

## COURSE SYLLABUS

### COM315: Ethics in Information Technology

#### Course Description

As a computing professional, software developers need to be aware of their ethical responsibilities. The goal of the course is to lay the foundation for ethical decision-making and the methodologies commonly used in making those decisions with respect to software development. Topics include intellectual property, privacy, internet crime, social networking, and security.

#### General Course Information

Number of Units/Weeks	4/10
#Hours Lecture/#Hours Laboratory/#Hours ELPs*	40/00/80
Prerequisite(s)	None
Co-requisites (s)	None
Course Developer(s)	Leticia Rabor, M.S.
Date Approved / Last Review	August 2014 / August 2014

\*Enhanced Learning Projects

#### Learning Outcomes

- Apply ethical principles to technology issues.
- Present views on ethical issues in a clear and precise manner in discussion and written documents.
- Describe the various ethical theories which can be used to form the basis of solutions to moral dilemmas in information technology.
- Apply many of the key ethical, legal and social issues related to information technology through Case Study Analysis.
- Apply the laws and regulations related to ethics in information technology

#### Instructional Methods Employed in this Course

- Lecture and reading assignments
- Homework Writing Assignments
- Evaluating and Writing Case Analysis
- Homework Review Questions
- Class Presentations
- Class Discussions
- PowerPoint Slides

#### Information Resources for this Course

Textbook

Reynolds, George W. Ethics in Information Technology, 5<sup>th</sup> edition. Cengage Learning, 2014. ISBN-13: 978-1285197159

Other Resources

None

Table/Topics & Assignments

Types of Assignments:

Lecture -

Considered Lecture Hours

Classroom Discussion -

Considered Lecture Hours

Reading -

Considered Enhanced Learning Project (ELP), work done outside of class

Writing Assignments -

Considered Enhanced Learning Project (ELP), work done outside of class

Case Study -

Considered Enhanced Learning Project (ELP), work done outside of class

Self- Assessment Exercises -

Considered Enhanced Learning Project (ELP), work done outside of class

Midterm and Final -

Considered Lecture Hours

Week 1						
Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 1A	Introduction to Ethics in Information Technology	2	--	--	--	
IC EX 1A	What Would You Do? Scenario #6	2	--	--	--	In Class
ELP 1A	Read Chapter 1 (26 pages) Evaluated by ELP 1B	--	--	2.6	--	Week 2
ELP 1B	Chapter 1 Self Assessment Questions (18 questions)	--	--	1.25	--	Week 2

ELP 1C	Case 1: Is There a Place for Ethics in IT?	--	--	5	100	Week 3
Total Week 1		4	--	8.85	100	
<b>Week 2</b>						
Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 2A	Ethics in IT Society/Ethical Theories	2	--	--	--	
IC EX 2A	What Would You Do? Scenario #4	2	--	--	--	In Class
ELP 2A	Read Chapter 2 (27 pages) Evaluated by ELP 2B	--	--	2.7	--	Week 3
ELP 2B	Chapter 2 Self Assessment Questions (12 questions)	--	--	0.8	--	Week 3
Total Week 2		4	--	3.5	-	
<b>Week 3</b>						
Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 3A	Computer and Internet Crime	2	--	--	--	
IC EX 3A	What Would You Do? Scenario #1	2	--	--	--	In Class
ELP 3A	Read Chapter 3 (34 pages) Evaluated by ELP 3B	--	--	3.4	--	Week 4
ELP 3B	Chapter 3 Self Assessment Questions (16 questions)	--	--	1.1	--	Week 4
ELP 3C	LASA: Case Study	--	--	26.5	200	Week 10
Total Week 3		4	--	31.0	200	
<b>Week 4</b>						
Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 4A	Privacy and Surveillance	2	--	--	--	
IC EX 4A	What Would You Do? Scenario #2	2	--	--	--	In Class



Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 7A	Software Development	2	--	--	--	
IC EX 7A	What Would You Do? Scenario #5	2	--	--	--	In Class
ELP 7A	Read Chapter 7 (22 pages) Evaluated by ELP 7B	--	--	2.2	--	Week 8
ELP 7B	Chapter 7 Self Assessment Questions (16 questions)	--	--	1.1	--	Week 8
Total Week 7		4	-	3.3	--	
<b>Week 8</b>						
Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 8A	Social Networking	2	--	--	--	
IC EX 8A	What Would You Do? Scenario #6	2	--	--	--	In Class
ELP 8A	Read Chapter 8(23 pages) Evaluated by ELP 8B	--	--	2.3	--	Week 9
ELP 8B	Chapters 8 Self Assessment Questions (13 questions)	--	--	.8	--	Week 9
ELP 8C	Case 3: Is the Tide Turning on Telework?	--	--	18	100	Week 9
Total Week 8		4	-	21.1	100	
<b>Week 9</b>						
Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 9A	Security	2	--	--	--	
IC EX 9	What Would You Do? Scenario #6	2	--	--	--	In Class
ELP 9A	Read Chapter 9 (20 pages) Evaluated by ELP 9B	--	--	2.0	--	Week 10
ELP 9B	Chapter 9 Self Assessment Questions (12 questions)	--	--	0.7	--	Week 10

Total Week 9		4	--	2.7	-	
<b>Week 10</b>						
Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 10A	Ethical Issues for Computer Professionals	1				
EXAM	Final Examination (Chapters 5- 9)	2.75	--	--	200	In Class
ELP 10A	Present and Explain Case Analysis	0.25			100	In Class
Total Week 10		4	--	--	300	

### Course Hours Summary

Week	Topic	LEC Hours	LAB Hours	ELP Hours
1	Introduction to Ethics in Information Technology	4	--	8.85
2	Ethics in IT Society/Ethical Theories	4	--	3.5
3	Computer and Internet Crime	4	--	31.0
4	Privacy and Surveillance	4	--	4.25
5	Freedom of Expression, Midterm	4	--	3.2
6	Intellectual Property	4	--	12
7	Software Development	4	--	3.3
8	Social Networking	4	--	21.1
9	Security	4	--	2.7
10	Finals	4	--	--
Total		40	--	89.9

### Table/Point Breakdown

Week	Assignment	Possible Points	Percent of Grade
1	Project 1, Case Analysis 1	100	10%
3	LASA: Case Study	200	20%
<b>5</b>	<b>Midterm</b>	<b>200</b>	<b>20%</b>
6	Project 2, Case Analysis 2	100	10%
8	Project 3, Case Analysis 3	100	10%
<b>10</b>	<b>Finals</b>	<b>200</b>	<b>20%</b>
10	Presentation	100	10%
Total		1000	100%