

Richardton-Taylor High School



Curriculum Guide & Course Descriptions

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Art

Art I

½ Credit

Grades 9-12

Prerequisite: none

Description: Two and three-dimensional laboratory lessons, art background and historical understandings.

Art 110

½ Credit

Grades 11-12

Prerequisite: none

Dual Credit: Yes

Description: Reasons why artists produced specific kinds of work in their historical eras; awareness of trends in the mainstream of art, past and present; practice with a variety of art methods including drawing, painting, sculpture, and mixed media; and familiarity with great artists; understanding of a variety of art styles.

Color & Design

½ Credit

Grades 9-12

Prerequisite: none

Dual Credit: Yes

Description: Color harmony combinations, design elements from line, geometric form construction, and theories of balance, both symmetrical and asymmetrical. Styles of design patterns for various cultures—American Indian, Oriental, other ethnic groups—should be included.

Sculpture

½ Credit

Grades 9-12

Prerequisite: none

Description: Basic techniques for additive and subtractive processes; laboratory sessions using stone, wood, wire, clay, plastics, wax, paper, software, and found objects; and study of positive and negative space, mass and volume for creation of individual works. Encompasses bas relief, in-the-round mobile, and stable structures

Graphic Design

½ Credit

Grades 11-12

Prerequisite: none

Dual Credit: Yes

Description: Creation of projects to be used by the school and individuals; the study of career possibilities in colleges and art schools using conditions as nearly like a commercial studio as possible, i.e., deadlines, rough drafts, conferences with client, layouts, lettering, completed work critiques, delivery, and billing

Business & Computer

Keyboarding 7

One Semester

Grade 7

Prerequisite: none

Description:

The student will develop basic skills in operating the keyboard using the touch system.

Desktop Publishing/PowerPoint

1/2 Credit

Grade 9-12

Prerequisite: none

Description:

The process of creating a document that looks like a professionally designed and printed document. Includes sizing and inserting photos, graphics, and line drawings to the text copy. Instruction will be provided to create an original layout for a newsletter, catalog, brochure, and other materials that utilize different types of print. We also look at PowerPoint to create a professional looking presentation.

Spreadsheets

1/2 Credit

Grade 10-12

Prerequisite: none

Dual Credit: Yes

Description:

Students will use the operating system of a microcomputer to analyze business trends and solve problems using spreadsheet software. This course will develop skills in designing worksheets, writing formulas, analyzing data, charting data, and managing data.

Web Design

1/2 Credit

Grade 10-12

Dual Credit: Yes

Description:

Introduces students to a variety of ways to create and maintain web pages. The students will focus on the overall production processes with particular emphasis on design elements involving layout, navigation, and interactivity. The basics of web page design programming languages and web design software can be taught. Careers in web design are explored and students are provided with opportunities to increase their communication, teamwork, and critical thinking skills.

Electronic Presentations

1/2 Credit

Grade 10-12

Prerequisite: None

Description:

Students will learn to use a personal computer and appropriate software to create colorful and effective business presentations. We use programs like PowerPoint, MovieMaker, and Photovista.

Driver & Traffic Education

Drivers Education

One Semester

Grade 8

Prerequisite: none

Description:

The most frequently offered driver education course is a two-phase program encompassing integrated driver education experiences consisting of 30 hours of classroom instruction and a minimum of 6 hours of supervised behind-the-wheel on-street instruction in a dual-control vehicle and at least 6 hours of driving observation.

English/Language Arts

English 7

Full Year

Grade 7

Prerequisite: none

Description:

Subject matter and experiences concerned with knowledge, understanding, and skills designed to develop competencies in the use of language.

English 8

Full Year

Grade 8

Prerequisite: none

Description:

Subject matter and experiences concerned with knowledge, understanding, and skills designed to develop competencies in the use of language.

English 9

1 Credit

Grades 9

Prerequisite: none

Description:

Basic types of literature; oral and written composition, listening and speech skills, and application. May be taught as full-year course or divided as one semester each of literature and composition.

Basic Speech

½ Credit

Grades 9

Prerequisite: none

Description:

Introduction to various types of oral communication situations: conversation, group discussion, and problem solving, interpersonal communication, nonverbal communication, and public address. Exploration and application of skills such as: gathering information, speech planning, speech organization, delivery techniques, listening skills, communication theory, and understanding persuasion.

English 10

1 Credit

Grades 10

Prerequisite: none

Description:

Oral and written composition; listening, and speaking competencies; literature including essays; and a journalism unit suggested for all tenth graders. May be taught as full-year course or divided as one semester each of literature and composition.

English 11**1 Credit**

Grade 11

Prerequisite: none

Description:

Continued instruction in oral and written composition; reference/research papers and techniques; and ideal and ideas expressed in American literature. May be taught as a full-year course or divided as one semester each of literature and composition.

English 12**1 Credit**

Grade 12

Prerequisite: none

Description:

Appropriate experiences in oral and written composition; listening and speaking competence; and English literature or world literature including English literature. May be taught as full-year course or divided as one semester each of literature and composition.

Applied Communications**1 Credit**

Grades 9-12

Prerequisite: none

Description:

Introduction to the unique characteristics of journalistic expression; techniques and practice in reporting and news writing. Yearbook design, layout, and editing will also be included in this course.

Advanced English**1 Credit**

Grade 12

Prerequisite: none

Dual Credit: Yes

Description:

Critical reading and analysis of literature; advanced techniques of formal written composition; personal writing in a variety of literary forms; and self-designed oral presentations and techniques of group discussion.

Advanced Speech**½ Credit**

Grade 12

Prerequisite: none

Dual Credit: Yes

Description:

Review and refinement of basic oral communication skills in Basic Speech. Exploration of related activities such as oral interpretation, parliamentary procedure, media, theater arts, and contest speaking.

Foreign Language

Spanish I

1 Credit

Grades 9-12

Prerequisite: none

Description:

Student speech at this level should be limited to simple statements and simple questions on very familiar topics. Basic survival needs and minimum courtesy requirements should be satisfied. Students should comprehend standard language samples dealing with basic needs, instructions, and commands. Students should be able to read material dealing with survival and social needs, and should write short messages within the scope of their limited language experience.

Spanish II

1 Credit

Grades 9-12

Prerequisite: Spanish I

Description:

Students at this level should formulate more complex questions and demonstrate more basic skills. Topics including personal history and leisure time activities should be mastered orally. Comprehension of items along these same themes should be demonstrated in conversations. Students should be able to read more complex passages including announcements, advertising, and narration. Writing skills should include short paragraphs that show a good control of basic constructions and inflections.

Spanish III

1 Credit

Grades 9-12

Prerequisite: Spanish II

Description:

Student language production will show spontaneity. Conversation, description, and narration will be done quite precisely. Students should demonstrate more facility and faster understanding when listening to the language spoken at normal rates. Reading goals include locating main ideas, reading for pleasure, and understanding personal communication. Students should write simple synopses and paraphrases, summaries, and short compositions accurately and in the proper tense.

Marketing

Marketing I/ Marketing II

1 Credit

Grades 10-12

Prerequisite: none

Dual Credit: Yes

Description:

To provide students with an overview of marketing occupations. It covers human relations, personality in business, business ethics and communications, employee cooperation, career opportunities, product knowledge, consumer buying motives, and personal selling. Marketing functions include Distribution and Selling and Foundations of Economics. To prepare students for marketing and occupations. The contents cover receiving, checking and marking merchandise; budgeting; pricing for a proper margin; markups and markdowns; history of retailing and display, advertising and sales promotion. Marketing functions include Pricing and Promotion and Foundations of Communication and Interpersonal Skills.

Sports & Entertainment Marketing

1 Credit

Grades 10-12

Prerequisite: None

Description:

To prepare students for marketing occupations in the area of sports and entertainment. Take a look at the exciting and dynamic field of sports and entertainment marketing. One of the largest industries in the world, sport marketing provides a unique way of looking at the business world. This course will focus on the two main aspects of sports and entertainment marketing: 1) The marketing of sports and entertainment, and 2) The marketing of non-sports products and services through sports. You will discover why companies pay to be associated with a team or entertainer; how to develop ticket plans to fill the seats in the arena; why targeting your marketing efforts is so important; and more.

Mathematics

Math 8/7

Full Year

Grades 7-8

Prerequisite: none

Description:

Expansion of the topics studied in grades 1-6.

Algebra $\frac{1}{2}$

1 Credit

Grades 8-10

Prerequisite: none

Description:

The study of algebra, geometry, and discrete mathematics. Also included is instruction and enrichment on such topics as compressions, approximating roots, polynomials, advanced graphing, basic trigonometry, and more.

Algebra I

1 Credit

Grades 8-12

Prerequisite: Algebra $\frac{1}{2}$

Description:

Number theory, graphs, positive and negative numbers, mathematical sentences, polynomials, and linear equations with one and two variables.

Geometry

1 Credit

Grades 9-10

Prerequisite: Algebra I

Description:

The study of algebra and geometry. Also included will be the study of rectangular and polar graphs, relations, functions, and right-triangle-trigonometry.

Algebra III

1 Credit

Grades 9-12

Prerequisite: Geometry

Dual Credit: Yes for Juniors & Seniors only

Description:

This class includes such topics as: permutations and combinations, trigonometric identities, inverse trigonometric functions, conic sections, graphs of sinusoids, rectangular and polar, representation of complex numbers, De Moivre's theorem, the binomial theorem

Pre Calculus**1 Credit**

Grades 9-12

Prerequisite: Algebra II

Dual Credit: Yes

Description:

The study of relations and functions, and in particular, the study of logarithmic, exponential, circular, and polynomial functions. Also included will be the study of absolute value and inequality, set theory, and trigonometry.

Calculus**1 Credit**

Grades 9-12

Prerequisite: Pre Calculus

Description:

Topics as included in a regular college course. Rather than teaching calculus as a secondary subject, the more common practice, in school districts initiating algebra at grade eight, is to offer it as a course for credit through a college or university by a college instructor.

Music

Junior High Music

Full Year

Grades 7-8

Prerequisite: none

Description:

The sequential study of the elements of music at all grade levels to impart the skills and knowledge necessary for the understanding, appreciation, creation, performance, and enjoyment of music

Band

1 Credit

Grades 7-12

Prerequisite: 5th & 6th grade band or approved by music instructor

Description:

The study of instrumental music through group study and performance as appropriate.

Chorus

½ Credit

Grades 9-12

Prerequisite: none

Description:

The study of vocal music through group performance.

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Physical Education & Health

PE 7-8

One Semester

Grades 7-8

Prerequisite: none

Description:

An extension of the concepts introduced in level K-6 which include movement experiences and body mechanics, fitness routine activities, rhythmic activities, apparatus, stunts, tumbling, simple game activities and relays, and sports skills and activities.

Health

One Semester

Grades 7-8

Prerequisite: none

Description

Community health, consumer health, disease control, family living, mental health, personal health, safety, and accident prevention.

PE 9

½ Credit

Grade 9

Prerequisite: none

Description

Community health, consumer health, disease control, family living, mental health, personal health, safety, and accident prevention.

PE 10

½ Credit

Grade 10

Prerequisite: none

Description

Community health, consumer health, disease control, family living, mental health, personal health, safety, and accident prevention.

Personal Fitness

½ Credit

Grades 9-12

Prerequisite: none

Description

A combination of physical education activities to be selected by the school from dance and/or individual and dual sports.

Individual & Dual Sport**½ Credit**

Grades 9-12

Prerequisite: none

Description

Lifetime games and sports such as tennis, badminton, handball, golf, and archery should be included on a regular schedule. Other activities may include boating and canoeing, bowling, hiking and camping, horseshoes, fencing, fly and bait casting, paddle tennis, riding, skating, snowshoeing, and table tennis.

Weight Training**1 Credit**

Grades 9-12

Prerequisite: none

Description

Weight training and fitness activities based on an individuals needs.

Science

Life Science

Full Year

Grade 7

Prerequisite: none

Description:

The study of plants and animals. Agriculture, health, and conservation of the environment should be included.

Earth Science

Full Year

Grade 8

Prerequisite: none

Description

Astronomy, meteorology, ecology, geology and paleontology, and experimental activities.

Physical Science

1 Credit

Grade 9

Prerequisite: none

Description

Is a combination of the elementary fundamentals of chemistry and physics. It includes units on laboratory procedures, measurement, chemistry, heat, sound, light, and electricity.

Biology

1 Credit

Grade 10

Prerequisite: none

Description

Biology is the science dealing with the study of life. It describes the characteristics, classifications, and behaviors of organisms, and the interactions that they have with each other. Biology has many specialized areas, including: Cells, Genetics, Invertebrates, Vertebrates, and Human Reproduction. This course includes extensive laboratory experiments.

Chemistry

1 Credit

Grades 11-12

Prerequisite: completion of Biology (C or higher)

Description

Chemistry is the study of the properties of matter, and the transformation and interactions of matter and energy. Central to Chemistry is the interaction of one substance with another, such as in a chemical reaction. Chemistry primarily studies atoms and molecules, crystals, and metals that make up ordinary matter. Laboratory experiences are strongly encouraged throughout this course.

Physics**1 Credit**

Grade 12

Prerequisite: completion of Chemistry & Algebra III or enrolled in Algebra III

Description

Physics is the study of the natural world. It deals with the fundamental particles of which the universe is made, and the interactions between those particles, the objects composed of them, and energy. Physics explains how and why all laws and forces of nature exist. It is a course that is dependent on mathematics as models, and theories are expressed using mathematical equations. Laboratory experimentation is a fundamental extension of this course

Applied Science**1 Credit**

Grade 11

Prerequisite: completion of Biology

Description

This class consists of presenting the scientific fundamentals of biology and chemistry that provide a foundation for careers in: health careers, technology, agriculture/agribusiness, and home economics. This application-oriented, hands-on approach will assist the student to make the connection between abstract ideas and concrete experiences. With this fundamental basis in biology and chemistry the student will be better prepared to enter either chemistry courses, biology courses or vocational career options.

Astronomy/Geology**½ Credit**

Grades 11-12

Prerequisite: completion of Biology

Description

To provide students with a detailed study of one area of earth science. A study of the solar system, stars, and universe. Practical and relevant applications. To provide a detailed study of the history of the earth and its life as recorded in rock formations.

Anatomy**½ Credit**

Grade 12

Prerequisite: completion of Biology (C or higher)

Description

An introduction to provide an advanced study of the structure of the human body.

Environmental Science**½ Credit**

Grade 12

Prerequisite: completion of Biology

Description

To provide an opportunity for students to increase awareness of the close ties between living organisms. Ecology concerns itself with the interrelationships of living organisms, and the environment. Schnell Ranch & other local areas will be the primary study sites for field work done in Environmental Science.

Social Studies

Geography

Full Year

Grade 7

Prerequisite: none

Description:

To identify and explain the importance of the five themes of geography: location, place, human environmental interactions, movement, and regions to social study issues.

North Dakota Studies

One Semester

Grade 8

Prerequisite: none

Description:

Concepts and generalizations relative to anthropology, economics, geography, history, political science, psychology, and sociology of North Dakota.

US History

Full Year

Grade 8

Prerequisite: none

Description:

To understand and to articulate the contributions and/or importance of individuals who have made a significant difference in history. Also, to know and understand the significance of the Declaration of Independence, the Constitution, and the Bill of Rights.

World History

1 Credit

Grade 10

Prerequisite: none

Description:

Carefully selected events, individuals, groups, institutions, artifacts, ideas, migrations and other phenomena associated with world civilizations.

US History

1 Credit

Grade 11

Prerequisite: none

Dual Credit: Yes

Description:

Selected events, groups, institutions, movements, artifacts, ideas or other phenomena associated with the history of the United States.

American Government**1 Credit**

Grade 12

Prerequisite: none

Dual Credit: Yes

Description:

Combines economics, history, geography, political science, and sociology as designed by the local school. May utilize standard textbook if desired.

Psychology**½ Credit**

Grade 12

Prerequisite: none

Dual Credit: Yes

Description:

Human intelligence, feelings, attitudes, and behavior in relation to their physical and social environment.

Technology

Applying Technology

One Semester

Grade 8

Prerequisite: none

Description:

Applying Technology is a activity based SEMESTER COURSE for the eighth grade or entry level student. Students enrolled in Applying Technology will explore several areas of learning. Students will be studying in an individual or a team environment. Modules have been established throughout the technology education facility. Most of the activities are self- directed. These modules include CAD, Desk Top Publishing, Robotics, Electricity, Electronics, Manufacturing, Laser technology, mechanical, pneumatics, and many more. The exploring technology student will learn hand and power tool skills, computer applications and problem solving skills. Students will work with a variety of materials. Students will rotate throughout the facility on a seven day rotation. On the eighth day, a evaluation will take place and the students notebook will be collected and evaluated by the instructor.

Communication Technology

1/2 Credit

Grade 9

Prerequisite: none

Description:

This is an activity-based course that provides the application of tools, materials and energy in developing, processing, using and assessing communication systems. Students will produce graphic and electronic media as they explore techniques used to apply technology communicating information and ideas.

Foundations of Technology

1/2 Credit

Grades 10-12

Prerequisite: none

Description:

Foundations of Technology is a activity based SEMESTER COURSE designed to prepare students for technical careers. Today's technicians must understand the principles and systems on which modern equipment operates. Understanding these topics enables technicians to adapt to new tasks as the need arises. This applied science and math course uses videotape and hands on activities as the major components of instruction. Foundations of Technology is a course in applied science for those who plan to pursue careers as technicians or who just want to keep pace with the advances in technology. It blends an understanding of basic principles with practice in practical applications. It will give you a firm foundation for understanding today is and tomorrows technology. The students will focus on one of the important concepts that under grid modern technology. Concepts will include engineering design principles, material science, research and development processes and opportunities and challenges of other emerging branches of industrial technology.. In each unit that concept will be applied to mechanical devices, electrical devices, fluid devices, and thermal devices.

Design/Drafting

½ Credit

Grades 10-12

Prerequisite: none

Description:

Drafting / Design Technology is a SEMESTER COURSE to give the student an ability to communicate the language of industry, science and technology. To provide an educational environment conducive to analytical and aesthetic thinking in the process of problem solving. To learn to recognize and practice good drawing techniques. To become acquainted with the basic principles of design and how to apply them. To foster the habit of using sketches and drawings to communicate ideas. To provide experiences that will enable students to interpret and use modern industrial drafting techniques. To reveal the close relationship between scientific and technical education.

Students will explore drawing and drafting from the basics. Units will include: lettering, sketching, tools and techniques, line techniques, and a variety of objects will be projected on paper. Students will operate CAD using the Macintosh computer, Mac Draft, PCDraft, PTC Pro/Desktop, and the industry standard of Auto Cad LT 2000 will also be introduced. Students will develop a portfolio of their drawings and plates. This course will be very beneficial to the student who wishes to enroll in woodworking, and metal working classes.

Construction Technology

½ Credit

Grades 11-12

Prerequisite: none

Description:

To study the technology involved in the construction of residential and industrial structures. Study will include designing, planning, and constructing structures using various materials and methods.

Energy Technology

½ Credit

Grades 10-12

Prerequisite: none

Description:

Energy Transportation Technology is a SEMESTER COURSE designed to concentrate on the basic concepts in electricity and electronics. The course will include theory, math and product development. This is not a repair orientated class. Students will explore the areas and industry of electronics. Units will include basic circuits, basic theory, current, voltage, resistance, power, DC electricity, AC electricity will also be included. The class will incorporate the electronic trainers and work books developed by DeVRY Industries, and Electronic Kits Incorporated. The student will have an opportunity to develop a project(s) during the final stages of this class.

Engineering Technology

½ Credit

Grades 10-12

Prerequisite: none

Description:

This is an activity-based course that provides an orientation and exposure to the careers and challenges of engineering. Major engineering concepts include modeling, systems, design, optimization, technology society interaction, and ethics. Content is provided in applied engineering graphics, communicating technical information, engineering design principles, material science, research and development processes, manufacturing techniques and systems, and opportunities and challenges of other emerging branches of engineering. Students are actively involved with the practices of various engineering fields, high-technology systems, devices and materials, engineering graphics, and mathematics/science principles.

Manufacturing Systems

½ Credit

Grades 9-12

Prerequisite: none

Description:

Manufacturing Entrepreneurship Technology is an activity based SEMESTER COURSE that will study the basic processes of such areas and skills concerning the manufacturing processes, organizations, and occupations. The study of manufacturing will help the student understand the work in manufacturing industries. Students will explore units in manufacturing such as history, organization, safety, processing, material production, economics, quality control, and public relations. Students will have an opportunity to design, schedule, invest, manage, and make a mass produced product. Students will role play a manufacturing organization performing in high, and middle management along with production skilled and unskilled labor. Marketing their product, the student will have an opportunity to acquire a profit.

Production Technology Non-metals

½ Credit

Grades 9-12

Prerequisite: none

Description:

Non Metallic Technology is an activity based SEMESTER COURSE to give the student an exploration of all materials with the exception of metal. Wood and plastics will be the main subject areas although others will be addressed. The class will explore areas of industry such as the manufacture of these materials, and the use of these in a variety of ways. In the wood portion of the class, the student will receive an insight of wood and wood products on a basic level. Units will include tool handling, machining, design, assembly, and finishing, among others. Consumer and occupational information will also be covered. Students will explore the history and the development of the non-metallic trades, along with industrial applications in the respective areas. These may involve vinyl dispersions, polyesters, laminates, protective coatings and many more. Students will have a opportunity to plan and develop projects along with a variety of class assignments. Of these projects they may employ many different materials. If a student plans to enroll in this class, and has a major project in mind, It would be wise to talk to the instructor so the materials you will need can be ordered before the school year begins. No materials will be furnished for students wood working projects.

Production Technology Metals

½ Credit

Grades 9-12

Prerequisite: none

Description:

Metal Working Technology is an activity based SEMESTER COURSE to give the student an exploration of the metal technologies. Areas of exploration will include the origin of metal, tooling of metal, fusing and separating metal, economics and occupations in the metal industries. This course will be divided into two major areas of study. Metal machining, bench work and welding. Students will explore units in metal as history, the making of steel, along with taking raw material and working it into a product. A portion of this course will be machining, casting and metal forming. The student will also have an opportunity to explore the industry of welding. This will include electric arc AC, DC, oxyacetylene welding, brazing, cutting, plasma arc cutting, continuous wire feed welding, and heat treating. The student will have the opportunity to produce a project. No materials will be furnished for students welding projects.

IMPACTS OF TECHNOLOGY

½ Credit

(10095)

Impacts of Technology will meet EVERYDAY during the lunch/study hall/band period ALL YEAR for 1/2 credit.

Students develop knowledge to systematically assess technology. Students practice approaches to assess technology by studying the impacts on technology from a historical aspect. Students will gain knowledge on the past, present, and hopefully the future personalities of technology, and industry. Develop analytical thinking, decision-making and techniques for redesigning. Concepts will include historical discussions on engineering design, material science, research and development processes and opportunities and challenges of other emerging branches of industrial technology.

Agriculture Sales & Service

½ Credit

Grades 9-12

Prerequisite: none

Description:

To provide students with skills necessary for entry into employment or furthering education in agriculture sales and service. The course deals with business organizations, business structures, job responsibilities, job applications, and interviewing, human relations, marketing, selling, displaying, using business machines, business accounting, and management skills. Learning activities are varied with classroom, laboratory, and field experiences. Leadership development and supervised agricultural experience programs are an integral part of this course.

IT Essentials

½ Credit

Grades 9-12

Prerequisite: none

Description:

An exploratory level course that provides an exposure to careers and issues in information technology. Students will develop SCAN skills including teamwork, communication, entrepreneurship, and personal management. Students will also gain hands-on experience in three major IT areas including: Hardware and Software: Safety and tools, numbering systems and basic electricity, operating systems, troubleshooting, etc. Networking: LAN fundamentals, peer-to-peer networking, IP Addressing, troubleshooting, etc. Programming/Interactive-media: Visual Basic and HTML basics.

Health Careers

½ Credit

Grades 10-12

Prerequisite: none

Description:

The Health Careers course is designed to assist students interested in the medical field in determining an occupation that will best suit their capabilities and interests. The program uses a competency based curriculum that is fundamental to a variety of careers in the health care industry. "CORE" knowledge and skills are introduced the first semester to the students as a foundation in such areas as; Medical Terminology, Anatomy and Related Disorders, Professional Standards, Safety, Monitoring Body Functions, Disease Prevention, CPR and First Aid Certification and Introduction to Health Careers. The second semester provides the students the opportunity to expand their skills and knowledge in specific areas of career interest. Career choices such as Physical Therapy, Occupational Therapy, Pharmacy, Optometry, Radiology, Respiratory Therapy, Medical Records and Secretarial, Dental Careers, Medical Lab, Medical Assisting, Child Care, Nursing, Nursing Assisting and others will be offered. Students may be placed in the community health care setting for on-the-job career experience any time after completion of the CORE segment. Emphasis on academics, professional development, leadership, and organizational skills are integrated throughout the curriculum.

Medical Terminology**½ Credit**

Grades 10-12

Prerequisite: none

Description:

This class is designed to introduce students to the health information technology field. Students will learn prefixes, suffixes and root words for medical terms. This will include meanings, spellings and pronunciations. Emphasis is on building a working medical vocabulary based on body systems. Anatomy and physiology of major organs, pathological conditions, laboratory studies, clinical procedures and abbreviations are studies for each body system. The student will also learn medical terminology as it relates to pathology, diagnostic, surgical, clinical and laboratory procedures, and common abbreviations and acronyms by body systems.

Business Entrepreneurship**½ Credit**

Grades 9-12

Prerequisite: none

Description:

To provide students with an introduction to entrepreneurship business opportunities and requirements as well as related career information and self-assessment opportunities. Covers entrepreneurship importance and concepts, characteristics of different types of business organizations and opportunities, entrepreneurial career examples, individual career assessment and planning, and entrepreneurial projects and simulations.