectors, etc. The aim of this text is to equip students with the fundamental techniques and methods used in this area. Most of the topics introduced in the book cover new techniques and the applications of photodetectors. Through this book, we attempt to further enlighten the readers about the new concepts in this field. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.



**Rowan Owens**

ISBN: 978-1-63549-219-4 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 309pp./Colored | Hardback

## Sensors and Actuators: Technology and Applications

The aim of this textbook is to provide in-depth information about the various applications and uses of sensors and actuators. It is designed in such a way that it provides the readers thorough insights about this subject. Sensors and actuators is an interface which is used for networking solutions. It is designed to connect sensors, rotary encoders, valve position sensors and actuators, etc. using single 2-conductor cable. It mainly provides functional safety in machinery and emergency stop applications. This book is a compilation of chapters that discuss the most vital concepts in the field of sensors and actuators. It presents this complex subject in the most comprehensible and easy to understand language. While understanding the long-term perspectives of the topics, the text makes an effort in highlighting their impact as a modern tool for the growth of the discipline. For all those who are interested in this field, this textbook can prove to be an essential guide.

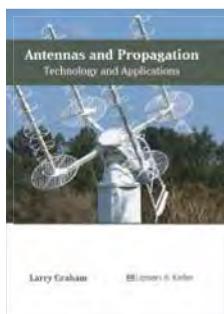


**Princeton Brown**

ISBN: 978-1-63549-256-9 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 265pp./Colored | Hardback

## Antennas and Propagation: Technology and Applications

This book is a compilation of chapters that discuss the most vital concepts in the field of antennas and propagation. It talks about the uses and applications of this technology. An electrical device that converts radio waves into electric power and vice versa is known as an antenna or aerial. It is generally used in radio and electronics. The devices which use this antenna technology are broadcast television, cell phones, communication receivers, radio broadcasting, wireless microphones, radars, bluetooth enabled devices and satellite communications, etc. This book presents the complex subject of antennas and propagation in the most comprehensible and easy to understand language. The topics included in it are of utmost significance and bound to provide incredible insights to readers. Those in search of information to further their knowledge will be greatly assisted by this text.



**Larry Graham**

ISBN: 978-1-63549-028-2 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 224pp./Colored | Hardback

## Digital Communications: Fundamentals and Applications

Digital communication, also called data transmission, refers to the transfer of data physically from one device to another, over point to point communication channels or point to multipoint communication channels, for example wireless communication channels, copper wires, computer buses, optical fibers, etc. The data is transferred in the form radio-waves, infrared signals, microwaves, etc. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of digital communication. Some of the diverse topics covered in this textbook address the varied branches that fall under this category. Different approaches, evaluations and methodologies and advanced studies on digital communications have been included in it. Those in search of information to further their knowledge will be greatly assisted by this text.



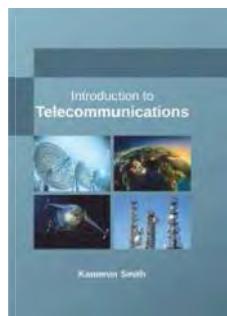
**Jace Murphy**

ISBN: 978-1-63549-085-5 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 304pp./Colored | Hardback

# Engineering and Technology

## Introduction to Telecommunications

This book provides comprehensive insights into the field of telecommunications. It describes in detail about the processes and applications of this subject. Telecommunications refers to the study of the transmission of signals, sounds, messages, images and signs, etc. and the various technologies related to them. The topics introduced in the text cover all the essential concepts of this field. Different approaches, evaluations and methodologies on telecommunications have been included in it. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge. Students in the fields of media technologies, wireless technologies and computer networking will find this textbook to be beneficial.

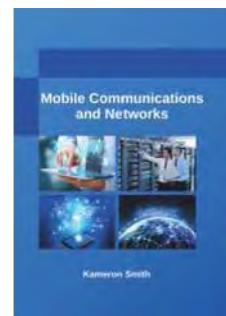


**Kameron Smith**

ISBN: 978-1-63549-273-6 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 385pp./Colored | Hardback

## Mobile Communications and Networks

This book provides comprehensive insights into the field of mobile communications and networks. It elucidates the different theories and practices related to this field. Mobile communications refer to the science and technology of wireless telephone services, which is used with the help of satellites. This text is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of mobile communications. Those in search of information to further their knowledge will be greatly assisted by this textbook. It explores all the important aspects of this field in the present day scenario. It aims to serve as a resource guide for students and facilitate the growth of the discipline.

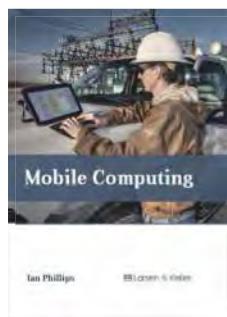


**Kameron Smith**

ISBN: 978-1-63549-188-3 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 315pp./Colored | Hardback

## Mobile Computing

This book provides comprehensive insights into the field of mobile computing and technology. It describes in detail the various techniques and applications of this science in present day scenario. Mobile computing and technology refers to the technology of human and computer interaction. It allows to transfer of data, video and voice. It includes mobile softwares, hardwares and mobile communication. Mobile software includes applications and operating systems while, hardware includes mobile devices and device components. This text attempts to understand the multiple branches that fall under the discipline of mobile computing and technology and how such concepts have practical applications. The topics included in it on this subject are of utmost significance and bound to provide incredible insights to readers. It aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.

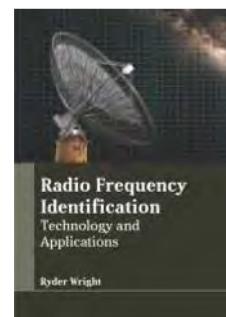


**Ian Phillips**

ISBN: 978-1-63549-187-6 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 357pp./Colored | Hardback

## Radio Frequency Identification: Technology and Applications

Radio Frequency Identification (RFID) is used to track things and people by using electromagnetic fields. This technology is very useful as it allows us to track almost anything which can be attached to RFID. It is currently being used in industries like, automobiles industry, pharmaceutical industry, clothing, books, and is even being used in husbandry, as animals get implanted with the trackers. The book aims to shed light on some of the unexplored aspects of radio frequency identification. Most of the topics introduced in it cover new techniques and the applications of this technology. Different approaches, evaluations and methodologies and advanced studies have been included in it. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject.



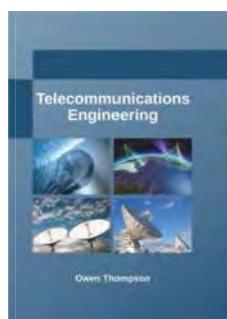
**Ryder Wright**

ISBN: 978-1-63549-246-0 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 284pp./Colored | Hardback

# Engineering and Technology

## Telecommunications Engineering

As the world is becoming a global village, the need for advanced telecommunications is rapidly increasing. Telecommunications engineering is a branch of engineering which works with other fields like computer engineering, mechanical engineering, software engineering, etc. to bring these advances in the field of wireless telecommunication. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of mobile, wireless and telecommunication engineering. It presents this complex subject in the most comprehensible and easy to understand language. Some of the diverse topics covered in this textbook address the varied branches that fall under this field. It aims to serve as a resource guide for students in the field of networking systems, data scheduling and radar and radio engineering.



Owen Thompson

ISBN: 978-1-63549-189-0 | \$150.00 US | Year 2017  
Book Size: 7.75"x10.5" | 316pp./Colored | Hardback

## Web Engineering

World wide web has become a crucial part of our lives be it socially, culturally or economically. Web engineering refers to the technology and the practice of systematically and quantifiably developing good quality web search engines, web based applications and systems, etc. It incorporates elements from various fields like software engineering, human-computer interaction, information engineering, project management and graphic design, etc. This book unfolds the innovative aspects of web engineering which will be crucial for the holistic understanding of the subject matter. Some of the diverse topics covered in it address the varied branches that fall under this category. Selected concepts that redefine this subject have been presented in this text. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.

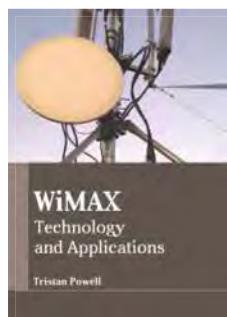


Carson Thomas

ISBN: 978-1-63549-292-7 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 314pp./Colored | Hardback

## WIMAX: Technology and Applications

Worldwide Interoperability for Microwave Access are communication standards for wireless communications. They provide options like media access control (MAC) and multiple physical layer (PHY). It is used for internet access, wireless backhaul technology and triple playing. This book provides comprehensive insights into the field of WiMAX. It is compiled in such a manner, that it provides in-depth knowledge about the theory and practice of this technology. Some of the diverse topics covered in this textbook address the varied branches that fall under this category. Different approaches, evaluations and methodologies and advanced studies on WiMAX technology have been included in it. As this field is emerging at a rapid pace, the contents of this text will help the readers understand the modern concepts and applications of the subject. Those in search of information to further their knowledge will be greatly assisted by it.

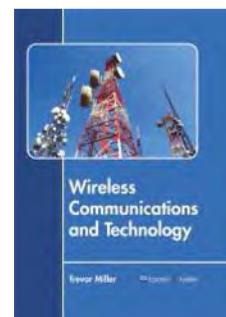


Tristan Powell

ISBN: 978-1-63549-297-2 | \$147.00 US | Year 2017  
Book Size: 7"x10" | 261pp./Colored | Hardback

## Wireless Communications and Technology

This book is compiled in such a manner that it will provide in-depth knowledge about the theory and practice of wireless communications and technology. It describes in detail the various concepts and technologies used in this subject. Wireless communication allows transfer of data in the form of text, voice and image between two points which are not connected via wires. Wireless communication technology is used in mobile and portable applications, wireless networks, and personal digital assistants (PDAs), etc. Most of the topics introduced in this text cover new techniques and applications of the subject. Different approaches, evaluations and methodologies on the subject have been included in it. For all those who are interested in wireless communications and technology, this textbook can prove to be an essential guide.



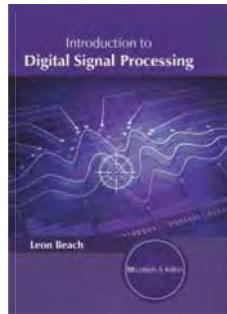
Trevor Miller

ISBN: 978-1-63549-299-6 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 256pp./Colored | Hardback

# Engineering and Technology

## Introduction to Digital Signal Processing

Digital signal processing refers to the science and practice of using digital processes like in computers to perform operations related to signal processing. It is closely related to analog signal processing. The fundamental applications of this field are in biomedical engineering, digital image processing, sensor array processing, statistical signal processing, speech signal processing, radar, seismic data processing, etc. This book elucidates new techniques and their applications in a multidisciplinary approach. Such selected concepts that redefine this field have been presented in it. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge for the students.

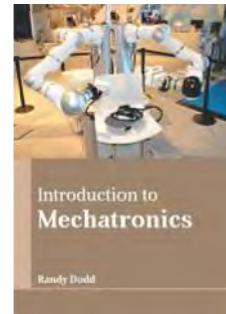


**Leon Beach**

ISBN: 978-1-63549-087-9 | \$135.00 US | Year 2017  
Book Size: 7"x10" | 307pp./Colored | Hardback

## Introduction to Mechatronics

This book attempts to understand the multiple branches that fall under the discipline of mechatronics and how such concepts have practical applications. It talks in detail about the advancements and requirements of this field. Mechatronics is an amalgamation of various different branches of engineering like telecommunications engineering, control engineering, computer engineering, systems engineering, mechanical engineering and electronics, etc. As the field of engineering is rapidly evolving, mechatronics is needed to group these varied branches together and unify them, so as to increase their functionality and efficiency. This text is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of mechatronics. The various sub-fields along with their technological progress, that have future implications are glanced at in it. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject.

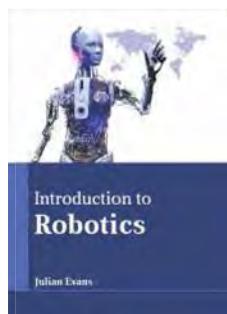


**Randy Dodd**

ISBN: 978-1-63549-180-7 | \$140.00 US | Year 2017  
Book Size: 7"x10" | 255pp./Colored | Hardback

## Introduction to Robotics

Robotics is an amalgamation of fields like computer science, mechanical engineering and electrical engineering. It is concerned with the operation, design, construction and application of robots. It is also used to control, get sensory feedback and for information processing of computer systems. Most of the topics introduced in this book cover new techniques and the applications of robotics. It is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of this subject. The book studies, analyses and uphold the pillars of robotics and its utmost significance in modern times. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject. It will serve as a reference to a broad spectrum of readers.

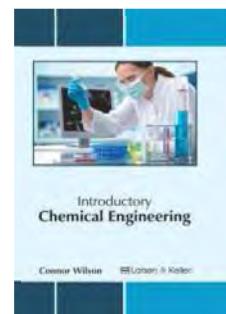


**Julian Evans**

ISBN: 978-1-63549-252-1 | \$147.00 US | Year 2017  
Book Size: 7"x10" | 296pp./Colored | Hardback

## Introductory Chemical Engineering

This book attempts to understand the multiple branches that fall under the discipline of chemical engineering and how such concepts have practical applications. Chemical engineering is an intricate subject which includes other fields like applied mathematics, life sciences, microbiology, economics and biochemistry in order to transport, produce, transform chemicals, energy and materials. Most of the topics introduced in this book cover new techniques and the applications of chemical engineering. Such selected concepts that redefine this field have been presented in this text. Also included are the industrial applications related to this field. Different approaches, evaluations and methodologies have been included in it. The text will serve as a valuable source of reference for those interested in chemical engineering.



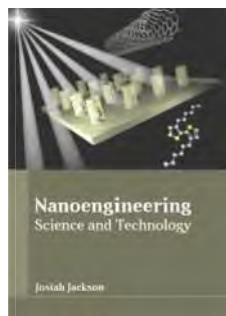
**Connor Wilson**

ISBN: 978-1-63549-063-3 | \$147.00 US | Year 2017  
Book Size: 7"x10" | 292pp./Colored | Hardback

# Engineering and Technology

## Nanoengineering: Science and Technology

Practicing engineering at a nano scale is referred to as nanoengineering. Despite being closely related to nanotechnology, nanoengineering is different as it focuses on the engineering aspect of this field. It is a new field and is rapidly evolving. This book unfolds the innovative aspects of nanoengineering which will be crucial for the holistic understanding of the subject matter. The topics included in it on this important subject are of utmost significance and bound to provide incredible insights to readers. Different approaches, evaluations and methodologies and advanced studies of the field have been included in it. In this text, constant effort has been made to make the understanding of the difficult concepts of nanoengineering as easy and informative as possible, for the readers. It will serve as a resource guide for students and experts alike and contribute to the growth of the discipline.

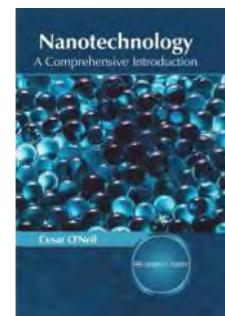


**Josiah Jackson**

ISBN: 978-1-63549-193-7 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 251pp./Colored | Hardback

## Nanotechnology: A Comprehensive Introduction

Nanotechnology is the science of studying and manipulating supra molecules, atoms and molecules. It is called 'nano' tech because it deals with the matter sized between 1 to 100 nanometers. This field is highly used in various areas like molecular engineering, organic chemistry, semiconductor physics, surface science, microfabrication, molecular biology, etc. This book presents this complex subject in the most comprehensible and easy to understand language. The topics included in it are of utmost significance and bound to provide incredible insights to readers. This textbook is meant for students who are looking for an elaborate reference text on nanotechnology and its different uses.

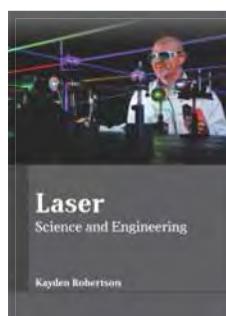


**Cesar O'Neill**

ISBN: 978-1-63549-194-4 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 362pp./Colored | Hardback

## Laser: Science and Engineering

This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of laser and laser technology. It will give deep insights about the applications of laser and its technology in fields like science, medical and engineering. Laser is an acronym for light amplification by stimulated emission of radiation. It is used in barcode scanners, optical disk layers, laser surgery, laser lightning displays, etc. This textbook presents the complex subject of lasers in the most comprehensible and easy to understand language. Most of the topics introduced in it cover new techniques and the applications of laser technology. Different approaches, evaluations and methodologies and advanced studies have been included in it. It will serve as a valuable source of reference for those interested in this subject.

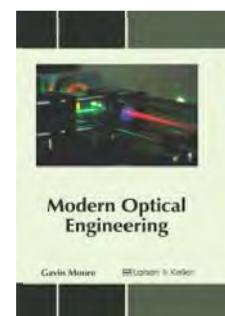


**Kayden Robertson**

ISBN: 978-1-63549-164-7 | \$135.00 US | Year 2017  
Book Size: 7"x10" | 232pp./Colored | Hardback

## Modern Optical Engineering

This book elucidates new techniques and their applications of optical engineering in a multidisciplinary approach. It provides comprehensive insights into this field. Optical engineering refers to the study of optics and designing of optical instruments like microscopes, telescopes, optic discs, lasers, and fiber optic communication systems, etc. This text is a compilation of chapters that discuss the most vital concepts in the field of optical engineering. It presents this complex subject in the most comprehensible and easy to understand language. Also included in it is a detailed explanation of the various concepts and applications of optical engineering. This textbook is a complete source of knowledge on the present status of this important field and it is meant for students who are looking for an elaborate text on modern optical engineering.



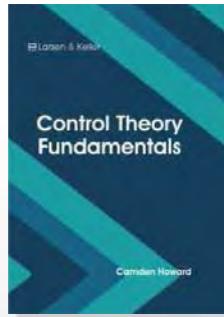
**Gavin Moore**

ISBN: 978-1-63549-207-1 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 289pp./Colored | Hardback

# Engineering and Technology

## Control Theory Fundamentals

This book explores all the important aspects of control theory in the present day scenario. It provides thorough insights into this field and explains in detail the uses and methods of the subject. Control theory refers to the field which is the amalgamation of mathematics and engineering. It studies the behavior and inputs of dynamical systems. Control theory includes stability, observability and controllability. The book studies, analyses and uphold the pillars of this field and its utmost significance in modern times. It picks up individual branches and explains their need and contribution in the context of the growth of this subject and technology. The topics covered in this extensive book deal with the core subjects of this area. For all those who are interested in control theory, this textbook can prove to be an essential guide.

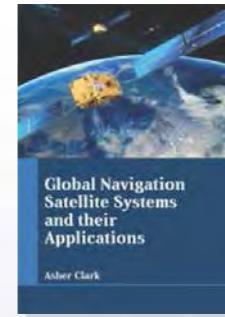


Camden Howard

ISBN: 978-1-63549-077-0 | \$150.00 US | Year 2017  
Book Size: 7.75"x10.5" | 226pp./Colored | Hardback

## Global Navigation Satellite Systems and their Applications

This book is a compilation of chapters that discuss the most vital concepts in the field of satellite navigation or global navigation satellite systems. It explores all the important aspects of this field in the present day scenario. Satnav is the technology which uses satellites to provide particular locations. It uses time signals emitted by radio to determine the exact longitude and latitude of areas and also provide altitude of the same. It is used for geo-spatial positioning. It is applied in Global Positioning Systems (GPS) worldwide and is being used by many different countries for their military and security purposes. While understanding the long-term perspectives of the topics, the book makes an effort in highlighting their impact as a modern tool for the growth of the discipline. It presents the complex subject of satellite navigation in the most comprehensible and easy to understand language. This textbook is appropriate for those seeking detailed information in this area.

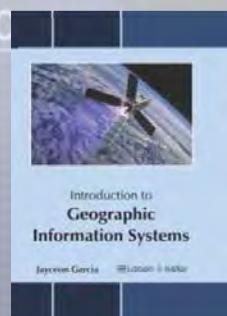


Asher Clark

ISBN: 978-1-63549-137-1 | \$135.00 US | Year 2017  
Book Size: 7"x10" | 261pp./Colored | Hardback

## Introduction to Geographic Information Systems

The book aims to shed light on some of the unexplored aspects of geographic information systems (GIS). It provides thorough knowledge about the basic principles of this subject. Geographic information systems refer to a system that is used to manipulate, capture, store, analyze and maintain geographical data. The textbook covers the various fields that use this technology as well as the methods associated with it. It also focuses on the theoretical aspects on geographic information science. For someone with an interest and eye for detail, this book covers the most significant topics in this field. It will serve as a valuable source of reference for those interested in GIS.



Jayceon Garcia

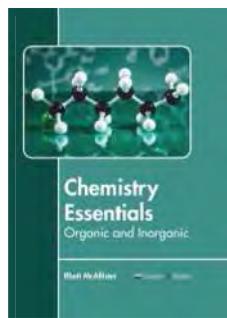
ISBN: 978-1-63549-133-3 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 278pp./Colored | Hardback

# Chemistry

## Chemistry

### Chemistry Essentials: Organic and Inorganic

This book attempts to understand the multiple branches that fall under the discipline of chemistry and how such concepts have practical applications. It describes in a detailed manner the theories and concepts of various different branches associated with chemistry. It specifically talks about the fundamental principles of organic and inorganic chemistry. The topics included in the text are designed to provide students with a clear understanding of this complex subject. This textbook on the essentials of chemistry is of utmost significance and is bound to provide incredible insights to readers. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.

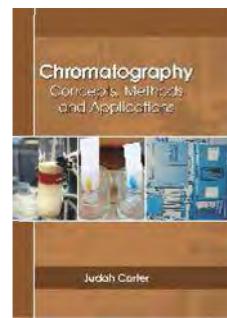


Rhett McAllister

ISBN: 978-1-63549-209-5 | \$130.00 US | Year 2017  
Book Size: 7.75"x10.5" | 311pp./Colored | Hardback

### Chromatography: Concepts, Methods and Applications

This book elucidates the concepts and innovative models around prospective developments with respect to chromatography. It describes in detail the various basic concepts of this field. Chromatography is the science and technique of using different laboratory methods to separate chemical mixtures. It is basically a method of purification. This textbook is a valuable compilation of topics, ranging from the basic to the most complete theories in the field of chromatography. Such selected concepts that redefine this subject have been presented in this text. Different approaches, evaluations and methodologies on chromatography have been included in this textbook. It will provide comprehensive knowledge to the students.

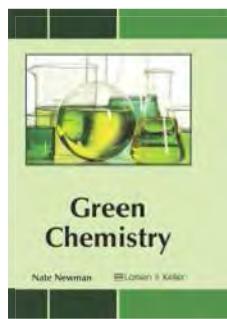


Judah Carter

ISBN: 978-1-63549-066-4 | \$135.00 US | Year 2017  
Book Size: 7"x10" | 334pp./Colored | Hardback

### Green Chemistry

This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of green chemistry. The design and development of procedures and technology that can reduce the emission of harmful gases into the environment is known as green chemistry. It seeks to implement efficient use of resources as well. Some of the diverse topics covered in this book address the varied branches that fall under this category. Green chemistry is an upcoming field of science that has undergone rapid development over the past few decades. This textbook will prove to be beneficial to graduates and post-graduates in the fields of environmental chemistry, renewable energy and ecosystem management.

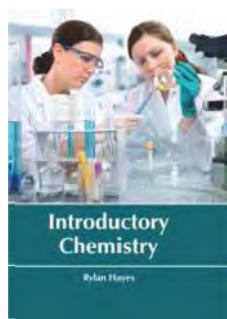


Nate Newman

ISBN: 978-1-63549-139-5 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 235pp./Colored | Hardback

### Introductory Chemistry

Chemistry is a vast field in the world of science. It is the study of the properties, structure, composition and changes of matter. It includes examining the properties and chemical bonds of atoms. It is concerned with the reactions which transform an element into another. This book aims to shed light on some of the unexplored aspects of chemistry. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in this field. Different approaches, evaluations and methodologies and advanced studies on chemistry have been included in the text. As this field is emerging at a rapid pace, the contents of this book will help the readers understand the modern concepts and applications of the subject.



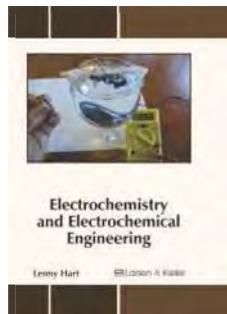
Rylan Hayes

ISBN: 978-1-63549-064-0 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 245pp./Colored | Hardback

# Chemistry

## Electrochemistry and Electrochemical Engineering

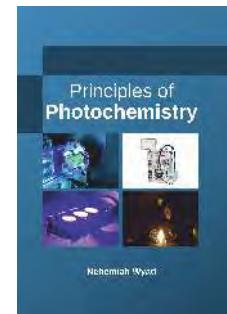
This book outlines the processes and applications of electrochemistry in detail. It includes detailed explanation of the various concepts and uses of the subject. Electrochemistry, as a branch of physical sciences, examines the relation between electricity and the chemical changes caused by it. Electrochemical engineering deals with the refining of metals as well as processes like electroplating. Such selected concepts that redefine this subject area have been presented in the text. While understanding the long-term perspectives of the topics, the book makes an effort in highlighting their impact as a modern tool for the growth of the discipline. It will serve as a reference to a broad spectrum of readers especially in the fields of chemical engineering, material science and metallurgy.



Lenny Hart

ISBN: 978-1-63549-099-2 | \$155.00 US | Year 2017

Book Size: 7"x10" | 283pp./Colored | Hardback



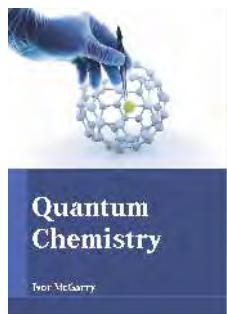
Nehemiah Wyatt

ISBN: 978-1-63549-218-7 | \$145.00 US | Year 2017

Book Size: 7.75"x10.5" | 294pp./Colored | Hardback

## Quantum Chemistry

Quantum chemistry is the study of chemical properties of matter along with the application of theorems and methods derived from quantum mechanics. The field is relatively new and it concentrates on the states of the nucleus as well as the molecule; hence it is applied in computational chemistry and atomic physics. This textbook on quantum chemistry discusses the fundamental concepts in the most easy and comprehensive manner. The field is highly experimental and the topics included elucidate the various technology and devices that are used to study this field. Different approaches, evaluations and methodologies on quantum chemistry have been included in this book. The textbook aims to serve as a resource guide for students and facilitate the study of the subject.



Ivor McGarry

ISBN: 978-1-63549-244-6 | \$130.00 US | Year 2017

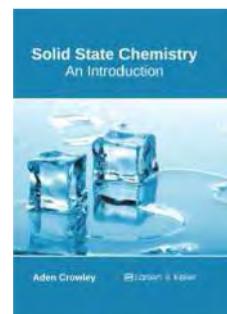
Book Size: 7"x10" | 275pp./Colored | Hardback

## Principles of Photochemistry

This book provides comprehensive insights into the field of photochemistry. It elucidates the various concepts and theories related to this area. Photochemistry is the study of the chemical effects of light. This process is of significant importance as it enables photosynthesis in plants, helps in production of vitamin D and also, is crucial for vision. This book outlines the fundamental processes and applications of photochemistry in detail. It presents the complex subject of photochemistry in the most comprehensible and easy to understand language. The topics included in it are of utmost significance and are bound to provide incredible insights to readers. The textbook is appropriate for those seeking detailed information in this area.

## Solid State Chemistry: An Introduction

Solid-state chemistry refers to that branch of chemistry which deals with the multidisciplinary study of the properties, synthesis, and structure of various solid-state materials. It is closely linked with other branches of chemistry like crystallography, metallurgy, solid-state physics, ceramics, materials science, thermodynamics, and electronics, etc. This book explores all the important aspects of solid-state chemistry in the present day scenario. The topics covered in this extensive text deal with the core subjects of the subject. Fundamental approaches, evaluations and methodologies have been included in it. This textbook is a complete source of knowledge on the present status of this important field.



Aden Crowley

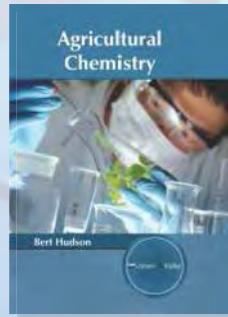
ISBN: 978-1-63549-265-1 | \$147.00 US | Year 2017

Book Size: 7.75"x10.5" | 271pp./Colored | Hardback

# Chemistry

## Agricultural Chemistry

Agricultural chemistry refers to the use of chemistry and biochemistry as they are applied in the field of food production, environmental management and monitoring. It includes the study of the interactions and relationship between plants, bacteria, animals and the surrounding environment. This book explores all the important aspects of agricultural chemistry in the present day scenario. It includes different approaches, evaluations and methodologies on the subject. The topics covered in it offer the readers new insights about this field. It aims to serve as a resource guide for students and facilitates the study of the discipline.

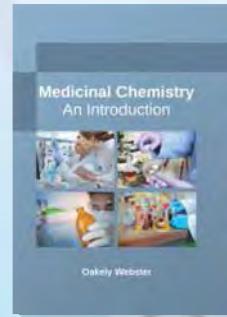


Bert Hudson

ISBN: 978-1-63549-016-9 | \$147.00 US | Year 2017  
Book Size: 7"x10" | 267pp./Colored | Hardback

## Medicinal Chemistry: An Introduction

This book elucidates the concepts and innovative models around prospective developments with respect to medicinal chemistry. It talks in detail about the various concepts and important aspects of this field. Medicinal chemistry refers to the amalgamation of synthetic organic chemistry pharmacology in order to create and design better medicinal drugs. It combines branches like molecular biology, pharmacology, human medicine, toxicology, chemical biology, structural biology, etc. Most of the topics introduced in this text cover new techniques and the applications of medicinal biology. While understanding the long-term perspectives of the topics, the book makes an effort in highlighting their impact as a modern tool for the growth of the discipline. The text is an essential guide for both academicians and those who wish to pursue this discipline further.

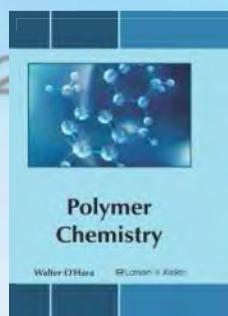


Oakely Webster

ISBN: 978-1-63549-181-4 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 291pp./Colored | Hardback

## Polymer Chemistry

This book elucidates the concepts and innovative models around prospective developments with respect to polymer chemistry. It describes in detail the various concepts and theories related to the field. Polymer chemistry refers to that branch of chemistry which deals with the study of the different characteristics, functions and structures of synthetic polymers. This field encompasses the concepts of other related areas like polymer physics, polymer science, and polymer engineering. The topics included in this book are of utmost significance and bound to provide incredible insights to readers. It attempts to assist those with a goal of delving into the field of polymer chemistry. For someone with an interest and eye for detail, this book covers the most significant developments related to the field of polymer chemistry.



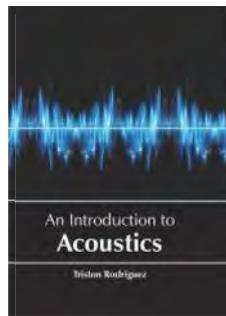
Walter O'Hara

ISBN: 978-1-63549-228-6 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 244pp./Colored | Hardback

# Physics

## An Introduction to Acoustics

The book is appropriate for those seeking detailed information in the field of acoustics. As it provides thorough insights into this field and its uses and technologies. Acoustics is concerned with the study of mechanical waves whether they are solids, gases or liquids. It also includes various topics like infrasound, vibration, ultrasound and sound. This text is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of acoustics. The various sub branches of this field like, bio-acoustics, architectural acoustics, aeroacoustics, etc. along with their technological progress that have future implications are glanced at in it. This textbook is an essential guide for both academicians and those who wish to pursue this discipline further.

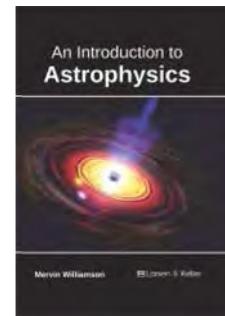


**Triston Rodriguez**

ISBN: 978-1-63549-013-8 | \$150.00 US | Year 2017  
Book Size: 7.75"x10.5" | 239pp./Colored | Hardback

## An Introduction to Astrophysics

This branch of astronomy studies the nature of heavenly bodies. It focuses on the examination of sun, cosmic wave background, galaxies, stars and extrasolar planets. It mainly studies their density, luminosity, chemical composition and temperature, etc. Through this book, effort has been made to make the complex subject of astrophysics simple and easy to understand. The textbook aims to provide thorough insights about this subject. Most of the topics introduced in the book cover new techniques and the applications of astrophysics. While understanding the long-term perspectives of the topics, the book makes an effort in highlighting their impact as a modern tool for the growth of the discipline. Coherent flow of topics, student-friendly language and extensive use of examples make this book an invaluable source of knowledge.

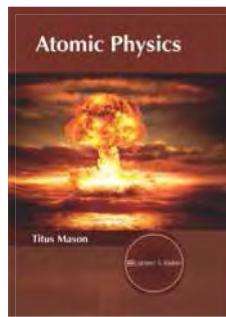


**Mervin Williamson**

ISBN: 978-1-63549-034-3 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 232pp./Colored | Hardback

## Atomic Physics

Atomic physics as a part of physics deals with the study of atoms and its components, which are neutrons, electrons and protons. The field is primarily focused on the presence of electrons in the atom, their arrangement and the processes, which can change this arrangement. This field is also closely related to molecular, atomic and optical physics. The aim of this book is to present these topics in the most easy to comprehend language. It attempts to understand the multiple branches that fall under the discipline of atomic physics and how such concepts have practical applications. This textbook is an essential guide for both academicians and those who wish to pursue this discipline further.

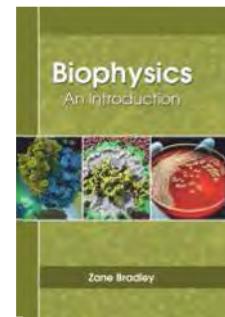


**Titus Mason**

ISBN: 978-1-63549-036-7 | \$155.00 US | Year 2017  
Book Size: 7"x10" | 283pp./Colored | Hardback

## Biophysics: An Introduction

Biophysics is that branch of sciences which deals with the study of biological processes using physical laws, theories and methods. This field overlaps with nanotechnology, systems biology, biochemistry, bioengineering and computational biology. This book outlines the processes and applications of this subject in detail. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of biophysics. Coherent flow of topics, student-friendly language and extensive use of examples make this text an invaluable source of knowledge. The textbook aims to shed light on some of the unexplored concepts of biophysics.

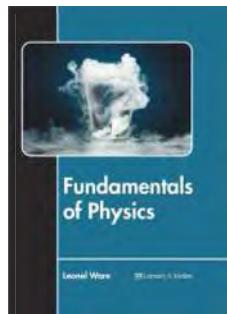


**Zane Bradley**

ISBN: 978-1-63549-048-0 | \$140.00 US | Year 2017  
Book Size: 7"x10" | 279pp./Colored | Hardback

## Fundamentals of Physics

This book provides comprehensive insights into the field of physics. It picks up individual branches and explains their need and contribution in the context of the growth of this field. Physics is a vast subject and has multiple subfields. This textbook attempts to provide complete information about the basic principles and fundamental concepts of this huge subject area. It presents this complex subject in the most comprehensible and easy to understand language. For all those who are interested in physics, this textbook can prove to be an essential guide. With its detailed analyses and data, this book on physics will prove immensely beneficial to students involved in this area at various levels.

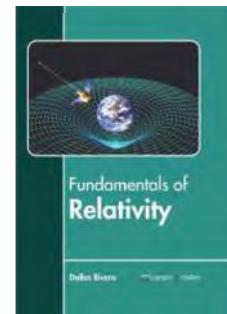


**Leonel Ware**

ISBN: 978-1-63549-038-1 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 381pp./Colored | Hardback

## Fundamentals of Relativity

This book provides comprehensive insights into the field of relativity. It discusses in detail the different concepts and theories that have been developed in this area. Relativity is a complex and vast subject and in this text, effort has been made to make the principles and methods of the subject as easy and informative as possible. The topics introduced in it are of utmost significance and are very important for the basic understanding of this area. The book studies, analyses and upholds the pillars of relativity and its utmost significance in modern times. Different approaches, evaluations and methodologies have been included in it. This textbook is appropriate for those seeking detailed information in this area.

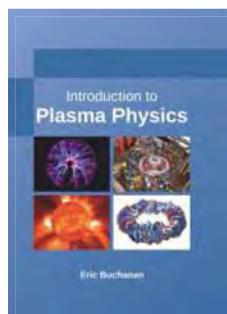


**Dallas Rivera**

ISBN: 978-1-63549-128-9 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 403pp./Colored | Hardback

## Introduction to Plasma Physics

This book elucidates the concepts and innovative models around prospective developments with respect to plasma physics. It talks about the different concepts and theories related to this subject in detail. Plasma is a fundamental state of matter, along with solid, liquid and gas. It is the most abundantly found matter on our planet. Plasma physics is the building base for nuclear fusion and fusion power. This text is a compilation of chapters that discuss the most vital concepts in the field of plasma physics. Coherent flow of topics, student-friendly language and extensive use of examples make this book an invaluable source of knowledge. It will provide comprehensive insights into the field of plasma physics. The textbook is appropriate for those seeking detailed information in this area.

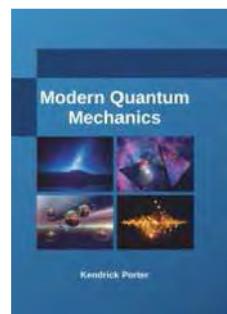


**Eric Buchanan**

ISBN: 978-1-63549-225-5 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 295pp./Colored | Hardback

## Modern Quantum Mechanics

This book is a compilation of chapters that discuss the most vital concepts in the field of modern quantum mechanics. It is designed to provide students with the basic concepts and applications of this field. Modern quantum mechanics refers to the study of processes of photons and atoms. It is based on quantum field theory. This text attempts to understand the multiple branches that fall under the discipline of modern quantum mechanics and how such concepts have practical applications. Such selected concepts that redefine the field of modern quantum mechanics have been presented in this book. It studies, analyses and upholds the pillars of the subject and its utmost significance in modern times. This textbook attempts to assist those with a goal of delving into this field.



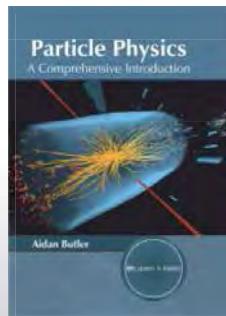
**Kendrick Porter**

ISBN: 978-1-63549-245-3 | \$135.00 US | Year 2017  
Book Size: 7.75"x10.5" | 334pp./Colored | Hardback

# Physics

## Particle Physics: A Comprehensive Introduction

As a branch of physics, particle physics concerns itself with the study of particles and their nature. It includes the study of the radiation and matter in the particles. This field of study is concerned with subatomic particles and atomic constituents like quarks, neutrons, protons, electrons and baryons, etc. This book presents the complex subject of particle physics in the most comprehensible and easy to understand language. The various sub-fields of the subject along with technological progress that have future implications are glanced at in it. The topics covered in this extensive text deal with the core subjects of this area. This textbook will serve as a reference to a broad spectrum of readers.

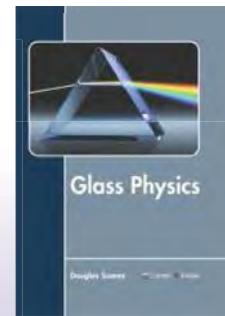


Aidan Butler

ISBN: 978-1-63549-214-9 | \$130.00 US | Year 2017  
Book Size: 7"x10" | 272pp./Colored | Hardback

## Glass Physics

The book aims to shed light on some of the unexplored aspects of glass physics. It talks in detail about the various techniques and methods used in this medium of study. Glass physics is the study of the properties and characteristics of glass. This text is a compilation of chapters that discuss the most vital concepts in the field of glass physics. It will serve as a valuable source of reference for those interested in this field. The topics included in it are of utmost significance and are bound to provide incredible insights to readers. For all those who are interested in glass physics, this textbook can prove to be an essential guide.

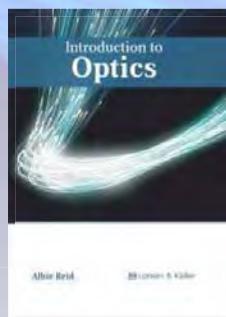


Douglas Suarez

ISBN: 978-1-63549-136-4 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 378pp./Colored | Hardback

## Introduction to Optics

This book provides comprehensive insights into the field of optics. It provides detailed information about the various advancements within this field. Optics is the study of light. It concerns itself with the examination of the properties, behaviour, ultraviolet, infrared and visible lights. It is used in many fields like photography, astronomy, optometry, ophthalmology and many other engineering fields. The aim of this textbook is to provide thorough insights to readers about this subject. Most of the topics introduced in it cover new techniques and the applications of optics. This book, with its detailed analyses and data, will prove immensely beneficial to professionals and students involved in this area at various levels.



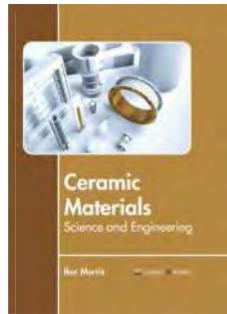
Albie Reid

ISBN: 978-1-63549-208-8 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 271pp./Colored | Hardback

# Materials Science

## Ceramic Materials: Science and Engineering

This book provides comprehensive insights into the field of ceramic materials. It discusses in detail the different concepts and theories related to this subject. Ceramic engineering is the field which deals with the design and manufacture of objects from non-metallic and inorganic materials. This field of study is especially used in other engineering subjects like mechanical engineering, materials engineering, chemical engineering, etc. This text is a valuable compilation of topics, ranging from the basic to the most complex principles and practices in the field of ceramic science and engineering. Those in search of information to further their knowledge will be greatly assisted by this textbook.

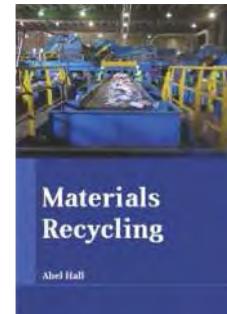


**Iker Morris**

ISBN: 978-1-63549-062-6 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 280pp./Colored | Hardback

## Materials Recycling

In today's world, population is on a rapid rise and the level of pollution is rising every day. Thus, materials recycling is the concept which is very important in the present scenario. It refers to the process of converting the old waste material into some new and useful product. This process helps in reducing different types of pollution like greenhouse gas emissions, water pollution, etc. It also reduces the consumption of fresh raw material, energy wastage, and also helps reduce waste. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of materials and recycling. The topics covered in this extensive book deal with the core subjects of materials recycling. This textbook will serve as a reference to a broad spectrum of readers.

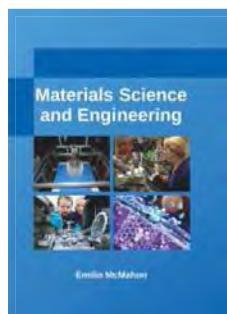


**Abel Hall**

ISBN: 978-1-63549-176-0 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 229pp./Colored | Hardback

## Materials Science and Engineering

The book aims to shed light on some of the unexplored aspects of materials science and engineering. It describes in detail the various concepts and theories of this field. Materials science refers to the study, design and discovery of new materials. This subject is used in different areas like nanotechnology, metallurgy, forensic engineering, biomaterials, and failure analysis, etc. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of material science. The topics included in it are of utmost significance and bound to provide incredible insights to students. Some of the diverse topics covered in this book address the varied branches that fall under this category. This textbook is an essential guide for both graduates and post-graduates in this discipline.

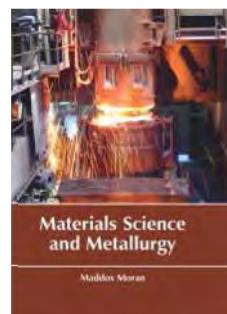


**Emilio McMahon**

ISBN: 978-1-63549-177-7 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 374pp./Colored | Hardback

## Materials Science and Metallurgy

This book outlines the processes and applications of metallurgy and metal science in detail. It covers all the important topics of this area. Metallurgy refers to the study of the physical and chemical behavior of metals and their interactions with each others and also the forming and function of alloys. It has also evolved to study the technological uses of metallurgy. This text presents the complex subject of metal science in the most comprehensible and easy to understand language. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of metallurgy. This textbook is meant for students who are looking for an elaborate reference text on metallurgy and metal science.

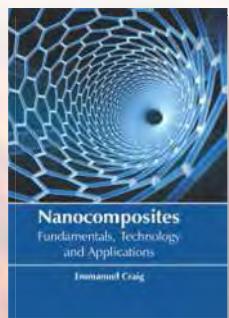


**Maddox Moran**

ISBN: 978-1-63549-183-8 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 248pp./Colored | Hardback

## **Nanocomposites:** Fundamentals, Technology and Applications

This book attempts to understand the multiple branches that fall under the discipline of nanocomposites and how such concepts have practical applications. Nanocomposites refers to the material with two to three dimensions of less than 100 nanometers. The different types of nanocomposites are metal-matrix nanocomposites, polymer-matrix nanocomposites and ceramic-matrix nanocomposites, etc. The various sub-fields of nanocomposites along with technological progress that have future implications are glanced at in this book. Most of the topics introduced in this book cover new techniques and the applications of nanocomposites. Different approaches, evaluations and methodologies and advanced studies have been included in it. This book is meant for students who are looking for an elaborate reference text on nanocomposites.



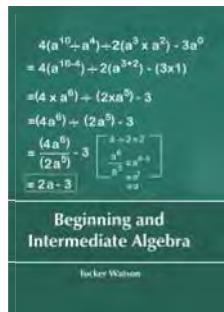
**Emmanuel Craig**

ISBN: 978-1-63549-192-0 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 209pp./Colored | Hardback

# Mathematics and Statistics

## Beginning and Intermediate Algebra

This book is a compilation of chapters that discuss the most vital concepts in the field of algebra. It provides in depth knowledge of this field of study. As a part of mathematics, algebra includes the study of groups and fields and their manipulation. It is generally referred to as the backbone of mathematics. Some of the diverse topics covered in this book address the varied branches that fall under this category. The book studies, analyses and upholds the pillars of algebra and its utmost significance in modern times. This textbook is an essential guide for students who are seeking detailed information in this area.

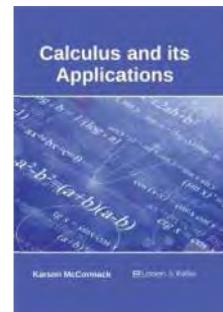


Tucker Watson

ISBN: 978-1-63549-023-7 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 405pp./Colored | Hardback

## Calculus and its Applications

Calculus is a branch of mathematics that deals with the study of change. It has two sub-fields namely differential calculus, it is the study of change in slopes and curves, and integral calculus, which is concerned with the study of areas under and between the curves. Both of these branches follow the fundamental theorem of calculus. This book elucidates new techniques and applications of calculus in a multidisciplinary approach. It picks up individual branches and explains their need and contribution in the context of the growth of this field. For all those who are interested in calculus, this textbook can prove to be an essential guide.

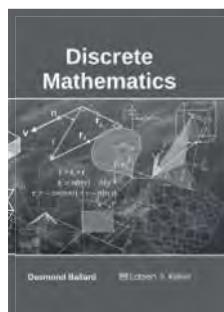


Karson McCormack

ISBN: 978-1-63549-058-9 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 250pp./Colored | Hardback

## Discrete Mathematics

This book is a compilation of chapters that discuss the most vital concepts in the field of discrete mathematics. It discusses some of the most fundamental theories of this field in detail. Discrete mathematics refers to the study of discrete mathematical structures. It includes the study of logic statements, integers, and graphs, which have separate values. The branches of discrete mathematics include calculus and analysis. This text attempts to understand the multiple branches that fall under this discipline and how such concepts have practical applications. The topics covered in this extensive book deal with the core subjects of discrete mathematics. This textbook is an essential guide for both academicians and those who wish to pursue this discipline further.

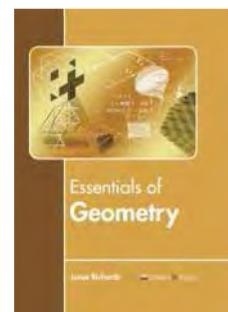


Desmond Ballard

ISBN: 978-1-63549-088-6 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 301pp./Colored | Hardback

## Essentials of Geometry

This textbook provides deep information about the basic concepts and fundamental theories of geometry. As a branch of mathematics, geometry studies abstract space and its properties. It deals with lengths, volumes and areas. This text elucidates new techniques and their applications in a multidisciplinary approach. It picks up individual branches and explains their need and contribution in the context of the growth of this field. Different approaches, evaluation and methodologies of geometric theory have been included in this book. Those in search of information to further their knowledge will be greatly assisted by this textbook.



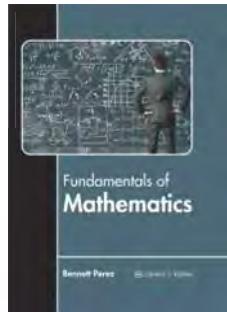
Josue Richards

ISBN: 978-1-63549-135-7 | \$150.00 US | Year 2017  
Book Size: 7.75"x10.5" | 383pp./Colored | Hardback

# Mathematics and Statistics

## Fundamentals of Mathematics

This book elucidates the concepts and innovative models around prospective developments with respect to mathematics. It talks in detail about the fundamental concepts and theories of this field. Mathematics refers to the study of space, quantity, structure and change. It encompasses methods like measurement, abstraction, counting, calculation, logic, etc. This text picks up individual branches of mathematics and explains their need and contribution in the context of the growth of the subject. The topics included in it on mathematics are of utmost significance and are bound to provide incredible insights to readers. Coherent flow of topics, student-friendly language and extensive use of concepts make this book an invaluable source of knowledge. Those in search of information to further their knowledge will be greatly assisted by this textbook.

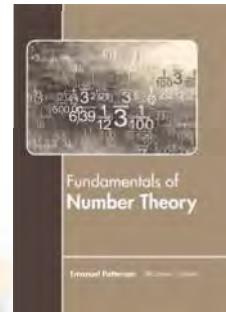


Bennett Perez

ISBN: 978-1-63549-178-4 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 308pp./Colored | Hardback

## Fundamentals of Number Theory

The branch of pure mathematics that is dedicated to study of integers is called number theory or arithmetic. Number theory studies the properties of prime numbers, rational numbers, and algebraic integers. This book elucidates the concepts and innovative models around prospective developments with respect to number theory. Such selected concepts that redefine this subject have been presented in it. It will provide comprehensive knowledge to the readers. Those in search of information to further their knowledge will be greatly assisted by this textbook. Coherent flow of topics, student-friendly language and extensive use of examples make this book an invaluable source of information.

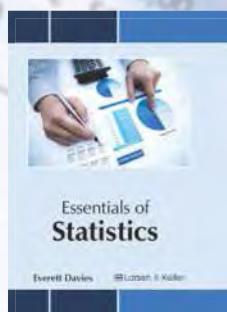


Emanuel Patterson

ISBN: 978-1-63549-199-9 | \$150.00 US | Year 2017  
Book Size: 7.75"x10.5" | 307pp./Colored | Hardback

## Essentials of Statistics

This book elucidates the concepts and innovative models around prospective developments with respect to statistics. It describes in detail the various fundamental methods and uses of this field. Statistics refers to the study of data by organizing, collecting, interpreting, and analyzing it. The various techniques used in mathematical statistics are differential equations, linear algebra, measure-theoretic probability theory, mathematic analysis and stochastic analysis. Some of the diverse topics covered in this text address the varied branches that fall under this category. This book, with its detailed analysis and data prove immensely beneficial to students involved in the field at various levels. For someone with an interest and eye for detail, this textbook covers the most significant topics in the field of mathematics.

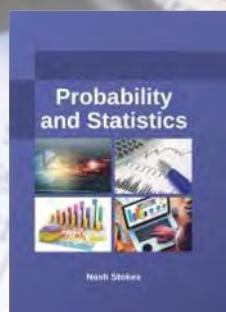


Everett Davies

ISBN: 978-1-63549-267-5 | \$135.00 US | Year 2017  
Book Size: 7"x10" | 266pp./Colored | Hardback

## Probability and Statistics

Statistics refers to the examination of data on the basis of its presentation, organization, collection, interpretation and analysis. It uses probability as major factor in analysis of data. Probability explores the classification of data into absolutes. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of statistics and probability. It unfolds the innovative aspects of the area, which will be crucial for the holistic understanding of the subject matter. It is meant for students who are looking for an elaborate reference text on probability and statistics. Those in search of information to further their knowledge will be greatly assisted by this textbook.



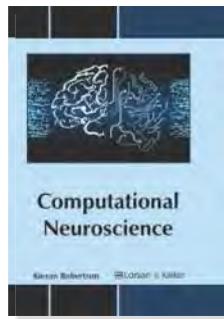
Nash Stokes

ISBN: 978-1-63549-233-0 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 382pp./Colored | Hardback

# Computer and Information Science

## Computational Neuroscience

As a branch of computational science, theoretical neuroscience or computational neuroscience, deals with the study of the brain with regards to its information processing properties and functions. This field examines the brain while it processes information. Thus, the subject is very important for the study of cognition, learning theory and computational modeling and imaging. This field brings together different areas like psychology, cognitive science, computer science, neuroscience, mathematics, etc. This book outlines the processes and applications of computational neuroscience in detail. The various sub-fields along with technological progress that have future implications are glanced at in it. This textbook attempts to assist those with a goal of delving into the field of computational neuroscience.

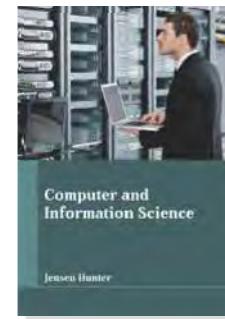


Kieran Robertson

ISBN: 978-1-63549-073-2 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 248pp./Colored | Hardback

## Computer and Information Science

This book elucidates new techniques and their applications in a multidisciplinary approach. It talks in detail about the various uses and methods of information and computer science. Information and computer sciences brings together both information technology and computer science, to better machines, computer architecture, logic circuits, computer algorithms, etc. The aim of this book is to provide this complex subject in a easy to understand and student friendly manner. The topics included in this text on information and computer science are of utmost significance and bound to provide incredible insights to readers. Those in search of information to further their knowledge will be greatly assisted by the book.

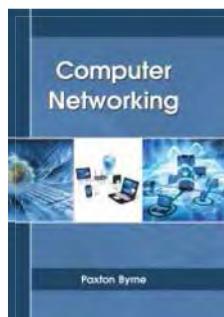


Jensen Hunter

ISBN: 978-1-63549-150-0 | \$155.00 US | Year 2017  
Book Size: 7"x10" | 275pp./Colored | Hardback

## Computer Networking

This book elucidates the concepts and innovative models around prospective developments with respect to computer networking. It elucidates the various theories and techniques of this field. Computer networking refers to the science that enables computers to share data and information. It is a telecommunications network which uses a data-link system to let computers connect. These networks are used in digital audio and video, printers, World Wide Web, email, fax machines and instant messaging. The topics introduced in this text cover new techniques and the applications of computer networking. It unfolds the innovative aspects of this area, which will be crucial for the holistic understanding of the subject matter. The textbook is appropriate for those seeking detailed information in this field and will serve as a reference to a broad spectrum of readers.

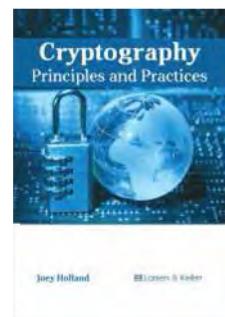


Paxton Byrne

ISBN: 978-1-63549-159-3 | \$145.00 US | Year 2017  
Book Size: 7"x10" | 306pp./Colored | Hardback

## Cryptography: Principles and Practices

Cryptography is the interesting study of different methods of secure communication. It concentrates on making and analyzing protocols which secure the information or message from outsiders or adversaries. It is the amalgamation of mathematics, electrical engineering and computer engineering. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of cryptography. While understanding the long-term perspectives of the topics, the book makes an effort in highlighting their impact as a modern tool for the growth of the discipline. Coherent flow of topics, student-friendly language and extensive use of examples make this text an invaluable source of knowledge.



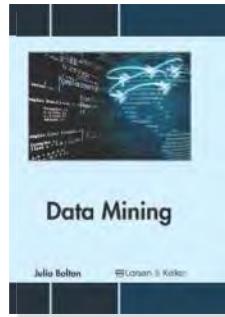
Joey Holland

ISBN: 978-1-63549-082-4 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 239pp./Colored | Hardback

# Computer and Information Science

## Data Mining

Data mining refers to that field of information technology, which deals with the extraction of useful information from various data sets and their transformation into an understandable structure. It consists of elements of machine learning, database systems, artificial intelligence, statistics, etc. This book unfolds the innovative aspects of data mining, which will be crucial for the holistic understanding of the subject matter. Selected concepts that redefine this field have been presented in the text. For someone with an interest and eye for detail, this textbook covers the most significant topics of this field. The textbook covers the fundamental components and practices that make up the data mining. It will serve as a reference to a broad spectrum of readers.

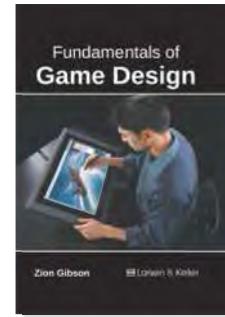


**Julio Bolton**

ISBN: 978-1-63549-301-6 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 300pp./Colored | Hardback

## Fundamentals of Game Design

Game design is a fairly recent field. It deals with the creation of games by using the elements of design aesthetics. Its main aim is to bridge the gap between players coming with different mindsets like education, entertainment and medical, etc. It uses the elements of optimization theory, probability, economics and artificial intelligence, etc. Different approaches, evaluations and methodologies and advanced studies on game design have been included in this book. Most of the topics introduced in it cover new techniques and the applications of this field. This textbook is meant for students who are looking for an elaborate reference text on game design.

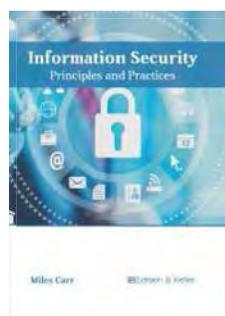


**Zion Gibson**

ISBN: 978-1-63549-130-2 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 363pp./Colored | Hardback

## Information Security: Principles and Practices

This book elucidates the concepts and innovative models around prospective developments with respect to information security. It talks in detail about the various methods and applications of this subject. Information security refers to the practice of safeguarding the information from theft, unauthorized use, modification, distortion, inspection, destruction, etc. It consists of IT security and information assurance. The aim of this text is to provide the readers with the topics which are crucial and of utmost importance. While understanding the long-term perspectives of the topics, the book makes an effort in highlighting their impact as a modern tool for the growth of the discipline. It will serve as a valuable source of reference for those interested in this field.

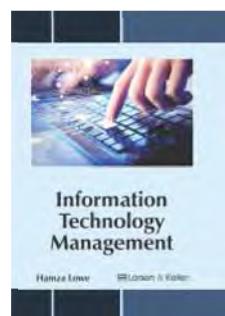


**Miles Carr**

ISBN: 978-1-63549-151-7 | \$135.00 US | Year 2017  
Book Size: 7.75"x10.5" | 245pp./Colored | Hardback

## Information Technology Management

As a part of information and communications technology, information technology refers to the science of using Internet and computers to store, transmit and manipulate data. Though the term predominantly deals with computers and networking devices, development of compatible technology has expanded the subject to include television, telephones, tablets, smart watches, etc. This book attempts to understand the multiple branches that fall under the discipline of information technology and management and how such concepts have practical applications. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in this field. For someone with an interest and eye for detail, this text covers the most significant ideas and technologies about this subject matter.



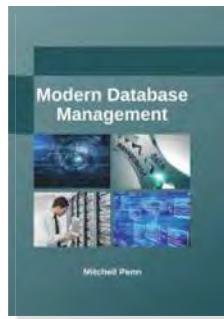
**Hamza Lowe**

ISBN: 978-1-63549-152-4 | \$140.00 US | Year 2017  
Book Size: 7"x10" | 280pp./Colored | Hardback

# Computer and Information Science

## Modern Database Management

This book explores all the important aspects of database management in the present day scenario. Database is the collection of data which can comprise of tables, sheets, reports, schemas, etc. This data is crucial for any functioning organization. To manage data, a database management system (DBMS) is used. The topics covered in this extensive book deal with the core subjects of modern database management. The various sub-fields of the subject along with technological progress that have future implications are glanced at in this text. Most of the topics introduced in this book cover fundamental technique and application of modern database management. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.

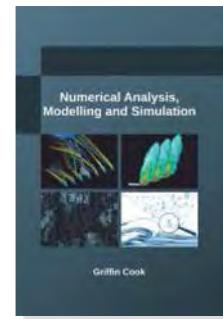


**Mitchell Penn**

ISBN: 978-1-63549-084-8 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 306pp./Colored | Hardback

## Numerical Analysis, Modelling and Simulation

Numerical analysis, modeling and simulation are very complex and intricate subjects, which play a crucial role in the visual (2D and 3D) representation of concepts and objects that are otherwise not visible at a phenomenal level. They are used in the fields like systems theory, science education, knowledge visualization and even in philosophy of science. The text presents these difficult subjects in the most comprehensible and easy to understand language. It includes topics, which are important for the holistic understanding of the subject matter. It studies, analyses and upholds the pillars of the subject and its utmost significance in modern times. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.

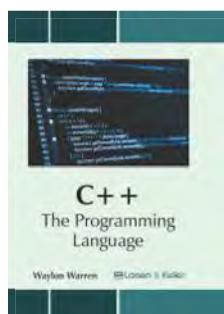


**Griffin Cook**

ISBN: 978-1-63549-200-2 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 319pp./Colored | Hardback

## C++: The Programming Language

C++ is a computer language or program language. It provides low-level memory manipulation and is also used for object-oriented, imperative and generic programming features. C++ has helped develop many other languages like Java, C#, and D. This book presents the complex subject of C++ in the most comprehensible and easy to understand language. The topics included in it are of utmost significance and are bound to provide incredible insights to students. Some of the diverse topics covered in this text address the varied branches that fall under this category. Those in search of information to further their knowledge will be greatly assisted by this textbook.

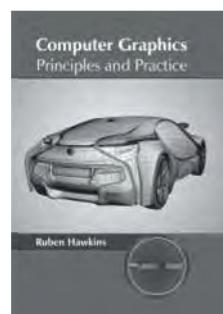


**Waylon Warren**

ISBN: 978-1-63549-158-6 | \$140.00 US | Year 2017  
Book Size: 7"x10" | 364pp./Colored | Hardback

## Computer Graphics: Principles and Practice

The book aims to shed light on some of the unexplored aspects of computer graphics. It provides thorough insights about the uses and methods used in this field of study. Computer graphics is a rapidly growing field of computer sciences which concerns itself with the creating of pictures and movies using computers. It includes topics like vector graphics, computer vision, 3D graphics, sprite graphics, etc. And it is widely used in animation, video games, advertising and graphic design. This text is a compilation of chapters that discuss the most vital concepts in the field of computer graphics. It unfolds the innovative aspects of this field which will be crucial for the holistic understanding of the subject matter. The text is appropriate for those seeking detailed information in this area.



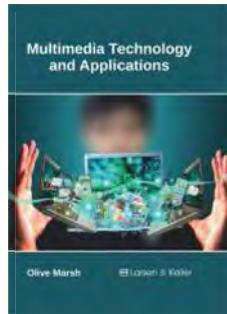
**Ruben Hawkins**

ISBN: 978-1-63549-074-9 | \$135.00 US | Year 2017  
Book Size: 7"x10" | 307pp./Colored | Hardback

# Computer and Information Science

## Multimedia Technology and Applications

This book elucidates new techniques of multimedia technology and their applications in a multidisciplinary approach. It provides thorough knowledge about the various new concepts and methods emerging in this field. Multimedia technology refers to the new age technology which combines the different media like text or print. It can be displayed, recorded, played and accessed by computer and electronic devices. It has two major categories namely linear and nonlinear which will be elaborated more profoundly in the text. Some of the diverse topics covered in the book address the varied branches that fall under this category. This text is a complete source of knowledge on the present status of this important field.

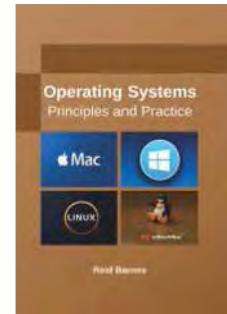


Olive Marsh

ISBN: 978-1-63549-191-3 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 218pp./Colored | Hardback

## Operating Systems: Principles and Practice

Operating systems are one of the most important inventions after the internet. They refer to the system software that manages the program and hardware components of the computers. The most common and famous operating systems are Unix, Microsoft Windows, etc. This book outlines the processes and applications of operating systems in detail. It picks up individual branches and explains their need and contribution in the context of the growth of the subject. Some of the diverse topics covered in this text address the varied branches that fall under this category. This textbook is a complete source of knowledge on the present status of this important field. It will serve as a reference to a broad spectrum of readers.

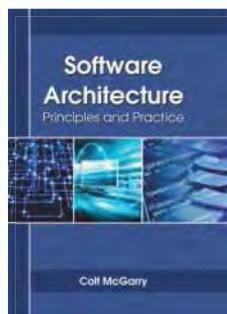


Reid Barnes

ISBN: 978-1-63549-204-0 | \$130.00 US | Year 2017  
Book Size: 7.75"x10.5" | 347pp./Colored | Hardback

## Software Architecture: Principles and Practice

Software architecture is a subfield of software development process and is also referred to as architectural decisions. It deals with the development, design, construction, deployment, maintenance, and production of structures which are the part of software systems. It includes software elements, their interrelation and their properties. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of software architecture. Some of the diverse topics covered in it address the varied branches that fall under this category. This textbook is a complete source of knowledge on the present status of this important field. It is meant for those who are seeking a comprehensive analysis of the present status of this field.



Colt McGarry

ISBN: 978-1-63549-261-3 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 345pp./Colored | Hardback

## Software Engineering

The book aims to shed light on some of the unexplored aspects of software engineering. It elucidates new techniques and their applications in a multidisciplinary approach. Software engineering refers to the development, design, testing, implementation and maintenance of software. The main reason software engineering is done is to produce and manage good software systems and to build better software solutions. It is closely related to computer and management sciences. Most of the topics introduced in this text cover new techniques and the applications of software engineering. It glances at the various subfields of this subject along with technological progress that have future implications. Coherent flow of topics, student-friendly language and extensive use of examples make the text an invaluable source of knowledge.



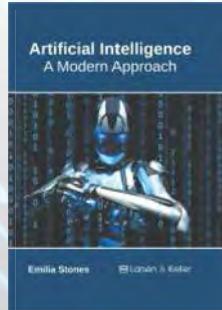
Cersei Page

ISBN: 978-1-63549-262-0 | \$130.00 US | Year 2017  
Book Size: 7.75"x10.5" | 222pp./Colored | Hardback

# Computer and Information Science

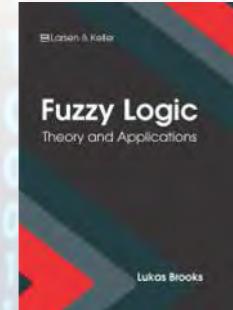
## Artificial Intelligence: A Modern Approach

Artificial intelligence is growing field of information technology. It has transformed the world we will in. It has made the world more accessible, more social, more advanced and is developing the globe at a rapid speed. It has enabled human beings to study the minute and intricate concepts of science, has facilitated us to create better and much advanced machinery for medical and business purposes. This book contains the topics of utmost important topics with regard to artificial intelligence. It aims to provide thorough insights into this subject and give detailed information about the various uses and methods applied in this area. As this field is emerging at a rapid pace, the contents of this text will help the readers understand the modern concepts and applications of the subject.



**Emilia Stones**

ISBN: 978-1-63549-032-9 | \$135.00 US | Year 2017  
Book Size: 7.75"x10.5" | 316pp./Colored | Hardback



**Lukas Brooks**

ISBN: 978-1-63549-129-6 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 334pp./Colored | Hardback

## Human-Computer Interaction

Human-Computer interaction refers to the science of developing better interfaces for users (humans) and computers. It includes the elements of media studies, computer sciences, design and behavioral sciences, etc. This area of study is growing at a rapid pace and changing technology as we know it. Human-Computer interaction study is based on human to human interactions and tries to recreate the same design technologies humans use while communicating with others. This book aims to provide deep knowledge about this subject. It makes constant efforts to make the understanding of the difficult concepts as easy and informative as possible, for the readers. This text is an essential guide for both academicians and those who wish to pursue this discipline further.

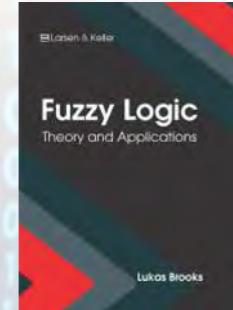


**Marley Harding**

ISBN: 978-1-63549-145-6 | \$147.00 US | Year 2017  
Book Size: 7"x10" | 257pp./Colored | Hardback

## Fuzzy Logic: Theory and Applications

Fuzzy logic refers to a mathematical many-valued logic which considers truth value to be more of one range of values than the other. The main use of fuzzy logic is in fields like artificial intelligence and control theory. This book provides comprehensive insights into this field. It is a compilation of chapters that discuss the most vital concepts in the field of fuzzy logic. The topics included in this text are of utmost significance and are bound to provide incredible insights to readers. This textbook, with its detailed analyses and data, will prove immensely beneficial to students involved in this area at various levels. It will be of great help to those studying artificial intelligence, computer science and probability.



## Virtual Reality: Concepts and Applications

This book elucidates new techniques and their applications in a multidisciplinary approach in the field of virtual reality. It provides thorough insights about the theory and practice of this subject. Virtual reality refers to the advance and complex computer technologies and softwares which create realistic sounds, images and environment around the user, to provide him with an interactive and real surrounding. It enables the user to walk around, interact with the objects of artificially made realistic world, with the help of display screens, projectors or a virtual reality headset. This book is a compilation of chapters that discuss the most vital concepts in the field of virtual reality. The various subfields within this area of study along with the technological progress that have future implications are glanced at in this text. It is an essential guide for both academicians and those who wish to pursue this discipline further.



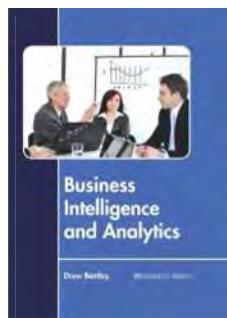
**Maxwell Oliver**

ISBN: 978-1-63549-284-2 | \$130.00 US | Year 2017  
Book Size: 7"x10" | 244pp./Colored | Hardback

# Business and Management

## Business Intelligence and Analytics

Data is raw facts and figures and information is meaningful data that would be helpful for a person or company. Business intelligence extracts information from raw data through tools like data mining, perspective analysis, online analytical processing etc. The textbook will provide comprehensive information to readers about business intelligence and analytics. This book explores all the important aspects of business intelligence and analytics in the present day scenario. The topics covered in this extensive book deal with the core subjects of business intelligence. It aims to serve as a resource guide for students and facilitate the study of the discipline.

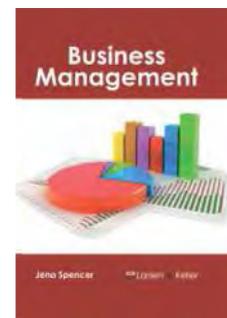


**Drew Bentley**

ISBN: 978-1-63549-056-5 | \$135.00 US | Year 2017  
Book Size: 7.75"x10.5" | 316pp./Colored | Hardback

## Business Management

Business management refers to the practice of organizing work within a firm by using economic and human resources. This book provides thorough insights into the field of business management, its techniques and methods. This text is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in this field. It aims to serve as a resource guide for graduate and post graduate students and contribute to the growth of the discipline.

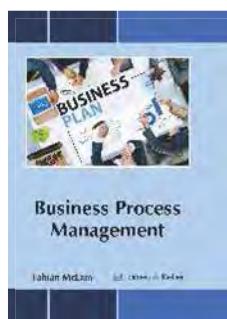


**Jena Spencer**

ISBN: 978-1-63549-054-1 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 295pp./Colored | Hardback

## Business Process Management

Business process management refers to that branch of operations management which deals with the management and optimization of a firm's business processes. It is used to make organizations more capable, efficient and effective to change. This book provides comprehensive insights into the field of business process management. It attempts to understand the multiple branches that fall under this discipline and how such concepts have practical applications. Such selected concepts that redefine this subject area have been presented in it. Different approaches, evaluations and methodologies have been included in it. This textbook is a complete source of knowledge on the present status of this important field.

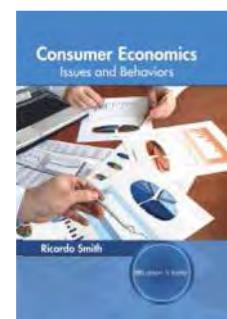


**Fabian McLain**

ISBN: 978-1-63549-234-7 | \$155.00 US | Year 2017  
Book Size: 7"x10" | 254pp./Colored | Hardback

## Consumer Economics: Issues and Behaviors

Consumer economics or home economics, is the study and microeconomic analysis of individuals, consumers and families. It includes topics like consumer demand, wages and practices at a local or regional level. The aim of this textbook is to provide students with the basic information about this field. It includes topics that cover the fundamentals of consumer economics and give deep insights into the different concepts and practices of the same. Different approaches, evaluations and methodologies have been included in this text. For all those who are interested in consumer economics, this textbook can prove to be an essential guide and provide an elaborate and detailed understanding.



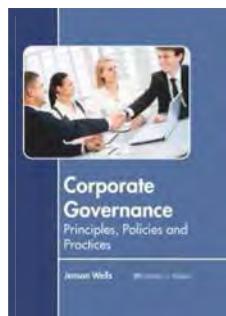
**Ricardo Smith**

ISBN: 978-1-63549-076-3 | \$145.00 US | Year 2017  
Book Size: 7"x10" | 343pp./Colored | Hardback

# Business and Management

## Corporate Governance: Principles, Policies and Practices

The book studies, analyses and upholds the pillars of corporate governance and its utmost significance in modern times. It explains in detail the concepts and procedures that have been established in this field. Corporate governance is the application of different processes, relations and mechanisms that are used to control and direct business firms. It includes monitoring and checking the various policies, decisions and practices of firms and corporations. This book is a valuable compilation of chapters, ranging from the basic to the most complex theories and principles in the field of corporate governance. Most of the topics introduced in this text cover new techniques and the applications of corporate governance. The textbook is appropriate for those seeking detailed information in this area.

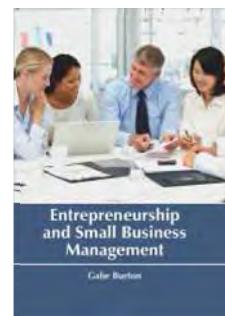


**Jenson Wells**

ISBN: 978-1-63549-206-4 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 315pp./Colored | Hardback

## Entrepreneurship and Small Business Management

This book attempts to understand the multiple branches that fall under the discipline of entrepreneurship and how such concepts have practical applications. It presents this complex subject in the most comprehensible and easy to understand language. Entrepreneurship refers to the launching, designing and running of a new business. It is one of the most important and difficult jobs present. This text is designed to provide readers with thorough insights about the subject. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles of this field. Those with an interest in entrepreneurship would find this book helpful.



**Gabe Burton**

ISBN: 978-1-63549-109-8 | \$150.00 US | Year 2017  
Book Size: 7.75"x10.5" | 250pp./Colored | Hardback

## Innovation Management

The book aims to shed light on some of the unexplored aspects of innovation management. It will give remarkable insight to the students of this subject. Innovation management is the field which deals with the managing of set goals by using creativity and new ideas, products, etc. The main techniques used under this field are virtual prototyping, brainstorming, project management, portfolio management, product life cycle, etc. This text unfolds the novel aspects of innovation management, which will be crucial for the holistic understanding of the subject matter. The topics covered in this extensive book deal with the core subjects of the field. It also explores all the important aspects of innovation management in the present day scenario. The textbook serves as a valuable source of reference for those interested in innovation management.



**Cristian Taylor**

ISBN: 978-1-63549-153-1 | \$155.00 US | Year 2017  
Book Size: 7"x10" | 255pp./Colored | Hardback

## International Trade

As the world is becoming a global village, it is getting very crucial to do international trade. Therefore, to manage the trade on a global basis it requires special laws, rules and guidelines. In this book, effort has been made to make the complex subject of international trade and management simple to understand. The book provides deep insights into the use and application of management in international trade. Different approaches, evaluations and methodologies and advanced studies on the subject have been included in it. This text, with its detailed analyses and data, will prove immensely beneficial to professionals and students involved in this area at various levels.



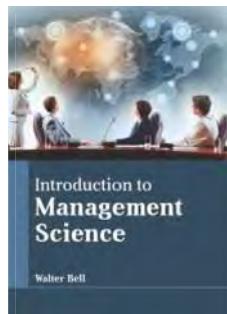
**Cameron Dawson**

ISBN: 978-1-63549-157-9 | \$150.00 US | Year 2017  
Book Size: 7.75"x10.5" | 259pp./Colored | Hardback

# Business and Management

## Introduction to Management Science

Business at any level requires management. Therefore, to organize the various functions within a firm we need business management. As per definition, business management refers to the practice of using human resource and financial resources in an optimum manner, to bring long-term profit to the company. This book will give thorough insights into the subject of management, its uses, techniques and methods. The topics included in it are of utmost significance and bound to provide incredible insights to readers. Different approaches, evaluations and methodologies and advanced studies on the subject have been included in it. This text aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.

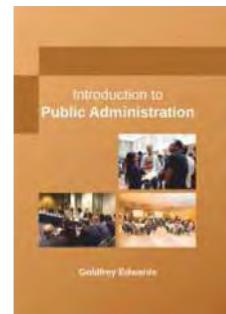


**Walter Bell**

ISBN: 978-1-63549-057-2 | \$140.00 US | Year 2017  
Book Size: 7"x10" | 287pp./Colored | Hardback

## Introduction to Public Administration

The book studies, analyses and uphold the pillars of public administration and its utmost significance in modern times. Public administration is an academic field which is concerned with the study of government policies and administrative work and also their implementation and management. This text unfolds the innovative aspects of public administration theory, which will be crucial for the holistic understanding of the subject matter. It studies, analyses and upholds the pillars of public administration and its utmost significance in modern times. Those in search of information to further their knowledge will be greatly assisted by this textbook. It aims to serve as a resource guide for students and contribute to the growth of the discipline.

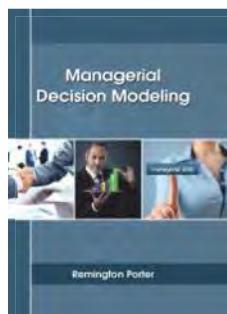


**Goldfrey Edwards**

ISBN: 978-1-63549-241-5 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 345pp./Colored | Hardback

## Managerial Decision Modeling

The book aims to shed light on some of the unexplored aspects of managerial decision modeling. It provides the students with the basic information related to this subject. Managerial decision model refers to a decision model that contains an action axiom. This axiomatic system has four steps namely, formulate, then evaluate, appraise and finally refine. This text is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of managerial decision modeling. It unfolds the innovative aspects of managerial decision modeling which will be crucial for the holistic understanding of the subject matter. This textbook is meant for students who are looking for an elaborate reference text on the subject.



**Remington Porter**

ISBN: 978-1-63549-170-8 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 334pp./Colored | Hardback

## Managerial Economics

This book provides comprehensive insights into the field of economics theory. It picks up individual branches and explains their need and contribution in the context of a growing economy. Economics is a science of determining the distribution, consumption and production of goods and services. It also examines the interactions amongst economic agents and studies the functioning of an economy. The book studies, analyses and uphold the pillars of economics and its utmost significance in modern times. The topics included in it are of utmost significance and bound to provide incredible insights to readers. For all those who are interested in economics theory, this text can prove to be an essential guide.



**Hudson Rees**

ISBN: 978-1-63549-092-3 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 271pp./Colored | Hardback

# Business and Management

## Organizational Management

This book elucidates the concepts and innovative models around prospective developments with respect to organizational management. It describes in detail the various concepts and theories of this field. Organizational management refers to the practice and task of extracting the best performance out of all employees of an organization in order to achieve desired goals. The book aims to shed light on some of the unexplored aspects of organizational management. Most of the topics introduced in it cover diverse management techniques and applications of the subject. The textbook is appropriate for those seeking detailed information in this area. For all those who are interested in organizational management, this book can prove to be an essential guide.



**Julius Duffy**

ISBN: 978-1-63549-212-5 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 352pp./Colored | Hardback

## Product Management

This book elucidates new techniques of product management and their applications in a multidisciplinary approach. It explains the various concepts and methods of this area. Product management refers to the management, organization, planning, marketing and forecasting of a product at every level of the product's lifecycle. The two main roles of product management are product marketing and product development. The book is aimed at students and it makes the understanding of difficult concepts easy. The topics introduced in it cover the basic and fundamental theories of product management. This textbook is an essential guide for graduates and post-graduates in the field of sales management, business marketing and organization management.

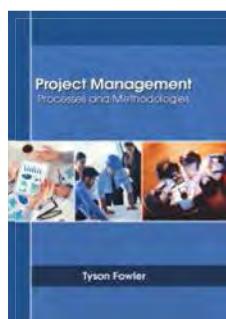


**Mario McClure**

ISBN: 978-1-63549-235-4 | \$140.00 US | Year 2017  
Book Size: 7"x10" | 289pp./Colored | Hardback

## Project Management: Processes and Methodologies

This book outlines the processes and applications of project management in detail. It gives deep insights into the different concepts and methods used in this field. Project management is a practice of control, planning, initiating, executing and finishing work in proper time to meet goals and attain success. It has four basic concerns which are time, budget, quality and scope. The various sub-fields of project management along with technological progress that have future implications are glanced at in this text. It is a complete source of knowledge on the present status of this field. This textbook, with its detailed analyses and data, will prove immensely beneficial to students involved in project management at various levels.



**Tyson Fowler**

ISBN: 978-1-63549-237-8 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 248pp./Colored | Hardback

## Public Relations Management

Public relations management is a part of marketing mix. It is used to promote or advertise any product, idea or service. It refers to the managing of the image of a company or an individual in the market. It includes topics like media relations, internal communications, government relations and crisis communication, etc. This book is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of public relations. The topics included in it are of utmost significance and bound to provide incredible insights to the students. It will provide comprehensive knowledge to the readers.



**Ezekiel Chapman**

ISBN: 978-1-63549-242-2 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 231pp./Colored | Hardback

# Business and Management

## Quality Management

Quality management in business is a process which ensures the quality of the services and products provided by the firm. It has four main sub-headings namely quality assurance, quality planning, quality improvement and most importantly quality control. This book unfolds the innovative aspects of this field, which will be crucial for the holistic understanding of the subject matter. The various sub-fields of quality management along with technological progress that have future implications are glanced at in the book. As this field is emerging at a rapid pace, the contents of this text will help the readers understand the modern concepts and applications of the subject.

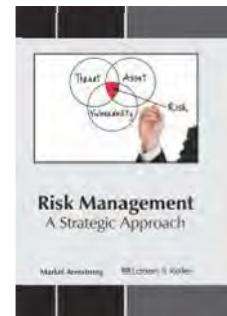


**Ross Gibson**

ISBN: 978-1-63549-243-9 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 210pp./Colored | Hardback

## Risk Management: A Strategic Approach

Risk management refers to the process of analyzing, assessing, identifying and prioritizing the risks involved or uncertainty of objects. It involves minimizing and controlling these unfavourable circumstances so that the business bears minimum to no loss. This book unfolds the innovative aspects of risk management which will be crucial for the holistic understanding of the subject matter. The topics included in it are of utmost significance and are bound to provide incredible insights to readers. In this text, constant effort has been made to make the understanding of the difficult concepts of risk management as easy and informative as possible for the readers. It will serve as a valuable source of reference for those interested in this field.

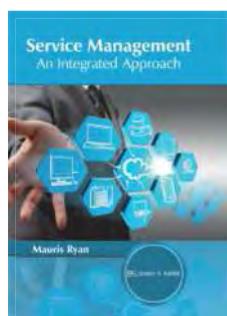


**Markel Armstrong**

ISBN: 978-1-63549-251-4 | \$155.00 US | Year 2017  
Book Size: 7"x10" | 315pp./Colored | Hardback

## Service Management: An Integrated Approach

Different approaches, evaluations and methodologies on service management have been included in this book. It describes in detail the basic concepts of this field. Service management is a part of supply chain management. It concerns itself with the provision of service to the customer, imbibing the customer's point of view and providing maintenance of the products components. Included in this text is a detailed explanation of the various concepts and applications of service management. The textbook is a complete source of knowledge on the present status of this important field. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.

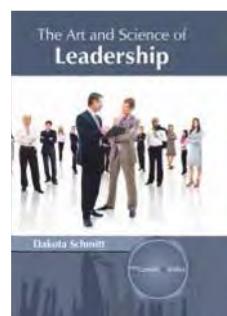


**Mauris Ryan**

ISBN: 978-1-63549-257-6 | \$147.00 US | Year 2017  
Book Size: 7"x10" | 290pp./Colored | Hardback

## The Art and Science of Leadership

This book provides comprehensive insights into the field of leadership. It is designed in such a way that it will provide in depth knowledge about the subject to the students. Leadership is the skill required to lead or manage people, teams and organizations. It includes topics like behavior, values, power, situational interaction, intelligence and vision. The book is a compilation of chapters that discuss the most vital concepts of this field. Different approaches, evaluations and methodologies have been included in it. This textbook is meant for students who are looking for an elaborate reference text on leadership. Some of the diverse topics covered in this book address the various concerns and responsibilities that comprise this field of study.



**Dakota Schmitt**

ISBN: 978-1-63549-165-4 | \$140.00 US | Year 2017  
Book Size: 7"x10" | 292pp./Colored | Hardback

# Business and Management

## Time Management

Time management is the act and practice of dividing time on the basis of priorities. It deals with the attribution of time to fulfill activities that would take an individual or organization towards a specific goal. In today's fast-paced age, time management is becoming an important part of the business, management and manufacturing sectors. This book provides comprehensive insights into the field of time management. It unfolds the innovative aspects about the field, which will be crucial for the holistic understanding of the subject matter. This textbook is meant for students who are looking for an elaborate reference text on time management.

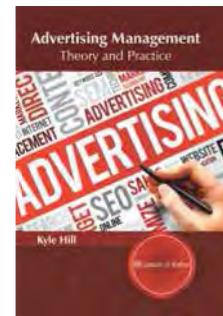


**Jaiden Young**

ISBN: 978-1-63549-276-7 | \$130.00 US | Year 2017  
Book Size: 7"x10" | 289pp./Colored | Hardback

## Advertising Management: Theory and Practice

The book aims to shed light on some of the unexplored aspects of advertising. It gives deep insights about this field of study. Advertising is a part of marketing communication mix. It refers to the use of audio and visual to promote or sell any product, idea or service. The channels used in advertising are T.V, radio, internet, direct email, outdoor advertising and new media, etc. Such selected concepts that redefine advertising have been presented in this book. While understanding the long-term perspectives of the topics, the text makes an effort in highlighting their impact as a modern tool for the growth of the discipline. This textbook is a complete source of knowledge on the present status of this important field.

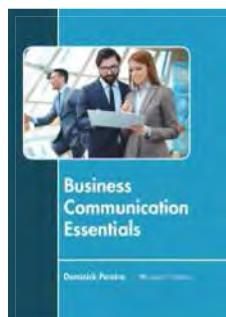


**Kyle Hill**

ISBN: 978-1-63549-014-5 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 262pp./Colored | Hardback

## Business Communication Essentials

This book attempts to understand the multiple branches that fall under the discipline of business communication essentials and how such concepts have practical applications. Business communication is the language that is practiced by employees, the administration and management in order to fulfill organizational goals and bring profits to the company. It incorporates topics like customer behavior, brand management, reputation management, marketing, advertisement, event management, and public relations, etc. This text is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of business communication essentials. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge. As this field is emerging at a rapid pace, the contents of this book will help the readers understand the modern concepts and applications of the subject.

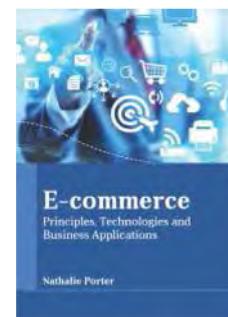


**Dominick Pereira**

ISBN: 978-1-63549-055-8 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 321pp./Colored | Hardback

## E-commerce: Principles, Technologies and Business Applications

Business and internet e-commerce is a rapidly evolving new field. It has changed the way we view business and internet use. With the emergence of e-commerce, the traditional way business and trade works is being challenged and new and innovative ways are being added everyday. As social media is developing very fast thus, by utilizing these resources to advertise, promote, trade and perform other business related activities, e-commerce is expanding. This book will give thorough insights into the growing field of business and internet e-commerce. It will explain in detail the different new methods and uses of internet in business and e-commerce. While understanding the long-term perspectives of the topics, this text makes an effort in highlighting their impact as a modern tool for the growth of the discipline. The book is meant for students who are looking for an elaborate reference text on this field.



**Nathalie Porter**

ISBN: 978-1-63549-053-4 | \$147.00 US | Year 2017  
Book Size: 7"x10" | 284pp./Colored | Hardback

# Business and Management

## Marketing Management

This book elucidates the concepts and innovative models around prospective developments with respect to marketing management. It aims to shed light on some of the unexplored aspects of this field. Marketing management is the application of marketing principles, techniques and methods to manage company's marketing activities. This text is a compilation of chapters that discuss the most vital concepts in this field. Also included in it is a detailed explanation of the various concepts and applications of the subject. Coherent flow of topics, student-friendly language and extensive use of examples make this book an invaluable source of knowledge.

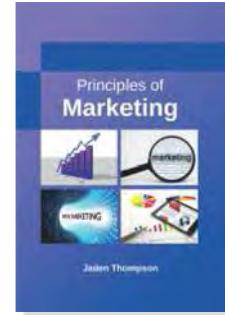


**Harvey Graham**

ISBN: 978-1-63549-175-3 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 236pp./Colored | Hardback

## Principles of Marketing

Marketing as a field is the fastest growing profession in the world and a most important one too. It includes the art of selling, creating and managing a brand or a product. The aim of this text is to give helpful insights about this vast field to the readers. It is designed in a way that it provides deep knowledge about the crucial factors affecting marketing and its most unique techniques. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of marketing. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject.

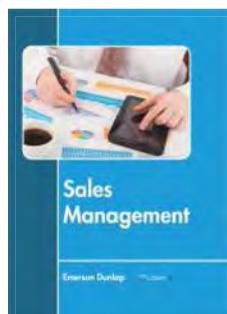


**Jaden Thompson**

ISBN: 978-1-63549-002-2 | \$130.00 US | Year 2017  
Book Size: 7.75"x10.5" | 325pp./Colored | Hardback

## Sales Management

As a crucial part of business management, sales management refers to the practice of using sales concepts and methods to increase and stabilize the sales of any business. It is directly related to profit and influences the image, perception and the shareholders that any business will have. This text is appropriate for students who wish to learn about this important subject. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in the field of sales management. It is meant for those who are looking for an elaborate textbook on sales management. Coherent flow of topics, student-friendly language and extensive use of examples make this text an invaluable source of knowledge.

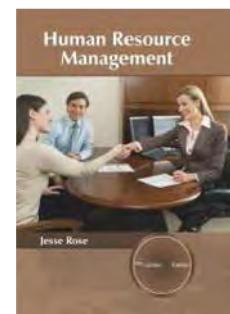


**Emerson Dunlap**

ISBN: 978-1-63549-253-8 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 341pp./Colored | Hardback

## Human Resource Management

This book elucidates new techniques and applications of human resource management in a multidisciplinary approach. It provides detailed information about the various methods employed under this subject. Human resource management refers to the management of employees, providing them with better facilities and solutions and forming new policies for employee benefit. This text explores all the important aspects of this subject in the present day scenario. Most of the topics introduced in it cover new techniques and the applications of human resource management. In the text, constant effort has been made to make the understanding of the difficult concepts of the subject as easy and informative as possible, for the readers. Those in search of information to further their knowledge will be greatly assisted by this text.



**Jesse Rose**

ISBN: 978-1-63549-144-9 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 241pp./Colored | Hardback

# Business and Management

## Organizational Behavior

Organizational behavior is the study of the behavior of humans in an organizational setup. It also studies the interrelation between the organization and the person. It uses methods like computer simulation, quantitative research and qualitative research. This book unfolds the innovative aspects of organizational behavior which will be crucial for the holistic understanding of the subject matter. Such selected concepts that redefine the subject have been presented in this text. Those in search of information to further their knowledge will be greatly assisted by this text. It will provide comprehensive knowledge to the readers and provide incredible insights.



**Marco Malloy**

ISBN: 978-1-63549-169-2 | \$147.00 US | Year 2017  
Book Size: 7"x10" | 254pp./Colored | Hardback

## Financial Accounting

Accounting refers to the communication, processing and measurement of financial information. Whereas, finance is the examination of investment to ascertain risk level and rate of return. Together both these fields are crucial for a business and government body. This book will provide comprehensive knowledge about the subject. It elucidates new techniques and their applications in a multidisciplinary approach. Most of the topics introduced in it cover new techniques and the applications of accounting and finance. Coherent flow of topics, student-friendly language and extensive use of examples make this text an invaluable source of knowledge.

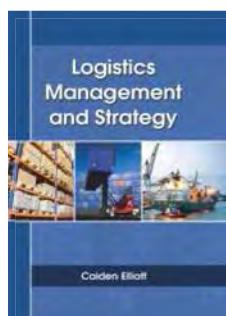


**Theon O'Brien**

ISBN: 978-1-63549-012-1 | \$140.00 US | Year 2017  
Book Size: 7"x10" | 318pp./Colored | Hardback

## Logistics Management and Strategy

This book explores all the important aspects of logistics and strategy in the present day scenario. It describes in detail the most important concepts and methods of this field. Logistics refers to the complex study of the management of flow of things in an organization from its place of origin to its consumption. Strategy is the detailed and high-end plan to achieve goals and objectives set in an organization. Most of the topics introduced in this text cover new techniques and the applications of logistics management and strategy. It unfolds the innovative aspects of this area, which will be crucial for the holistic understanding of the subject matter. This book is a compilation of chapters that discusses the most vital concepts in the field of logistics management. The text will serve as a valuable source of reference for those interested in this field.

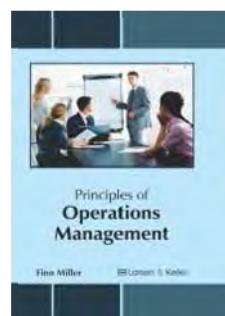


**Caiden Elliott**

ISBN: 978-1-63549-167-8 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 293pp./Colored | Hardback

## Principles of Operations Management

Operations management refers to that branch of management that deals with the monitoring, organization, planning and design of production related concepts and practices. The topics that are dealt within this book are mathematical modeling, production systems, metrics and configuration management, etc. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of operational management. The various sub-fields of the subject along with technological progress that have future implications are glanced at in it. For all those who are interested in operations management, this textbook can prove to be an essential guide. It seeks to provide comprehensive insights into the subject.



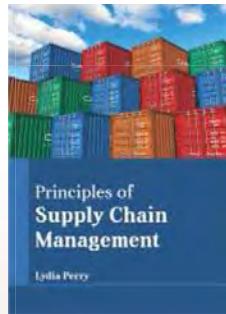
**Finn Miller**

ISBN: 978-1-63549-205-7 | \$155.00 US | Year 2017  
Book Size: 7"x10" | 301pp./Colored | Hardback

# Business and Management

## Principles of Supply Chain Management

This book elucidates the concepts and innovative models around prospective developments with respect to supply chain management. It picks up individual topics and explains their need and contribution in the context of the growth of this field. Supply chain management refers to the management of goods and services. It includes storage, inventory and transportation of raw materials and finished goods. It is used in the fields like operations management, industrial management, information technology, systems engineering and marketing, etc. The topics included in this book are of utmost significance and bound to provide incredible insights to readers. It will serve as a valuable source of reference for those interested in this field.

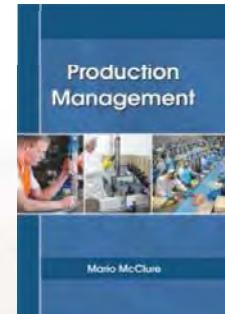


**Lydia Perry**

ISBN: 978-1-63549-269-9 | \$145.00 US | Year 2017  
Book Size: 7"x10" | 252pp./Colored | Hardback

## Production Management

This book elucidates new techniques and their applications in a multidisciplinary approach with respect to production management. It describes in detail the various concepts and methods used in this field. Production management provides a layout of all aspects of a product's lifecycle from the processes in the factory to logistics and planning of resources. It is specially designed for students to gain basic knowledge about the primary concepts of production management. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge. It aims to serve as a resource guide for students and facilitate the study of the discipline.

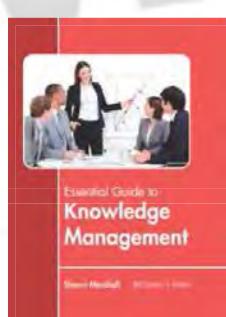


**Mario McClure**

ISBN: 978-1-63549-236-1 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 310pp./Colored | Hardback

## Essential Guide to Knowledge Management

To manage, create, use and share knowledge and information related to a firm or an organization is referred to as knowledge management. It contains elements of many different fields like information sciences, business administration, management, information systems, library, etc. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of knowledge management. While understanding the long-term perspectives of the topics, the text makes an effort to highlight their impact as a modern tool for the growth of the discipline. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.



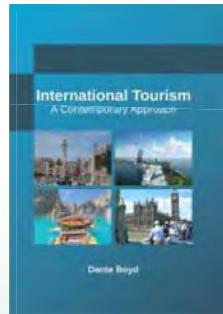
**Shawn Marshall**

ISBN: 978-1-63549-161-6 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 315pp./Colored | Hardback

# Tourism and Hospitality

## International Tourism: A Contemporary Approach

As the world becomes a global village, the tourism industry is growing at a rapid pace. International tourism is the industry that facilitates and regulates movement of tourists across established national borders. It also deals with the rules, rights and regulations of citizens in foreign territories. Thus, this book presents the laws and rules of international tourism. It includes topics that deal with the basic to the most complex concepts and approaches of this area. It elaborates on the fundamental tendencies of the tourism industry and consumer behavior patterns. This textbook aims to serve as a resource guide for students and contribute to the growth of the discipline.

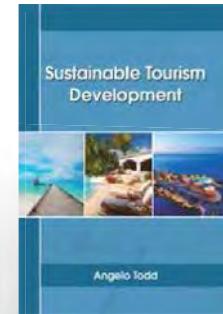


**Dante Boyd**

ISBN: 978-1-63549-156-2 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 480pp./Colored | Hardback

## Sustainable Tourism Development

This book attempts to understand the multiple branches that fall under the discipline of sustainable tourism development and how such concepts have practical applications. It is a phenomenon of tourism that emphasizes and encourages practices related to sustainable and equitable growth of the economy while at the same time highlighting conservation methods and cultural assimilation. This book attempts to understand the multiple aspects of sustainable tourism development and how such concepts have practical applications. It follows a multidisciplinary aspect as well. Most of the topics introduced in this text cover new techniques and the applications of sustainable tourism development. It aims to serve as a resource guide for students and facilitate the growth of the discipline.

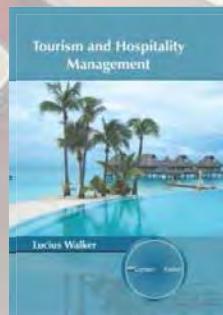


**Angelo Todd**

ISBN: 978-1-63549-272-9 | \$155.00 US | Year 2017  
Book Size: 7"x10" | 262pp./Colored | Hardback

## Tourism and Hospitality Management

Globalization has made the world a village and thus, travelling has become a daily requirement of the masses. As the number of passengers increase day by day, the competition also swiftly mounts up. Therefore, it is the need of the hour to provide customers with best hospitality to thrive in this field. This text is made for students who are looking for a proper guide for this subject. It contains chapters and topics that discuss the new and improved developments in this area and also provide a deep knowledge of the past theories and concepts of the hospitality industry. This textbook will serve as a reference to a broad spectrum of readers..



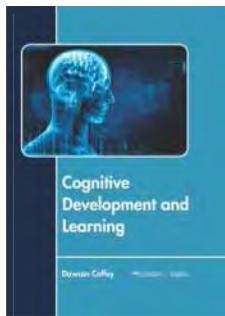
**Lucius Walker**

ISBN: 978-1-63549-003-9 | \$135.00 US | Year 2017  
Book Size: 7"x10" | 331pp./Colored | Hardback

# Education

## Cognitive Development and Learning

The book studies, analyses and upholds the pillars of cognitive development and learning and its utmost significance in modern times. Cognitive development in the most basic sense, refers to the science of examining the psychological development process of children. It studies the child's language learning skills, information processing, perceptual skills and his/her development in conceptual resources and reasoning. In this book, constant effort has been made to make the understanding of the difficult concepts of this field as easy and informative as possible for the readers. The topics covered in this text provide knowledge about the various concepts and applications of cognitive development. It aims to serve as a resource guide for students and facilitate the study of this discipline.

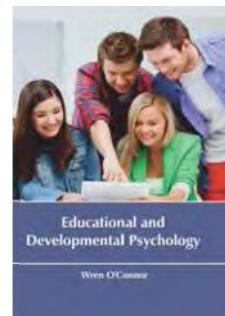


Dawson Coffey

ISBN: 978-1-63549-070-1 | \$130.00 US | Year 2017  
Book Size: 7.75"x10.5" | 388pp./Colored | Hardback

## Educational and Developmental Psychology

Educational psychology refers to the study of learning process in humans from infancy to old age. It includes examining the behavioral and cognitive perspective of learning. And understand the differences between cognitive development, self-regulation, intelligence, etc. On the other hand developmental psychology refers to the study of the change and evolution of humans throughout their lifespan. It incorporates the study of language acquisition, motor skills, moral understanding, emotional development among others topics. The book studies, analyses and uphold the pillars of educational and developmental psychology and their utmost significance in modern times. The various subfields along with their progress that have future implications are glanced at in this text. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject.

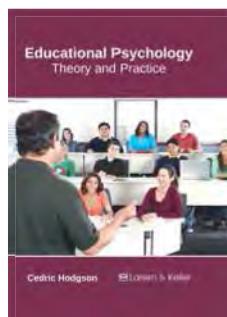


Wren O'Connor

ISBN: 978-1-63549-095-4 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 256pp./Colored | Hardback

## Educational Psychology: Theory and Practice

Education is a fundamental right of a person. It enables him or her to succeed in life. It is a process of gaining knowledge, beliefs, skills, values, etc. through the methods like storytelling, research, training, learning, discussing and teaching. Every government works towards achieving hundred percent literacy and thus, it is important to study about the necessity of education. Through this book, we attempt to address the topics like the importance, need and result of education. It is designed to provide the readers a thorough understanding of the different topics related to education. Such selected concepts that redefine this subject have been presented in this text. Different approaches, evaluations and methodologies and advanced studies on education have been included in it. It aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.

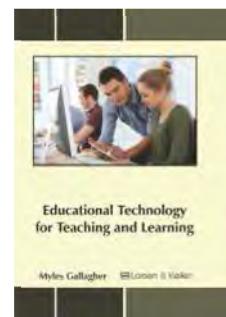


Cedric Hodgson

ISBN: 978-1-63549-094-7 | \$135.00 US | Year 2017  
Book Size: 7.75"x10.5" | 353pp./Colored | Hardback

## Educational Technology for Teaching and Learning

This book elucidates new techniques and applications of educational technology in a multidisciplinary approach. It provides deep knowledge of the various concepts and theories of the subject. Educational technology refers to the practice of using best technological processes available to make learning more easier and understandable. This field uses elements from different subjects like computer-based learning, m-learning, and learning theory. Most of the topics introduced in this text cover new topics of educational technology that deal with evaluation, curriculum development and educational tools and multimedia. This textbook, with its detailed analyses and data, will prove immensely beneficial to graduates and post-graduates involved in this area at various levels.



Myles Gallagher

ISBN: 978-1-63549-097-8 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 278pp./Colored | Hardback

## Digital Library

This book outlines the processes and applications of digital library in detail. It provides deep insights into this field. Digital library refers to an electronic collection of texts, audio, video, visuals, etc. It is an information retrieval system and is arranged, organized and stored in the same way as a physical library. This text is a compilation of chapters that discuss the most vital concepts in the field of digital library. Different approaches, evaluations and methodologies have been included in it. Also included in this text is a detailed explanation of the various concepts of the area. This textbook is meant for students who are looking for an elaborate reference text on digital library.



Rafael Wagner

ISBN: 978-1-63549-086-2 | \$142.00 US | Year 2017  
Book Size: 7"x10" | 284pp./Colored | Hardback

## Fundamentals of Educational Research

As education is a vital part of a person's growth and evolution, thus, educational research becomes very important. It refers to the practice of evaluating and refining educational aspects like training methods, student learning, teacher training, teaching methods and classroom dynamics, etc. This area includes fields like philosophy, psychology, sociology and anthropology, etc. This book elucidates new techniques and their applications in a multidisciplinary approach. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in this subject of educational research. While understanding the long-term perspectives of the topics, the text makes an effort in highlighting their impact as a modern tool for the growth of the discipline. This textbook will serve as a valuable source of reference for those interested in this field.



Shaun Robson

ISBN: 978-1-63549-096-1 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 240pp./Colored | Hardback

## Learning with Technology

The book aims to shed light on some of the unexplored aspects of educational technology. It talks about the use of technology in learning process and also provides deep insights about the different techniques used in this field. Learning with technology refers to the optimum use of technology in facilitating better education and a greater learning experience. It includes online learning, learning theory, and m-learning. Most of the topics introduced in this text cover new techniques and the applications of the subject. Those in search of information to further their knowledge in the field of educational technology will be greatly assisted by this textbook.

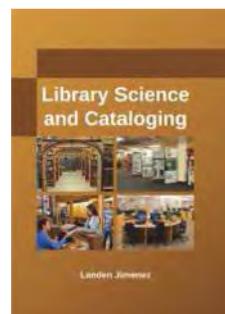


Leo Roberts

ISBN: 978-1-63549-004-6 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 291pp./Colored | Hardback

## Library Science and Cataloging

This book elucidates new techniques and applications of library science in a multidisciplinary approach. It discusses this topic in detail and provides deep insights about the fundamentals of this subject. Library science refers to the practice of applying tools and methodology of information technology, management, and education to preserve, organize, collect, and disseminate information in libraries. Most of the topics introduced in this text cover new techniques and the applications of library science and cataloging. It presents this complex subject in the most comprehensible and easy to understand language. The textbook will serve as a valuable source of reference and will prove to be an essential guide to all those who are interested in this field.

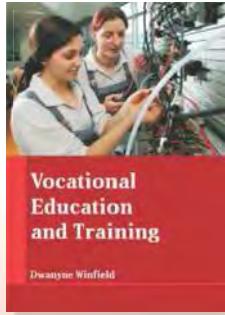


Landen Jimenez

ISBN: 978-1-63549-060-2 | \$130.00 US | Year 2017  
Book Size: 7.75"x10.5" | 327pp./Colored | Hardback

### Vocational Education and Training

This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of vocational education. It gives detailed information about the various methods and techniques used in this field. Vocational education is an education provided to a person to make them skilled to do trade or craft or even to become technicians. Vocationally trained people become assistants on the jobs like architecture, engineering, nursing, law, etc. This textbook attempts to understand the multiple branches that fall under the discipline of vocational education and how such concepts have practical applications. The topics included in it are of utmost significance and bound to provide incredible insights to readers. The text is appropriate for those seeking detailed information in this area.

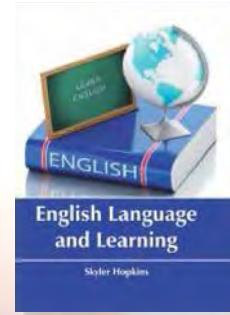


**Dwanye Winfield**

ISBN: 978-1-63549-285-9 | \$155.00 US | Year 2017  
Book Size: 7"x10" | 252pp./Colored | Hardback

### English Language and Learning

This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of English language and learning. It will describe in detail the use of English throughout the globe and the different learning methods adopted in the various countries. English is taught as a secondary language in many countries and therefore, its subjective learning is vital. This book is compiled in such a manner that it will provide the readers with adequate information about the subject. It unfolds the innovative aspects of English language learning which will be crucial for the holistic understanding of the subject matter. Some of the diverse topics covered in this text address the varied branches that fall under this category. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.



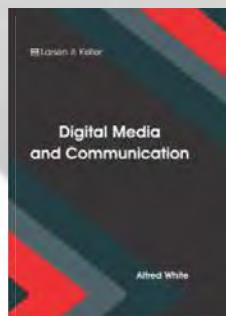
**Skyler Hopkins**

ISBN: 978-1-63549-107-4 | \$130.00 US | Year 2017  
Book Size: 7.75"x10.5" | 343pp./Colored | Hardback

# Media and Communication Studies

## Digital Media and Communication

As the world is becoming a global village, the role of digital media is getting crucial. Digital media is being used throughout the globe to communicate. Media platforms like T.V, radio, and specially the internet are the major tools for effective communication around the world. This book helps students in understanding the major role that digital media plays in communication sector and how the new technologies are enhancing the quality of media platforms. The topics included in the book are designed to give students a basic understanding about the various concepts of this area. The textbook aims to serve as a resource guide for students and experts alike and contribute to the growth of the discipline.

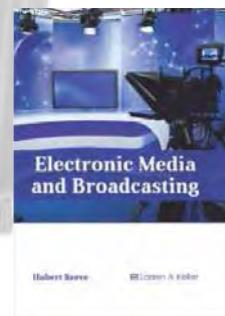


**Alfred White**

ISBN: 978-1-63549-009-1 | \$135.00 US | Year 2017  
Book Size: 7.75"x10.5" | 341pp./Colored | Hardback

## Electronic Media and Broadcasting

This book provides detailed explanation of the various concepts and applications of electronic media and broadcasting. It picks up individual branches and explains their need and contribution in the context of the growth of the field of journalism. Electronic media refers to any media channel that facilitates the spread of information and broadcasting refers to the act of spreading this information using the electronic devices. The important electronic media channels used in broadcasting are T.V, radio, telephone, laptops, computers, game consoles, etc. Most of the topics introduced in this book cover new techniques and the applications of this subject. This book attempts to assist those with a goal of delving into the field of electronic media and broadcasting.

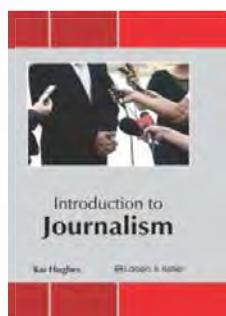


**Hubert Reeve**

ISBN: 978-1-63549-101-2 | \$142.00 US | Year 2017  
Book Size: 7.75"x10.5" | 239pp./Colored | Hardback

## Introduction to Journalism

Journalism is the practice of spreading news or information through the medium of newspapers, magazines, tabloids, or presenting it on radio and T.V. New media like Internet has become a fast medium of spreading information. This book unfolds the innovative aspects of journalism, which will be crucial for the holistic understanding of the subject matter. Included in it is a detailed explanation of the various concepts and forms of journalism. The topics covered in it offer the readers new insights in this field. For someone with an interest and eye for detail, this book covers the most fundamental elements of journalism. The text aims to serve as a resource guide for students and facilitate the study of the discipline.

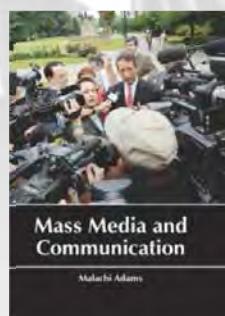


**Kai Hughes**

ISBN: 978-1-63549-160-9 | \$150.00 US | Year 2017  
Book Size: 7"x10" | 254pp./Colored | Hardback

## Mass Media and Communication

This book attempts to understand the multiple branches that fall under the discipline of print and mass media and how such concepts have practical applications. Mass media includes different channels that use electronic and non-electronic devices to send the message to the audience. It includes print media, broadcast media (radio, television), outdoor media (billboards, skywriting) and digital media (internet, mobile mass communication). Print media is a part of mass media. It refers to the practice of spreading information via print channels like newspapers, magazines, tabloids, etc. The text presents this complex subject in the most comprehensible and easy to understand language. For someone with an interest and eye for detail, this textbook covers the most significant topics in this field.



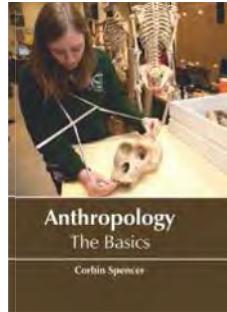
**Malachi Adams**

ISBN: 978-1-63549-232-3 | \$155.00 US | Year 2017  
Book Size: 7.75"x10.5" | 275pp./Colored | Hardback

# Social Sciences

## Anthropology: The Basics

Anthropology refers to the study of human societies from the oldest known civilizations to the present. It has four different sub-branches namely, social anthropology, linguistic anthropology, cultural anthropology, and biological anthropology. In some countries archaeology is also grouped under its sub-branches whereas, in other countries it is treated as a different field. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of anthropology. It unfolds the innovative aspects of this field that will be crucial for the holistic understanding of the subject matter. While understanding the long-term perspectives of the topics, the textbook makes an effort in highlighting their impact as a modern tool for the growth of the discipline.

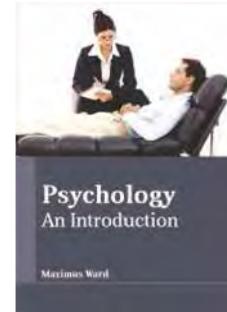


**Corbin Spencer**

ISBN: 978-1-63549-029-9 | \$147.00 US | Year 2017  
Book Size: 7.75"x10.5" | 268pp./Colored | Hardback

## Psychology: An Introduction

This book elucidates the concepts and innovative models around prospective developments with respect to psychology and behavioral health. It will provide deep insights about the various important subjects related to this area. Behavioral health refers to the mental wellbeing of a person. It concerns itself with the prevention and cure of diseases like depression, anxiety, ADHD, etc. The aim of this book is to provide students with adequate information regarding the psychological and behavioral disorders. Such selected concepts that redefine this field have been presented in it. Coherent flow of topics, student-friendly language and extensive use of examples make this textbook an invaluable source of knowledge.

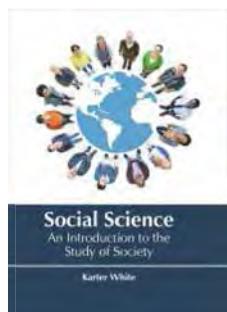


**Maximus Ward**

ISBN: 978-1-63549-240-8 | \$155.00 US | Year 2017  
Book Size: 7"x10" | 290pp./Colored | Hardback

## Social Science: An Introduction to the Study of Society

This book elucidates the concepts and innovative models around prospective developments with respect to social science. It describes in detail about the fundamentals of this subject. Social science as a part of academics, deals with the study of the society as a whole and the relationship between humans and their society and surroundings. It includes branches like political science, sociology, history, economics, geography and psychology. This textbook is a valuable compilation of topics, ranging from the basic to the most complex theories and principles of this field. It will serve as a reference to a broad spectrum of readers.

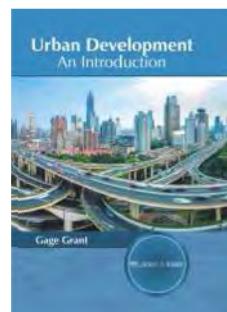


**Karter White**

ISBN: 978-1-63549-260-6 | \$145.00 US | Year 2017  
Book Size: 7.75"x10.5" | 347pp./Colored | Hardback

## Urban Development: An Introduction

Urban development is a part of urban studies. It refers to the planning, managing of land, communication, environment, infrastructure, public welfare, transportation, and distribution networks. It includes sub-fields like civil engineering, architecture, public administration, and landscape architecture. This book is a compilation of chapters that discuss the most vital concepts in the field of urban studies and development. The topics included in it are of utmost significance and bound to provide incredible insights to the students. This textbook, with its detailed analyses and data, will prove immensely beneficial to professionals and students involved in this area at various levels.

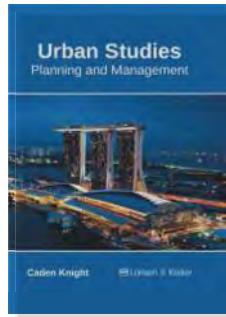


**Gage Grant**

ISBN: 978-1-63549-280-4 | \$135.00 US | Year 2017  
Book Size: 7"x10" | 261pp./Colored | Hardback

## Urban Studies: Planning and Management

This book provides comprehensive insights into the field of urban studies, planning and management. It gives detailed insights about this subject. Urban studies consist of urban planning, which refers to the proper use of land, public welfare, environment and better implementation of transport system, network system and communication networks. Most of the topics introduced in this text cover new techniques and the applications of urban planning and management. Different approaches, evaluations and methodologies and advanced studies have been included in it. This textbook is meant for students who are looking for an elaborate reference text on urban planning.



Caden Knight

ISBN: 978-1-63549-281-1 | \$140.00 US | Year 2017  
Book Size: 7.75"x10.5" | 226pp./Colored | Hardback



## List of Titles

### Agriculture and Plant Science

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
1	Agricultural Engineering: Principles and Applications	Cade Doherty	978-1-63549-017-6	142.00	2017
2	An Introduction to Botany	Diago Bell	978-1-63549-052-7	155.00	2017
3	Aquaculture and Fish Farming	Brendan Marshall	978-1-63549-031-2	140.00	2017
4	Crop Protection and Management	Frazer Murphy	978-1-63549-079-4	130.00	2017
5	Crop Science and Technology	Cassius Foster	978-1-63549-018-3	130.00	2017
6	Dairy Science and Technology	Drake Ward	978-1-63549-083-1	142.00	2017
7	Farm Management	Wilfrid Stevens	978-1-63549-118-0	140.00	2017
8	Fisheries Management	Clavin Wilkinson	978-1-63549-120-3	140.00	2017
9	Fundamentals of Weed Science	Holden Clark	978-1-63549-294-1	155.00	2017
10	Horticulture: Principles and Practices	Damien Miller	978-1-63549-143-2	155.00	2017
11	Insecticides and Pesticides: Techniques for Crop Protection	Drew Adams	978-1-63549-154-8	142.00	2017
12	Introduction to Agronomy	Cassius Foster	978-1-63549-020-6	142.00	2017
13	Irrigation: Agricultural Water Management	Lucias Chapman	978-1-63549-289-7	147.00	2017
14	Livestock Production & Management	Bran Powell	978-1-63549-166-1	145.00	2017
15	Organic Farming	Cruz Hawkins	978-1-63549-210-1	155.00	2017
16	Plant Pathology	Tomos Webb	978-1-63549-224-8	142.00	2017
17	Plant Genetics and Genomics	Shane Simpson	978-1-63549-223-1	147.00	2017
18	Poultry Science	Gideon Waddell	978-1-63549-229-3	150.00	2017
19	Principles and Techniques of Plant Breeding	Damien Miller	978-1-63549-222-4	155.00	2017
20	Principles of Agroecology	Milan Collins	978-1-63549-019-0	145.00	2017
21	Principles of Crop Production	Kamden Carney	978-1-63549-080-0	147.00	2017
22	Seed Science and Technology	Percival Rooser	978-1-63549-255-2	130.00	2017
23	Soil Science and Management	Leyton Gray	978-1-63549-263-7	155.00	2017
24	Sustainable Agriculture and Farming	Logen Robinson	978-1-63549-000-8	142.00	2017
25	Techniques of Weed and Pest Control	Jax Bailey	978-1-63549-293-4	142.00	2017
26	Textbook of Soil Science	Alfie Williams	978-1-63549-001-5	155.00	2017
27	Vegetable and Fruits: Farming and Gardening	Braden Bowen	978-1-63549-282-8	145.00	2017

## Biochemistry, Genetics, Biotechnology and Molecular Biology

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
28	Amino Acids: Biochemistry and Applications	Fraser Barrett	978-1-63549-024-4	145.00	2017
29	An Introduction to Bioinformatics	Regan Knight	978-1-63549-045-9	145.00	2017
30	An Introduction to Biotechnology	Maison Owen	978-1-63549-050-3	150.00	2017
31	Antimicrobial Drug Resistance	Ollie Gill	978-1-63549-030-5	142.00	2017
32	Biomedicine	Davon Matthews	978-1-63549-047-3	135.00	2017
33	Environmental Biochemistry	Erik Hamilton	978-1-63549-110-4	130.00	2017
34	Enzyme Biotechnology	Benjy Elliott	978-1-63549-115-9	130.00	2017
35	Essentials of Genetics	Ayden Llyod	978-1-63549-132-6	145.00	2017
36	Immunology	Joffrey Butler	978-1-63549-148-7	147.00	2017
37	Introduction to Bacteriology	Haris Russell	978-1-63549-037-4	135.00	2017
38	Introduction to Cell Biology	Casper Barnes	978-1-63549-061-9	155.00	2017
39	Microbiology: An Introduction	Andre Douglas	978-1-63549-184-5	142.00	2017
40	Molecular Biology	Curtis Holmes	978-1-63549-190-6	130.00	2017
41	Parasitology: A Conceptual Approach	Grayson Barker	978-1-63549-213-2	145.00	2017
42	Pharmacology	Phoenix McWilliams	978-1-63549-217-0	140.00	2017
43	Principles of Biochemistry	Tate Campbell	978-1-63549-007-7	150.00	2017
44	Proteomics: A Comprehensive Study of Proteins	Tanner Perry	978-1-63549-239-2	130.00	2017

## Biological Sciences

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
45	A Comprehensive Introduction to Cryobiology	Colby Gunn	978-1-63549-081-7	142.00	2017
46	Biology of Marine Mammals	Hyman Dunn	978-1-63549-174-6	142.00	2017
47	Biotic and Abiotic Stress in Plants	Peyton Turner	978-1-63549-051-0	130.00	2017
48	Cell Biology: Meiosis and Mitosis	Griffith Reid	978-1-63549-182-1	155.00	2017
49	Computational Biology: An Introduction	Mitchell Spencer	978-1-63549-072-5	147.00	2017
50	Entomology: Study of Insects	Jael Payne	978-1-63549-108-1	145.00	2017
51	Essentials of Stem Cell Biology	Ian Cole	978-1-63549-268-2	140.00	2017
52	Evolutionary Biology	Solomon Stevens	978-1-63549-116-6	145.00	2017
53	Introductory Biology	Jerry Thorpe	978-1-63549-300-9	150.00	2017
54	Marine Biology	Stefan Jenkins	978-1-63549-172-2	145.00	2017
55	Photosynthesis: Concepts and Applications	Jonathon Saunders	978-1-63549-220-0	130.00	2017

## Business and Management

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
56	Advertising Management: Theory and Practice	Kyle Hill	978-1-63549-014-5	150.00	2017
57	Business Communication Essentials	Dominick Pereira	978-1-63549-055-8	155.00	2017
58	Business Intelligence and Analytics	Drew Bentley	978-1-63549-056-5	135.00	2017
59	Business Management	Jena Specner	978-1-63549-054-1	142.00	2017
60	Consumer Economics: Issues and Behaviors	Ricardo Smith	978-1-63549-076-3	145.00	2017
61	Corporate Governance: Principles, Policies and Practices	Jenson Wells	978-1-63549-206-4	147.00	2017
62	E-Commerce: Principles, Technologies and Business Applications	Nathalie Porter	978-1-63549-053-4	147.00	2017
63	Entrepreneurship and Small Business Management	Gabe Burton	978-1-63549-109-8	150.00	2017
64	Essential Guide to Knowledge Management	Shawn Marshall	978-1-63549-161-6	140.00	2017
65	Financial Accounting	Theon O'brien	978-1-63549-012-1	140.00	2017
66	Business Process Management	Fabian McLain	978-1-63549-234-7	155.00	2017
67	Human Resource Management	Jesse Rose	978-1-63549-144-9	142.00	2017
68	Innovation Management	Cristian Taylor	978-1-63549-153-1	155.00	2017
69	International Trade	Cameron Dawson	978-1-63549-157-9	150.00	2017
70	Introduction to Management Science	Walter Bell	978-1-63549-057-2	140.00	2017
71	Introduction to Public Administration	Goldfrey Edwards	978-1-63549-241-5	147.00	2017
72	Logistics Management and Strategy	Caiden Elliott	978-1-63549-167-8	150.00	2017
73	Managerial Decision Modeling	Remington Porter	978-1-63549-170-8	142.00	2017
74	Managerial Economics	Hudson Rees	978-1-63549-092-3	142.00	2017
75	Marketing Management	Harvey Graham	978-1-63549-175-3	145.00	2017
76	Organizational Behavior	Marco Malloy	978-1-63549-169-2	147.00	2017
77	Organizational Management	Julius Duffy	978-1-63549-212-5	142.00	2017
78	Principles of Marketing	Jaden Thompson	978-1-63549-002-2	130.00	2017
79	Principles of Operations Management	Finn Miller	978-1-63549-205-7	155.00	2017
80	Principles of Supply Chain Management	Lydia Perry	978-1-63549-269-9	145.00	2017
81	Product Management	Mario McClure	978-1-63549-235-4	140.00	2017
82	Production Management	Mario McClure	978-1-63549-236-1	142.00	2017
83	Project Management: Processes and Methodologies	Tyson Fowler	978-1-63549-237-8	140.00	2017
84	Public Relations Management	Ezekiel Chapman	978-1-63549-242-2	142.00	2017

## Business and Management

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
85	Quality Management	Ross Gibson	978-1-63549-243-9	147.00	2017
86	Risk Management: A Strategic Approach	Markel Armstrong	978-1-63549-251-4	155.00	2017
87	Sales Management	Emerson Dunlap	978-1-63549-253-8	142.00	2017
88	Service Management: An Integrated Approach	Mauris Ryan	978-1-63549-257-6	147.00	2017
89	The Art and Science of Leadership	Dakota Schmitt	978-1-63549-165-4	140.00	2017
90	Time Management	Jaiden Young	978-1-63549-276-7	130.00	2017

## Chemistry

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
91	Agricultural Chemistry	Bert Hudson	978-1-63549-016-9	147.00	2017
92	Chromatography: Concepts, Methods and Applications	Judah Carter	978-1-63549-066-4	135.00	2017
93	Electrochemistry and Electrochemical Engineering	Lenny Hart	978-1-63549-099-2	155.00	2017
94	Green Chemistry	Nate Newman	978-1-63549-139-5	145.00	2017
95	Introductory Chemistry	Rylan Hayes	978-1-63549-064-0	142.00	2017
96	Medicinal Chemistry: An Introduction	Oakely Webster	978-1-63549-181-4	155.00	2017
97	Chemistry Essentials: Organic and Inorganic	Rhett McAllister	978-1-63549-209-5	130.00	2017
98	Polymer Chemistry	Walter O'Hara	978-1-63549-228-6	140.00	2017
99	Principles of Photochemistry	Nehemiah Wyatt	978-1-63549-218-7	145.00	2017
100	Quantum Chemistry	Ivor McGarry	978-1-63549-244-6	130.00	2017
101	Solid State Chemistry: An Introduction	Aden Crowley	978-1-63549-265-1	147.00	2017

## Complementary and Alternative Medicine

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
102	Chinese Medicine: A Comprehensive Guide	Roberto Forbes	978-1-63549-065-7	142.00	2017
103	Complementary and Alternative Medicine	Pedro Cahill	978-1-63549-071-8	155.00	2017
104	Yoga and Meditation: Alternative Medicine	Leon Beach	978-1-63549-259-0	140.00	2017

## Computer and Information Science

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
105	Artificial Intelligence: A Modern Approach	Emilia Stones	978-1-63549-032-9	135.00	2017
106	C++: The Programming Language	Waylon Warren	978-1-63549-158-6	140.00	2017
107	Computational Neuroscience	Kieran Robertson	978-1-63549-073-2	142.00	2017
108	Computer and Information Science	Jensen Hunter	978-1-63549-150-0	155.00	2017
109	Computer Graphics: Principles and Practice	Ruben Hawkins	978-1-63549-074-9	135.00	2017
110	Computer Networking	Paxton Byrne	978-1-63549-159-3	145.00	2017
111	Cryptography: Principles and Practices	Joey Holland	978-1-63549-082-4	142.00	2017
112	Data Mining	Julio Bolton	978-1-63549-301-6	142.00	2017
113	Fundamentals of Game Design	Zion Gibson	978-1-63549-130-2	142.00	2017
114	Fuzzy logic: Theory and Applications	Lukas Brooks	978-1-63549-129-6	150.00	2017
115	Human-Computer Interaction	Marley Harding	978-1-63549-145-6	147.00	2017
116	Information Security: Principles and Practices	Miles Carr	978-1-63549-151-7	135.00	2017
117	Information Technology Management	Hamza Lowe	978-1-63549-152-4	140.00	2017
118	Modern Database Management	Mitchell Penn	978-1-63549-084-8	140.00	2017
119	Multimedia Technology and Applications	Olive Marsh	978-1-63549-191-3	155.00	2017
120	Numerical Analysis, Modelling and Simulation	Griffin Cook	978-1-63549-200-2	155.00	2017
121	Operating Systems: Principles and Practice	Reid Barnes	978-1-63549-204-0	130.00	2017
122	Software Architecture: Principles and Practice	Colt McGarry	978-1-63549-261-3	150.00	2017
123	Software Engineering	Cersei Page	978-1-63549-262-0	130.00	2017
124	Virtual Reality: Concepts and Applications	Maxwell Oliver	978-1-63549-284-2	130.00	2017

## Earth and Planetary Sciences

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
125	An Introduction to Seismology	Jonathan Frost	978-1-63549-258-3	135.00	2017
126	An Introduction to Topography	Royce Sutton	978-1-63549-277-4	155.00	2017
127	Astronomy: A Comprehensive Study	Alejandro Cooke	978-1-63549-033-6	140.00	2017
128	Cartography: Science of Making Maps	Tucker Nichollas	978-1-63549-059-6	150.00	2017
129	Earth and Planetary Science	Harv Kennedy	978-1-63549-089-3	142.00	2017
130	Earthquake Engineering	Devin Burns	978-1-63549-090-9	135.00	2017

131	Emergency Management	Conner Long	978-1-63549-102-9	142.00	2017
132	Essentials of Geology	Collin Shephard	978-1-63549-134-0	150.00	2017
133	Essentials of Oceanography	Theobald Lane	978-1-63549-203-3	145.00	2017
134	Introduction to Meteorology	Brady Walton	978-1-63549-078-7	130.00	2017
135	Mineralogy	Cyaden Ross	978-1-63549-185-2	140.00	2017
136	Mining: Processes, Tools and Techniques	Diana Bates	978-1-63549-186-9	135.00	2017
137	Natural Hazards and Disasters	Robinson Bird	978-1-63549-195-1	142.00	2017
138	Plate Tectonics: A Comprehensive Introduction	Fernando Morrison	978-1-63549-226-2	140.00	2017
139	Principles of Atmospheric Science	Ela Dean	978-1-63549-035-0	140.00	2017
140	Principles of Sedimentology	Cody Long	978-1-63549-254-5	142.00	2017
141	Remote Sensing: Principles and Techniques	Jaxon Parry	978-1-63549-248-4	145.00	2017
142	Tsunamis and Hurricanes: Natural Disasters	Dalton Freeman	978-1-63549-146-3	130.00	2017
143	Volcanology: An Introduction	Easton Nicholson	978-1-63549-286-6	140.00	2017

## Education

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
144	Cognitive Development and Learning	Dawson Coffey	978-1-63549-070-1	130.00	2017
145	Digital Library	Rafael Wagner	978-1-63549-086-2	142.00	2017
146	Educational and Developmental Psychology	Wren O'connor	978-1-63549-095-4	140.00	2017
147	Educational Psychology: Theory and Practice	Cedric Hodgson	978-1-63549-094-7	135.00	2017
148	Educational Technology for Teaching and Learning	Myles Gallagher	978-1-63549-097-8	150.00	2017
149	English Language and Learning	Skyler Hopkins	978-1-63549-107-4	130.00	2017
150	Fundamentals of Educational Research	Shaun Robson	978-1-63549-096-1	145.00	2017
151	Learning with Technology	Leo Roberts	978-1-63549-004-6	140.00	2017
152	Library Science and Cataloging	Landen jimenez	978-1-63549-060-2	130.00	2017
153	Vocational Education and Training	Dwanye Winfield	978-1-63549-285-9	155.00	2017

## Energy

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
154	Biodiesel Production: Processes and Technologies	Damian Price	978-1-63549-041-1	155.00	2017
155	Bioenergy: Principles, Technology and Applications	Sterling Macmillan	978-1-63549-043-5	142.00	2017

156	Biofuels: Production, Assessment and Applications	Mason Jones	978-1-63549-044-2	130.00	2017
157	Energy Conservation	Daniel Walker	978-1-63549-103-6	155.00	2017
158	Hydropower Engineering	Edwin Parks	978-1-63549-147-0	130.00	2017
159	Introduction to Biomass	Carter Campbell	978-1-63549-046-6	130.00	2017
160	Power and Energy Engineering	Jackson Williams	978-1-63549-230-9	130.00	2017
161	Renewable Energy: Power for a Sustainable Future	Maisie Walter	978-1-63549-249-1	150.00	2017
162	Solar Power: Technologies and Applications	Augustus Banner	978-1-63549-264-4	147.00	2017
163	Sustainable Energy	Ivy Stanford	978-1-63549-140-1	147.00	2017
164	Wind Energy: Theory and Applications	Jayce McCarthy	978-1-63549-298-9	145.00	2017

## Engineering and Technology

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
165	Aerospace Engineering	Killian Sullivan	978-1-63549-015-2	130.00	2017
166	An Introduction to Civil Engineering	Archer Green	978-1-63549-006-0	155.00	2017
167	An Introduction to Mechanical Engineering	Brayden Anderson	978-1-63549-179-1	145.00	2017
168	Antennas and Propagation: Technology and Applications	Larry Graham	978-1-63549-028-2	147.00	2017
169	Control Theory Fundamentals	Camden Howard	978-1-63549-077-0	150.00	2017
170	Digital Communications: Fundamentals and Applications	Jace Murphy	978-1-63549-085-5	145.00	2017
171	Electrical Engineering: Concepts and Applications	Evan Ryan	978-1-63549-098-5	130.00	2017
172	Electronic Engineering	Korbin Bowers	978-1-63549-100-5	147.00	2017
173	Engineering Fundamentals of Internal Combustion Engine	Brody Walker	978-1-63549-155-5	142.00	2017
174	Engineering Hydrology	Wyatt Kelly	978-1-63549-105-0	140.00	2017
175	Engineering Mathematics	Donovan Crawford	978-1-63549-106-7	147.00	2017
176	Engineering Mechanics	Eduardo Riley	978-1-63549-075-6	140.00	2017
177	Engineering Tribology	Ross Beckett	978-1-63549-279-8	142.00	2017
178	Gas Turbine Engineering	Zachary Morgan	978-1-63549-131-9	145.00	2017
179	Global Navigation Satellite Systems and their Applications	Asher Clark	978-1-63549-137-1	135.00	2017
180	Industrial Engineering and Manufacturing Processes	Eden Witherspoon	978-1-63549-005-3	150.00	2017
181	Introduction to Circuits and Systems	Jasper Harrison	978-1-63549-067-1	140.00	2017
182	Introduction to Digital Signal Processing	Leon Beach	978-1-63549-087-9	135.00	2017

183	Introduction to Geographic Information Systems	Jayceon Garcia	978-1-63549-133-3	150.00	2017
184	Introduction to Heat Transfer	Nathaniel Harris	978-1-63549-142-5	130.00	2017
185	Introduction to Mechatronics	Randy Dodd	978-1-63549-180-7	140.00	2017
186	Introduction to Modern Power Electronics	Giani Smith	978-1-63549-231-6	147.00	2017
187	Introduction to Robotics	Julian Evans	978-1-63549-252-1	147.00	2017
188	Introduction to Telecommunications	Kameron Smith	978-1-63549-273-6	147.00	2017
189	Introductory Chemical Engineering	Connor Wilson	978-1-63549-063-3	147.00	2017
190	Laser: Science and Engineering	Kayden	978-1-63549-164-7	135.00	2017
191	Machine Tool Practices	Raymond Foster	978-1-63549-168-5	130.00	2017
192	Manufacturing Engineering and Technology	Levi O'Brein	978-1-63549-171-5	142.00	2017
193	Mobile Communications and Networks	Kameron Smith	978-1-63549-188-3	145.00	2017
194	Mobile Computing	Ian Phillips	978-1-63549-187-6	140.00	2017
195	Modern Optical Engineering	Gavin Moore	978-1-63549-207-1	142.00	2017
196	Nanoengineering: Science and Technology	Josiah Jackson	978-1-63549-193-7	142.00	2017
197	Nanotechnology: A Comprehensive Introduction	Cesar O'Neil	978-1-63549-194-4	142.00	2017
198	Nuclear Power: An Introduction	Trenton Hensley	978-1-63549-198-2	135.00	2017
199	Petroleum Engineering	James Cameron	978-1-63549-215-6	135.00	2017
200	Petroleum Exploration: Techniques and Technologies	Chase Jones	978-1-63549-216-3	140.00	2017
201	Photodetectors: Devices and Applications	Rowan Owens	978-1-63549-219-4	150.00	2017
202	Principles of Automotive Engines	Lincoln Burns	978-1-63549-104-3	135.00	2017
203	Radio Frequency Identification: Technology and Applications	Ryder Wright	978-1-63549-246-0	150.00	2017
204	Railway Engineering	Caleb Davis	978-1-63549-247-7	140.00	2017
205	Research Design and Methodology	Lane Cobb	978-1-63549-250-7	130.00	2017
206	Sensors and Actuators: Technology and Applications	Princeton Brown	978-1-63549-256-9	147.00	2017
207	Telecommunications Engineering	Owen Thompson	978-1-63549-189-0	150.00	2017
208	Textile Manufacturing: Processes and Techniques	Eli Lewis	978-1-63549-274-3	142.00	2017
209	Thermal Engineering	Andres Flynn	978-1-63549-275-0	150.00	2017
210	Transportation and Vehicular Engineering	Jeremiah Wallace	978-1-63549-278-1	147.00	2017
211	Web Engineering	Carson Thomas	978-1-63549-292-7	155.00	2017
212	Welding	Gilbert Mead	978-1-63549-295-8	142.00	2017
213	WIMAX: Technology and Applications	Tristan Powell	978-1-63549-297-2	147.00	2017
214	Wireless Communications and Technology	Trevor Miller	978-1-63549-299-6	155.00	2017

## Environmental Sciences

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
215	Air Pollution: Causes, Impacts and Control	Vincent King	978-1-63549-021-3	145.00	2017
216	Air Quality Monitoring and Control Strategies	Bertram O'Neal	978-1-63549-022-0	135.00	2017
217	An Introduction to Sustainable Development	Bryce Carroll	978-1-63549-270-5	150.00	2017
218	Biodegradable Waste and Management	Eliot Fox	978-1-63549-040-4	130.00	2017
219	Biodiversity: An Introduction	Jase Fitzgerald	978-1-63549-042-8	147.00	2017
220	Climatology: An Atmospheric Science	Braxton Stewart	978-1-63549-069-5	150.00	2017
221	Ecosystem Management	Jonah Martinez	978-1-63549-093-0	145.00	2017
222	Elements of Ecology	Silas Burke	978-1-63549-091-6	142.00	2017
223	Environmental Monitoring	Hayden Cole	978-1-63549-112-8	140.00	2017
224	Environmental Protection and Management	Marlon White	978-1-63549-008-4	145.00	2017
225	Environmental Toxicology	Kaiden Higgins	978-1-63549-113-5	147.00	2017
226	Environmentalism and Sustainability	Johnny McDougall	978-1-63549-114-2	142.00	2017
227	Forest Conservation and Management	Russell Santiago	978-1-63549-126-5	147.00	2017
228	Forestry: A Sustainable Perspective	Timothy Armstrong	978-1-63549-127-2	142.00	2017
229	Global Warming	Declan Hernandez	978-1-63549-138-8	140.00	2017
230	Greenhouse Gas: Science and Technology	Micah Taylor	978-1-63549-141-8	142.00	2017
231	Industrial Waste Management	Zander Ellis	978-1-63549-149-4	147.00	2017
232	Introduction to Environmental Engineering	Bryson Walsh	978-1-63549-111-1	155.00	2017
233	Land Use Planning and Management	Kyrie Hamilton	978-1-63549-162-3	150.00	2017
234	Landscape Architecture	Ryker Nelson	978-1-63549-163-0	150.00	2017
235	Marine Ecology	Rafe Shaw	978-1-63549-173-9	135.00	2017
236	Natural Resources: Conservation and Management	Brantley Kelley	978-1-63549-196-8	142.00	2017
237	Noise Pollution and Control	Noel Templeton	978-1-63549-197-5	142.00	2017
238	Persistent Organic Pollutants	Kaleb Lynch	978-1-63549-211-8	147.00	2017
239	Protected Areas Management	Weston Allen	978-1-63549-238-5	150.00	2017
240	Sustainable Forestry	Eric Richardson	978-1-63549-271-2	130.00	2017
241	The Biosphere	Emmett Gonzalenz	978-1-63549-049-7	145.00	2017
242	Understanding Climate Change	Clarence Richmond	978-1-63549-068-8	145.00	2017
243	Understanding Environmental Pollution	Diego Wells	978-1-63549-227-9	142.00	2017
244	Waste Management	Mateo Roberts	978-1-63549-287-3	147.00	2017
245	Water Conservation and Management	Cole Gray	978-1-63549-288-0	135.00	2017

246	Water Pollution and Treatment	Ezra Duncan	978-1-63549-290-3	140.00	2017
247	Water Resources Engineering	Sawyer Lopez	978-1-63549-291-0	130.00	2017
248	Wildlife Conservation and Management	Kason Hurst	978-1-63549-296-5	147.00	2017

## Food Science, Health and Nutrition

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
249	Fermentation: Science and Technology	Joaquin Weber	978-1-63549-119-7	140.00	2017
250	Food Contamination and Safety	Emiliano Johnston	978-1-63549-121-0	145.00	2017
251	Food Engineering	Keegan Mason	978-1-63549-122-7	150.00	2017
252	Food Industry: Processes and Technologies	Kaden Hunt	978-1-63549-123-4	130.00	2017
253	Food Microbiology	Garrett Cooper	978-1-63549-124-1	155.00	2017
254	Food Safety & Quality	Edmund Parker	978-1-63549-125-8	147.00	2017
255	Food Science and Nutrition	Keegan Mason	978-1-63549-201-9	155.00	2017
256	Nutrition and Metabolism	Kaden Hunt	978-1-63549-202-6	140.00	2017

## Materials Science

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
257	Ceramic Materials: Science and Engineering	Iker Morris	978-1-63549-062-6	147.00	2017
258	Materials Recycling	Abel Hall	978-1-63549-176-0	142.00	2017
259	Materials Science and Metallurgy	Maddox Moran	978-1-63549-183-8	145.00	2017
260	Materials Science and Engineering	Emilio McMahon	978-1-63549-177-7	140.00	2017
261	Nanocomposites: Fundamentals, Technology and Applications	Emmanuel Craig	978-1-63549-192-0	147.00	2017

## Mathematics and Statistics

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
262	Beginning and Intermediate Algebra	Tucker Watson	978-1-63549-023-7	140.00	2017
263	Calculus and its Applications	Karson McCormack	978-1-63549-058-9	145.00	2017
264	Discrete Mathematics	Desmond Ballard	978-1-63549-088-6	155.00	2017
265	Essentials of Geometry	Josue Richards	978-1-63549-135-7	150.00	2017

266	Essentials of Statistics	Everett Davies	978-1-63549-267-5	135.00	2017
267	Fundamentals of Mathematics	Bennett Perez	978-1-63549-178-4	145.00	2017
268	Fundamentals of Number Theory	Emanuel Patterson	978-1-63549-199-9	150.00	2017
269	Probability and Statistics	Nash Stokes	978-1-63549-233-0	147.00	2017

## Media and Communication Studies

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
270	Digital Media and Communication	Alfred White	978-1-63549-009-1	135.00	2017
271	Electronic Media and Broadcasting	Hubert Reeve	978-1-63549-101-2	142.00	2017
272	Introduction to Journalism	Kai Hughes	978-1-63549-160-9	150.00	2017
273	Mass Media and Communication	Malachi Adams	978-1-63549-232-3	155.00	2017

## Physics

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
274	An Introduction of Astrophysics	Mervin Williamson	978-1-63549-034-3	145.00	2017
275	An Introduction to Acoustics	Triston Rodriguez	978-1-63549-013-8	150.00	2017
276	Atomic Physics	Titus Mason	978-1-63549-036-7	155.00	2017
277	Biophysics: An Introduction	Zane Bradley	978-1-63549-048-0	140.00	2017
278	Fundamentals of Relativity	Dallas Rivera	978-1-63549-128-9	142.00	2017
279	Fundamentals of Physics	Leonel Ware	978-1-63549-038-1	145.00	2017
280	Glass Physics	Douglas Suarez	978-1-63549-136-4	155.00	2017
281	Introduction to Optics	Albie Reid	978-1-63549-208-8	140.00	2017
282	Introduction to Plasma Physics	Eric Buchanan	978-1-63549-225-5	142.00	2017
283	Modern Quantum Mechanics	Kendrick Porter	978-1-63549-245-3	135.00	2017
284	Particle Physics: A Comprehensive Introduction	Aidan Butler	978-1-63549-214-9	130.00	2017

## Social Sciences

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
285	Anthropology: The Basics	Corbin Spencer	978-1-63549-029-9	147.00	2017
286	Psychology: An Introduction	Maximus Ward	978-1-63549-240-8	155.00	2017

287	Social Science: An Introduction to the Study of Society	Karter White	978-1-63549-260-6	145.00	2017
288	Urban Development: An Introduction	Gage Grant	978-1-63549-280-4	135.00	2017
289	Urban Studies: Planning and Management	Caden Knight	978-1-63549-281-1	140.00	2017

## Sports and Rehabilitation Medicine

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
290	Exercise Physiology	Jorge Green	978-1-63549-117-3	135.00	2017
291	Physical Medicine and Rehabilitation	Zayne Oliver	978-1-63549-221-7	155.00	2017
292	Sports Nutrition	Maverick Henderson	978-1-63549-266-8	140.00	2017
293	Textbook of Sports Medicine	Finley Edwards	978-1-63549-010-7	147.00	2017

## Tourism and Hospitality

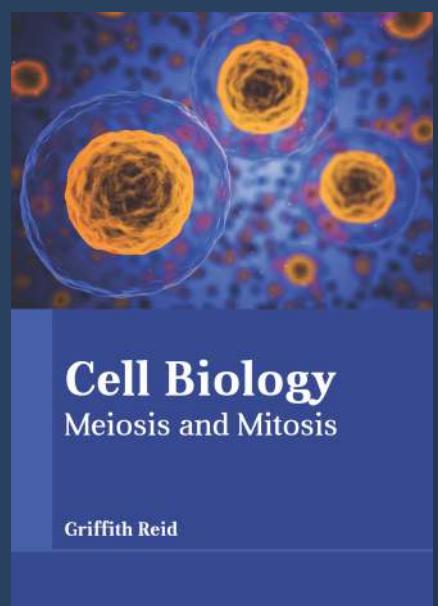
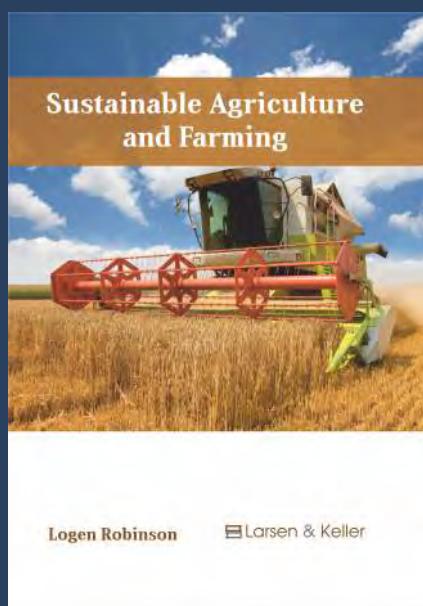
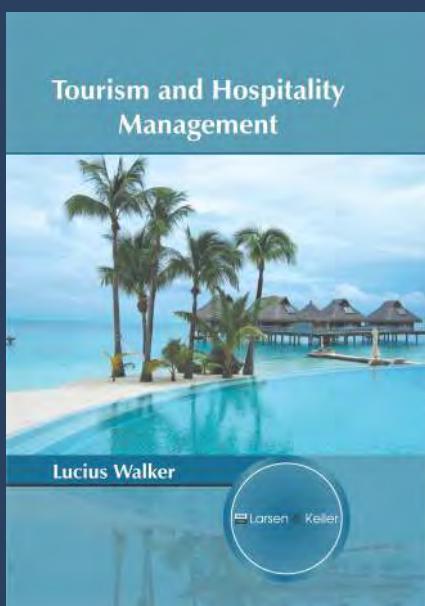
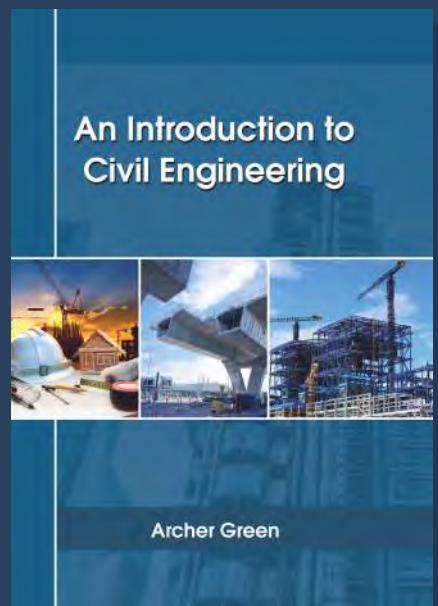
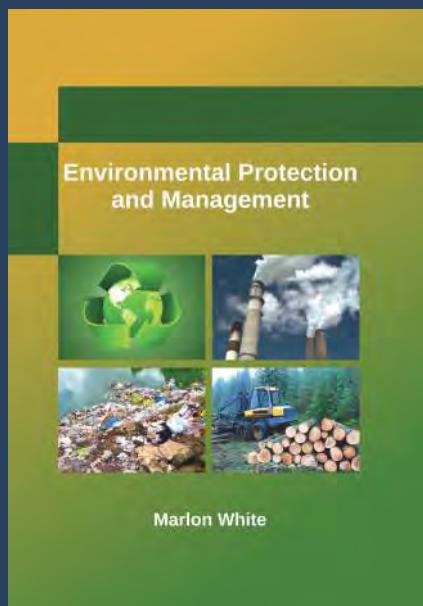
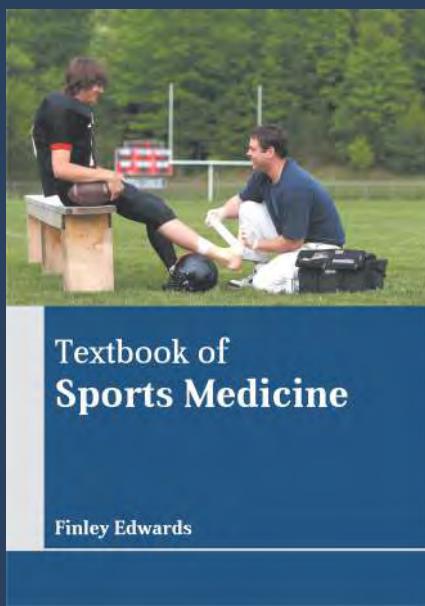
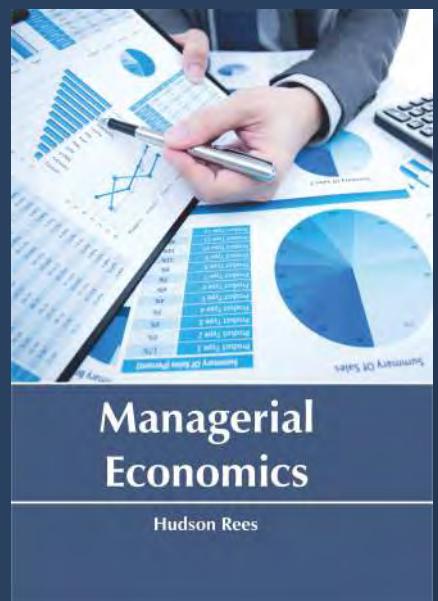
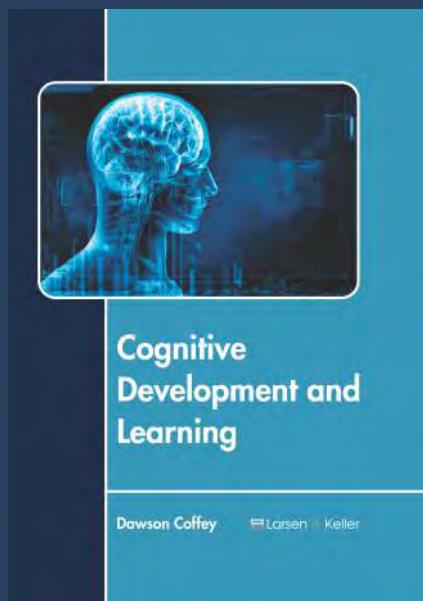
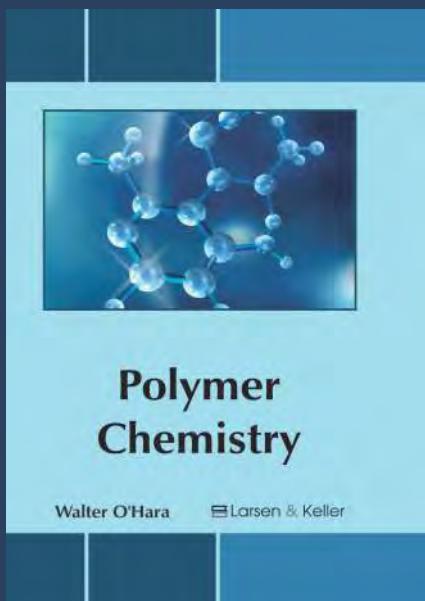
S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
294	International Tourism: A Contemporary Approach	Dante Boyd	978-1-63549-156-2	147.00	2017
295	Sustainable Tourism Development	Angelo Todd	978-1-63549-272-9	155.00	2017
296	Tourism and Hospitality Management	Lucius Walker	978-1-63549-003-9	135.00	2017

## Veterinary Science and Medicine

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
297	Animal Genetics and Breeding	Zaiden Jonston	978-1-63549-026-8	130.00	2017
298	Veterinary Science and Medicine	Kian Churchill	978-1-63549-283-5	150.00	2017

## Zoology

S.NO	Title	Author/Editor	ISBN	Price (USD)	Pub Year
299	Animal Behavior	Barrett Adkins	978-1-63549-025-1	150.00	2017
300	Animal Physiology and Morphology	Quinn Coyle	978-1-63549-027-5	155.00	2017
301	Integrated Principles of Zoology	Will Fisher	978-1-63549-039-8	147.00	2017



Larsen and Keller education has been established with the core philosophy of imparting education to empower the world. It is our aim to make quality educational material available to all and across all parts of the world. Our forte lies in our textbooks and reference books which are carefully designed and written to provide the best-in-class content for graduate, undergraduate and post graduate students. Active engagement and interactive learning are the two key parameters considered while planning and crafting our course material to help students across the globe take a leap towards academic excellence. A pool of renowned educators and practitioners are on our editorial board to create truly unique and world-class content. Our extensive list of titles has dynamically influenced the student fraternity worldwide and established us as a pioneer in the field of textbook and academic publishing.



5 Penn Plaza,  
19<sup>th</sup> Floor,  
New York, NY 10001, USA  
[www.larsen-keller.com](http://www.larsen-keller.com)

ISBN 978-1-63549-011-4



9 781635 490114