

PROGRAMS IN CAREER AND TECHNICAL EDUCATION

BUSINESS EDUCATION COURSE DESCRIPTIONS

All business education courses are for full year unless otherwise noted. Full-year courses carry 5.0 graduation credits. Half-year courses carry 2.5 graduation credits.

ACCOUNTING 1 (0501) 2.5

This one-semester course will introduce students to the basic principles, concepts, and procedures for accounting. Students will go through the entire accounting cycle from analyzing and recording transactions to preparing financial statements. In addition accounting career opportunities will be explored. This class will be offered to students in grades ten, eleven and twelve.

ACCOUNTING 2 (0502) 2.5

This one-semester course will reinforce the basic principles, concepts, and procedures for accounting. Students will learn to interpret and analyze financial reports. They will be introduced to payroll accounting, and special procedures for accounting in the business world. This class will be offered to students in grades ten, eleven and twelve.

Prerequisite: Accounting 1

PERSONAL FINANCE (0515) 2.5

This one-semester course is aimed at developing an understanding of how to handle personal finances in today's economy. Topics covered will include financial planning and budgeting, principles of buying, suggestions for sound financial investing, suggestions for credit use, purchasing a car, and buying or renting a home. Students will also be made aware of the deceptions and frauds in the market place and how to avoid them. This course is offered to students in grades nine, ten, eleven and twelve.

BUSINESS MANAGEMENT (0509) 2.5

The Business Management course is a study of our American business system. This one semester course is offered to students in grades nine, ten, eleven and twelve. Such topics as our American business environment, the management of financial, human, and physical resources, management control and use of information, management skills, stock market, and international involvements are studied.

BUSINESS LAW (0529) 2.5

This course will enable the student to know more about his/her legal rights and duties. The student will be provided with some understanding of the complexity of the law and the legal implications of situations as they arise in day-to-day life. Course content includes the study of contracts, crimes, torts, criminal procedures, jury-trial procedures, civil procedures, and laws concerning minors and consumers. This is a one-semester course open to grades nine, ten, eleven and twelve.

TECHNOLOGY FOR THE 21ST CENTURY (0603)**2.5**

This one semester course will utilize the Microsoft Office Suite as well as iLife to perform business functions, solve problems, and prepare students for college requirements. It is designed to expose the students to the most popular software suite in ebusiness and college today. Upon completion of the course the student will be proficient in Word/Pages (word processing), Excel/Numbers (spreadsheets), PowerPoint/Keynote (presentations), Garage Band (podcasts), iWeb (Web page design) and A+. With these skills students will be well equipped to meet the technological challenges of the 21st Century. Due to the dynamic nature of the subject matter, course objectives are often updated while the class is in session in order to stay current.

MARKETING EDUCATION (5516, 5517, 5518) *(Not offered in 2014-2015)***5.0**

Marketing Education is a senior year cooperative work experience course designed to bridge the gap between school and full-time employment. It offers training to the student who is interested in the areas of office, retail, wholesale, and service occupations. Classroom work includes training in business organization, personal relations, merchandise mathematics, advertising, display, and public relations. In the afternoon, this knowledge is put to practical use at an approved work place. Students attend their regular classes and then are released from school in the afternoon to work, if they elect the 10 or 15-credit program. Students may be assisted in seeking employment and will be supervised in an after-school work program. The employer and the teacher supervise students cooperatively. Students are evaluated on the job as well as in the classroom.

ENTREPRENEURSHIP (0536)**2.5**

This course is designed for students with a desire to establish and maintain a successful business in the future. Students will learn to research, plan, and finance a small business. Hands on experience of product development, sales, inventory and finance will be done through the student run small store. Successful entrepreneurs will be studied and their businesses evaluated. Legal aspects of operating a business and their relationship to local ordinances, laws, and taxes will be covered as well as designing an in-depth business plan including all research and planning. This is a one-semester course open to grades ten, eleven and twelve.

SPRINGFIELD LEADERSHIP PROGRAM (H0093)**2.5**

In the Springfield Leadership Program, student-leaders in grades eleven and twelve will craft and implement lessons for freshmen and students new to Jonathan Dayton High School. Students in the class will lead activities for freshmen that are designed to promote positive relationships and a successful academic, athletic and interpersonal experience in school. Specifically, students will create and implement a series of lessons that will enable freshmen to practice academic, social, and emotional skills such as goal-setting, decision-making, conflict resolution, bullying prevention, time management, and communications in a small group setting. Students will enhance their leadership skills, public speaking skills, and problem-solving skills in order to support their freshman peers in their transition to high school. Student Leaders will become positive role models, discussion leaders and mentors for ninth graders.

Prerequisite: Successful completion of grades nine and ten; experiences in positions of leadership in co-curricular activities.

VISUAL AND PERFORMING ARTS COURSE DESCRIPTIONS

Music courses meet for a full year unless otherwise noted. The following Visual Art Classes meet for a full year: AP Art History, AP Studio Art, Portfolio Honors and one section of Open Studio. All other classes are semester courses.

MUSIC

Concert Band and Chorale are performance-based courses that provide students with many opportunities to exhibit their musical skills. Students electing Concert Band and Chorale who wish to perform in both ensembles should sign up for Concert Band/Chorale (0716). These courses will be scheduled for the same period, so that students can participate in both.

CHORALE (0708) 5.0

The objectives of this course are to develop the vocal skills, knowledge, understanding, and appreciation, and to develop the highest possible standards of performance. Membership is open to any student who is interested in singing. All concerts and rehearsals are required; failure to attend may adversely affect a student's proficiency and grade in this course. Some rehearsals and performances may be on weekends or in the evening. This class will also aid in preparation for other vocal music opportunities such as the Spring Musical and the audition based Extra-Curricular Choir, as well as regional and All-State ensembles. This course may be taken concurrently with Concert Band.

CONCERT BAND (0704) 5.0

The Concert Band course meets daily within the school schedule. It is open to all students who play band instruments. This course is designed to help students become familiar with historical and technical aspects of the musical arts through instrumental musicianship and ensemble playing. Students participate in two major performances a year, a winter and spring concert, as well as other concerts, competitions and festivals. All performances and rehearsals are required. Some rehearsals may be held in the evening or after school. Failure to attend performances or rehearsals may adversely affect a student's proficiency and grade in this course. Students are also required to attend weekly small ensemble lessons to further their musical development.

Marching Band is a required component of Concert Band. The Marching Band performs at football games, and may perform at parades or competitions. This class may be taken concurrently with Chorale as a full-year course.

STRINGS ENSEMBLE (0712) 5.0

Open to any student who plays violin, cello, viola or string bass, String Ensemble offers musicians challenging opportunities to develop many aspects of performance. This course offers students experience in studying and performing a wide variety of music such as chamber music, classical and contemporary literature as well as other repertoire appropriate to the students' degree of advancement. Elements such as intonation, articulation, rhythmic precision, dynamic variety, bowing techniques, balance and blend are studied.

Students will have various performance and outreach opportunities such as; Winter & Spring Strings Orchestra Concerts, art shows, senior citizen breakfast, hospitals, National Honor Society, Six Flags Great Adventure Competition, etc. This class will also aid in preparation for other

music opportunities such as extra-curricular orchestras, and the audition based Regional and All-State Orchestra.

MUSICAL THEATER (0715)

2.5

This course is based on the Metropolitan Opera Project, in which students produce their own musical theater production. Students in this class are responsible for all aspects of the production including script writing, musical composition, set building, public relations, costuming, makeup, and lighting/sound. This course may be taken for one semester and may be repeated. The course is open to students in grades ten, eleven and twelve.

ADVANCED PLACEMENT MUSIC THEORY (0711)

5.0

Advanced Placement Music Theory is a full-year college level course that emphasizes many aspects of music. Some of those aspects include harmony, melody, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. In this course, students will be expected to read, notate, compose, perform, and listen to music. The development of aural skills will be the primary objective of this class along with performance to demonstrate these skills by using keyboard, singing, and the student's primary instrument.

Course Requirements:

1. Students must obtain a written recommendation from the music teacher in order to take this course OR successfully complete the BRAVI program at the middle school level.
2. Students must have three (3) consecutive years in a school performance ensemble such as Concert Band or Concert Choir, or the equivalent in private studio instruction.

Students in AP Music Theory must take the AP exam in Music Theory. The Advanced Placement Examination is paid for by the Springfield Board of Education, and all students are required to take the examination in this course. In order to earn advanced placement weighting for this class, students must take the Advanced Placement Music Theory examination offered by the College Board in May.

ROCK SHOP: MUSIC INDUSTRY DISCOVERY (H0710)

2.5

This course is designed for musicians interested in learning about the popular music industry from the perspective of a performer, producer and engineer, as well as an advertising and marketing. Students will learn recording and production techniques by using ProTools and GarageBand software and improve songwriting skills by studying the great songwriters of the 20th Century. Students will learn techniques to put on the best live performance possible, both from a performer and production standpoint. Students will also explore different ways to market and promote a popular musician.

Prerequisite: Students in this class must demonstrate successful completion of the middle school music performance program or, successful audition that satisfies musical competency, basic music theory, performance, and note reading capabilities.

VISUAL ART

FOUNDATIONS IN STUDIO ART (0720)

2.5

Foundations in Studio Art is a course for students who would like to know how to use art materials in interesting and unique ways. This course will provide step-by-step instruction in drawing and painting skills. Students will also have a chance to explore cartooning as a form of visual expression. A variety of media will be available, including clay as it applies to drawing and painting techniques. Sketchbooks will be used to reinforce class instruction. Note that in most cases, Foundations in Studio Art is a basic foundation course necessary for further advanced work in the Visual Art department. Students who participated in the TAP program at the middle school level should contact the art teacher in their freshman year.

FOUNDATIONS IN CRAFTS (0721)

2.5

This is a multi-craft course involving ceramics, bookmaking and printmaking. Ceramic processes of handbuilding, wheelthrowing techniques and glazing will be emphasized. Students will be introduced to the handling of tools and the uses of various materials. Emphasis is placed on design and craftsmanship.

CERAMICS AND THREE DIMENSIONAL FORMS (0722)

2.5

This course focuses on advanced ceramic processes of handbuilding, wheelthrowing techniques and glazing. Sculpture and other three-dimensional forms will be explored.

DRAWING AND PAINTING (0723)

2.5

This course focuses on figure drawing, painting, working from still life, and an exploration of various media such as acrylics, oil, watercolor, tempera, charcoal and pencil.

OPEN STUDIO-EXPANDED MEDIA (0727, 0729)

2.5, 5.0

Colleges are increasingly asking for student portfolios for all academic department areas. This class will help students explore an interest area in depth and learn how to prepare a simple visual portfolio. Alternating areas of digital imaging, drawing/painting, and three-dimensional forms will be explored in both group and individual projects utilizing a wide range of media. A museum/gallery experience is included as an integral part of the course. The ability to work independently is very important. This course may be taken for one semester or for a full year.

Prerequisite: One art class or recommendation of teacher.

PORTFOLIO STUDIO ART (0726)

5.0

This portfolio development course will focus primarily on improving the quality in student work and meeting the student's need for diverse experiences in the formal, technical, and expressive areas of art making. Students will make a digital portfolio of completed artwork which can be used in college application supplements. Students interested in completing an AP Portfolio will take the Portfolio Studio Art course to begin work in the breadth section of their portfolio. At least ten of the twelve breadth requirements must be completed to receive Honors weighting.

Prerequisite: One art course and teacher approval.

Students may earn three college credits by enrolling in the Fairleigh Dickinson University Middle College Program.

ADVANCED PLACEMENT STUDIO ART (0732, 0733)

5.0

The AP portfolio usually requires two years of preparation and should be started in the junior year in Open Studio or Portfolio Honors classes. This is a vigorous program, which will require additional work outside the classroom. Ability to work independently is very important. A museum/gallery experience is included as an integral part of the course.

For those students interested in AP Studio Art the focus will be on completing specific portfolio preparation requirements for submission and evaluation by the College Board as indicated by AP guidelines. Students may submit portfolios in the following categories:

- * Drawing
- * Two-Dimensional Design
- * Three-Dimensional

A typical student portfolio includes 25-29 original works in the following categories:

Section A: Quality

Five works of submission

Section B: Concentration

Twelve related art forms

A written commentary

Section C: Breadth

Eight to twelve works showing range of media and subject

Students may earn three college credits by enrolling in the Fairleigh Dickinson University Middle College Program. Students may also earn three credits as Drawing I from Seton Hall University.

The Advanced Placement Examination is paid for by the Springfield Board of Education, and all students are required to take the examination in this course. In order to earn advanced placement weighting for this class, students must take the Advanced Placement Studio Art examination offered by the College Board in May.

ADVANCED PLACEMENT ART HISTORY (0123)

5.0

The Advanced Placement Seminar is a full-year college-level course in Art History. A primary focus is on the study of Western artmaking from prehistoric through contemporary times. This AP seminar is unique in that it also covers the study and comparison of non-western artmaking. Students will develop the ability to identify and compare art made in different cultures at different historical times.

In a millennium based on visual literacy, this understanding is not only relevant but mandatory. Students will use a series of textbooks, PowerPoint software and Internet sites as seminar resources. This course will help students improve their skills in art history and visual identification through demanding reading and writing assignments. Museum/gallery experiences are included as an integral part of the course. Many colleges are granting 3-6 course credits for a grade of 3 or higher in AP Art History. This course is open to all eligible students in grades ten, eleven and twelve.

Course Requirements:

1. It is important that students wishing to take AP Art History have demonstrated strong writing skills in all previous English coursework.
2. All students who register for AP Art History must meet with the AP Visual Art teacher for a verbal review of the requirements of the course.
3. All candidates will be required to complete summer assignments, which will be evaluated at the beginning of the AP course.

This is a dual credit course in conjunction with the Middle College Program at Fairleigh Dickinson. **Students may earn three college credits by enrolling in the Fairleigh Dickinson University Middle College Program.**

The Advanced Placement Examination is paid for by the Springfield Board of Education, and all students are required to take the examination in this course. In order to earn advanced placement weighting for this class, students must take the Advanced Placement Art History examination offered by the College Board in May.

PHOTOGRAPHY 1 (0790)**2.5**

This course is designed to introduce the student to the field of 35 mm film photography. Included are the principles of simple photographic theory, use and selection of cameras, use of special lenses and filters and use of various types of film. Basic darkroom techniques of developing and enlarging will be presented. A student portfolio and critiques of composition and technique are an integral part of the course. Safe working procedures will be stressed. This is a one-semester course.

DIGITAL PHOTOGRAPHY (0639)**2.5**

This semester course is designed to give students a working knowledge of the digital imaging process, to learn how to use a digital camera, to learn other methods of digital image capture, and to master advanced Photoshop skills. Students will study various methods of manipulation of digital images, employing the computer and associated commercial software (Adobe Photoshop) and peripheral equipment (cameras and scanners) to alter photographic images. Students will apply design principles to each application. Students will learn how to use composition to improve the layout of their photos.

INTRODUCTION TO TV (0098)**2.5**

Students will learn how television is a medium of communication. They will gain the knowledge of present day broadcasting/cable casting techniques. Since this is a hands-on class, students will learn and refine both their technical and creative processes in television production. They will learn how important it is to be part of a cooperative team and achieve a successful recorded production. This will include participating in the 'loop' and engaging as a director, technical director, character generator operator, video tape operator, teleprompter operator, audio manager, assistant audio manager, floor manager, camera operator and talent. At the end of the semester, students learn how to make storyboards and write scripts for their final project. This is a one-semester course.

ADVANCED TV (0099)**2.5**

Students will reinforce and enhance the concepts learned in Introduction to TV. They will

apply their expertise to videotaping live shows to be cablecast on the public access channel and a daily broadcast of the morning news throughout the school. In addition, students will learn how to use portable equipment for E.N.G (Electronic News Gathering) and E.F.P. (Electronic Field Production) projects shot in and around the school. The students will also learn the concepts of digital editing and incorporate the process into their assignments in order to submit polished video productions. Students also will work in cooperative learning groups for their final project.

Prerequisite: Introduction to TV

TV PRODUCTION PRACTICUM (7099)

2.5

Students will learn how television is a medium of communication. The success of all students in this course depends on the ability to work as a team in a cooperative learning environment, gaining the knowledge of the delivery of the school's morning newscast in a timely, accurate, informative, entertaining and respectful nature. Since this is a hands-on course, students will learn and refine both their technical and creative processes in television production, in addition to demonstrating proper execution of announcing and performing. Students will be expected to introduce new segments to air on the newscasts and promote school events through written expression and video projects. Near the end of the course, students will demonstrate the knowledge of the special techniques and use of digital editing and the equipment necessary for productions of the following formats: Studio, ENG (Electronic News Gathering) and EFP (Electronic Field Production). At the end of the course, students will be expected to submit a final project in lieu of a written final exam. This is a one-semester course that may be repeated one time with teacher's recommendation.

Prerequisite: Introduction to TV.

RADIO PROGRAMMING AND PRODUCTION (0737)

2.5

Students who elect this course will learn about the impact of radio on society. This course will incorporate the radio industry (terrestrial and non-terrestrial/satellite), voice and speech techniques for announcing, writing skills for news and commercial copy, digital audio editing, radio programming and media sales. This is a hands-on cooperative learning course. Students will learn how to work together and perform such activities as a disc jockey (D.J.), talk show host and news reporter. Students will also have a choice of performances for a final project.

INTRODUCTION TO GRAPHIC DESIGN (0638)

2.5

In this course students will acquire practical introductory knowledge of commercial art and advertising design. They will be able to solve formal problems dealing with fundamental principles and will develop the basic skills necessary to work with specific types of media, especially computer-generated graphic design. The primary objective of this course is to teach students to prepare advertisements and commercial designs from concept to visual communication. Software used in class includes Adobe Photoshop, Illustrator and InDesign.

CAREER AND TECHNICAL EDUCATION

TECHNICAL THEATER

INTRODUCTION TO TECHNICAL THEATER (0080) 2.5

In this course, students are introduced to the basic vocabulary, equipment, personnel, and processes involved in the backstage operations of theatrical productions. Class participation leads directly to practical experience, as each student is assigned a different backstage role in actual productions (e.g., light board operation, sound board operation, assistant stage manager, backstage crew, hang and focus crew, scenic design & set building). Students gain essential information and practical experience related to the people, processes, and equipment that enable and enhance live performance. Students will be required to contribute to school productions in order to engage in authentic assessment of their knowledge and skills.

STAGECRAFT AND SET DESIGN (0079) 2.5

Open to any student who expresses an interest in the construction and development of theatrical sets, Introduction to Stagecraft and Set Design covers the fundamentals of backstage technology through actual practice and through the collaborative development of planning and rendering.

Students will understand the workings of a scene shop and apply the necessary skills to use tools to create flats, platforms, props, fixtures and other scenery. Students will be given the opportunity to work on actual sets for events such as the school drama and musical. Collaboration on projects for school events will be the performance assessment requirement for this course.

INTRODUCTION TO LIGHTING AND SOUND DESIGN (7080) 2.5

Introduction to Lighting and Sound covers the fundamentals of backstage technology through authentic experience. Through collaborative development of planning and incorporating the methods and materials of stage lighting and sound, students will build sets and sound stages for performance. The course will emphasize the functions and qualities of light, instruments, control equipment and procedure, with an introduction to the tools, techniques, and processes of sound and music for the theatre. Tasks will include a series of exercises and discussions on the structure of audio systems, digital audio editing and playback, play analysis, and the creative enhancement of the dramatic environment. Students will be given the opportunity to work on actual lighting and sound equipment for events such as the school drama and musical. Collaboration on projects for school events will be the performance assessment requirement for this course.

Prerequisite: Introduction to Technical Theater.

VIRTUAL ENTERPRISE (0507) 5.0

Virtual Enterprises(VE) is a simulated business that is developed and run by students with the guidance of a teacher/facilitator and a business partner. This program allows students to experience all facets of being an employee in a firm in an actual business environment. Students are involved in every aspect of running a business, including human resources, accounting, product development, production, distribution, marketing and sales, and they engage in trade with other practice firms (VEs) around the world. This simulation enables students to understand how

employees, workgroup teams, and departments interact with each other and work together for the goal of the company. In addition, the simulation conveys the expectations of the workplace. The Virtual Enterprise is a comprehensive and student-oriented approach towards teaching and learning that provides practical and task-oriented instruction in a real-world environment. With communication links to nearly 3,000 VE firms around the world, the program exposes students to different cultures, business practices and currencies and gives students a broader international perspective. Students engage in hands-on applications, problem solving, and written and verbal communication. In addition, students learn about a variety of careers associated with business, acquire global economic knowledge, and use technology as applied in business. By combining a rigorous curriculum with hands-on application of many academic skills, VE aims to prepare students for both careers and college. The task-based curriculum includes a strong academic component focused on writing, speaking, math and technology skills. The program seeks to motivate students by setting high expectations and showing them the relevance of their education. This course is offered to students in grades ten, eleven, and twelve.

Prerequisite: Personal Finance and/or Economics.

CISCO CERTIFICATION PROGRAM

INFORMATION TECHNOLOGY (0506)

5.0

The IT Essentials course provides a comprehensive overview of computer fundamentals and an introduction to advanced concepts. The course is intended for students who want to gain practical knowledge of how a computer works. Students who complete the IT Essentials course will be able to describe the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot using system tools and diagnostic software. They will also be able to connect computers to the Internet and share resources in a networked environment.

The program offers more than an instructor-led curriculum; it also provides an e-learning system offering Internet-enabled learning that encompasses training, education, just-in-time information, and communication. Using the online curriculum, hands-on labs, state-of-the-art equipment, real-world projects, and optional text products, Academy students receive the very best education available whenever they need it.

The CISCO Networking Academy IT Essentials course helps to prepare students to pass the test for the new CISCO CCNET8 CCNA certification exams and job-skills certification exams. After becoming certified, students will be qualified to work as computer support professionals and technicians in a variety of work environments and industries.

CISCO – CCNA DISCOVERY (0523)

5.0

This course provides general networking theory, practical experience, and opportunities for career exploration and soft-skills development. The curriculum teaches networking based on application, covering networking concepts within the context of network environments students may encounter in their daily lives – from small office and home office (SOHO) networking to more comprehensive coverage of networking topics. Students will understand fundamentals to advanced applications and services, while gaining opportunities for hands-on practical experience and soft-skills development. The curriculum teaches networking based on technology, covering networking concepts using a top-down, theoretical, and integrated approach – from network applications to the network protocols and services provided to those applications by the lower

layers of the network. The CISCO Networking Academy Discovery 1 course helps to prepare students to pass the test for the new CISCO CCNET8 CCNA certification exams and job-skills certification exams. After becoming certified, students will be qualified to work as computer support professionals and technicians in a variety of work environments and industries.

Prerequisite: Information Technology, Algebra I.

CULINARY ARTS

INTRODUCTION TO FOODS AND NUTRITION (0609) 2.5

The students will learn basic knife skills and fundamental cooking techniques and principles that will be applied to a variety of recipes. Emphasis will be placed on nutrition and healthy food choices using the USDA food guidelines as a building block for the recipes. Whole grains will be explored and prepared in a variety of ways. Students will learn the basic cooking methods and apply them to soups and sauces, meats and proteins, vegetables, pasta and baked goods. There will be opportunities for critical thinking involving nutritional revisions for lower fats, sugar, and salt as well as meal planning and management decisions. Students will use the computer for dietary analysis.

ADVANCED FOODS AND NUTRITION (0610) 2.5

This course provides opportunities for students to pursue advanced cooking techniques, foreign food choices, and entertainment menus as well as integrating previously presented information in the areas of food preparation and nutrition. The classic menu will be explored and dishes prepared from each category. The USDA dietary food guide will be incorporated into the curriculum. Students will have a greater understanding and mastery of basic knife and cooking skills when this course is completed.

Prerequisite: Intro to Foods and Nutrition

PRE-RESTAURANT 1 (0611) 2.5

This course is open to any student who would like a better understanding of what food service careers involve and offers an insight and opportunities of the food service industry, as well basic fundamentals needed to pursue a career in Culinary Arts.

The class is an essential part of the Commercial Culinary Arts Program and will be a requirement for the curriculum.

PRE-RESTAURANT 2 (0612) 2.5

This class is open to all students that have successfully completed Pre-Restaurant 1.

The course offers insight to basic food preparations as well as the purchasing, storage and inventory of fresh and prepared foods. Students will be able to identify fresh produce and dairy products and prepare them for service, i.e.: basic egg and dairy dishes, appetizers, salads, and side dishes (pasta, fresh fruit and vegetables).

The class is an essential part of the Commercial Culinary Arts Program and will be a requirement for the curriculum.

FOOD FUNDAMENTALS: BAKING (0613) 2.5

The course will teach the students basic principles and fundamentals of the professional bakeshop. Students will learn quick breads, yeast-raised breads and pastry, desserts such as pies, cakes, cookies and pastries. Students will also be introduced to Pastry Arts and Cake Decorating.

The class is an essential part of the Commercial Culinary Arts Program and will be a requirement for the curriculum.

FOOD FUNDAMENTALS 1 (0614) 2.5

This course offers students culinary arts skills needed to operate in a professional kitchen setting. Students will be exposed to and learn such concepts as culinary math, proper use and care of commercial equipment, sanitation and safety. Students will learn basic recipe concepts for food bases, soups, stocks, sauces and gravies. Finally they will gain a practical understanding of proteins and their preparation, including meats, poultry, seafood and vegetarian alternatives.

RESTAURANT 1 (0667) 2.5

This semester class is open to all students who have successfully completed Pre Restaurant 1 and 2. This course is offered to those students that are considering a career in culinary arts and wish to own and/or operate a restaurant in the future. Students will explore typical situations and scenarios in basic daily restaurant operations and this course offers the opportunity to learn the necessary skills to operate a successful restaurant. Students will also learn culinary art skills necessary to create a typical restaurant menu. Finally, students will be able to understand and create the proper atmosphere by learning different techniques in plating and presentation.

The class is an essential part of the Commercial Culinary Arts Program and will be a requirement for the curriculum.

Prerequisite: Pre-Restaurant 1 and Pre-Restaurant 2

RESTAURANT 2 (0668) 2.5

This semester class is open to all students who have successfully completed Pre Restaurant 1 and 2 as well as Restaurant 1. This course is designed for those students that are considering a career in culinary arts and wish to own and/or operate a restaurant in the future and continues with further concepts and strategies that were presented in previous culinary arts courses. Students will explore typical situations and scenarios that happen in basic daily restaurant operations and this course offers the opportunity to learn the necessary skills to operate a successful restaurant.

The class is an essential part of the Commercial Culinary Arts Program and will be a requirement for the curriculum.

Prerequisite: Restaurant 1

TOMORROW'S TEACHERS

TOMORROW'S TEACHERS (H0095) 5.0

The course is a study of the history, development, organization and practices of preschool, elementary and secondary education. Students will explore the theories of child development and learning, as well as the styles and needs of individual learners. They will experience the teaching profession through observation in a variety of educational settings, including Springfield

elementary schools and the child care program. Students will learn to develop lesson plans and units of study, and gain experience in implementing these lessons. This course will provide students with insight into the art and science of teaching as well as give them an understanding of the various careers in education. This course carries Honor's rating.

Prerequisite: Successful completion of grades nine and ten; experiences in positions of leadership in co-curricular activities.