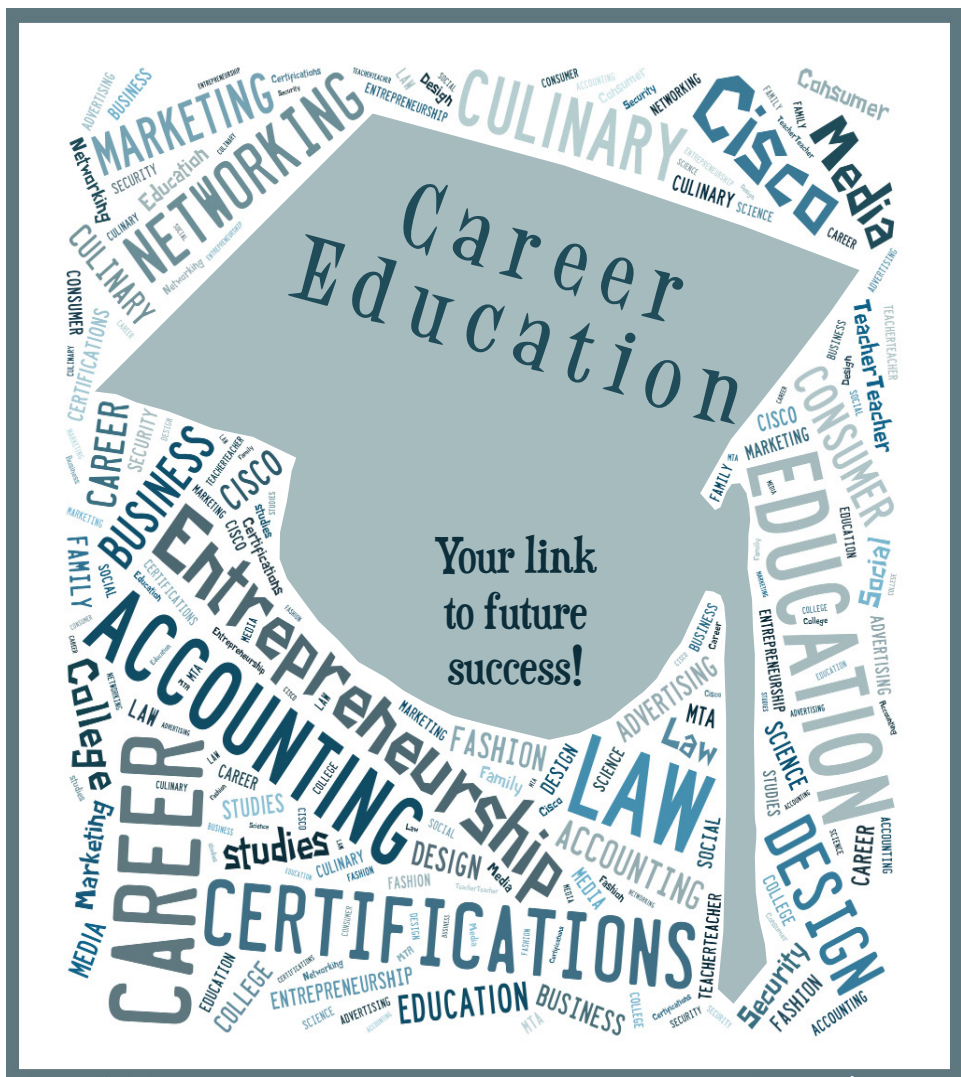




Want to be Successful?

Come learn the skills and tools needed to be a success in high school, college and the work force! The Career Education Department has the Business Education and Family and Consumer Science departments working hard to prepare you for your future success!

Come see what we have to offer...

CTE: Career and Technical Education

The Career Education Department offers a wide range of dynamic, high-quality programs across various career pathways, including Business, Culinary Arts, Fashion, Entrepreneurship, Finance, Supply Chain Management, Cybersecurity, Education, and Graphic Design, among others. Our programs equip students with the latest software, tools, and industry-standard equipment to prepare them for both college and career success.

Many of our courses are part of a state-approved Career and Technical Education (CTE) Program of Study, allowing students to earn dual credit and industry-recognized certifications. The following information outlines the scope and sequence of our course offerings, followed by detailed descriptions of each program.

- Students enrolled in CTE programs have a higher graduation rate in high school and success in college.
- Students completing at least two of the courses in the scope and sequence for their program have the option of participating in a CTE Workplace Cooperative Education experience during their senior year.

NOCTI Exam Information

Students enrolled in one of our state approved Career & Technical Education programs have the opportunity to take the NOCTI exam in their area of study.

- *NOCTI exams verify students meet the knowledge and skill set expected by each industry at an entry level.*
- *Students who meet the established criteria on exams receive a digital badge and Workforce Competency Credential which can be included on resumes and college applications.*
- *In addition, students who score a 70% or better will receive a NOCTI college credential for three college credits in their area of study.*
- *Over 1300 colleges nationwide accept the NOCTI certificate.*

Programs providing the NOCTI exam:

Entrepreneurship • Finance: Accounting • Architecture • Graphic Design • Culinary Arts • Early Childhood • Fashion

Dual Credit:

West Orange High School has established partnerships with many post-secondary institutions in order to offer dual credit opportunities to our students. These partnerships include Fairleigh Dickinson University(FDU) Rutgers University, Hudson Community College (HCC), Berkeley College and Rider University. The opportunity to earn college credits exists in approved dual enrollment courses. Students must meet the criteria from each university to earn the credits and tuition fees apply for each.

Dual Credit Programs:

Culinary Arts	<i>Total of 9 credits HCC</i>
Fashion Program	<i>Total of 6 credits from Berkeley College</i>
Cybersecurity Program	<i>Total of 6 credits from FDU</i>
Education Program	<i>Total of 3 credits from FDU and 3 from Rider University</i>
Entrepreneurship Program	<i>Total of 3 credits from FDU</i>
Finance Program	<i>Total of 3 credits from FDU</i>
Graphic Design Program	<i>Total of 3 credits from FDU</i>
Architecture Program	<i>Total of 3 credits from FDU</i>
Health Sciences	<i>Total of 13 credits from Rutgers</i>
Supply Chain Management	<i>3 articulated credits from Rutgers</i>

**All courses count towards the 21st Century
Life Careers/Career Technical Education credit
requirement for graduation.**

Capstone Course



Honors Virtual Enterprise International: VEI

Full Year • 5.0 Credits • Offered in Grades: 11, 12

Prerequisite: Completion of Select business courses or Supervisor approval

Virtual Enterprise is the capstone course for students seeking a Business career. This course blends all of the skills students have learned in their business courses into a virtual company students create together. The in-school entrepreneurship program and global business simulation, transforms students into business executives as they create and manage their virtual business. Once created, students experience all of the stages of managing their business from product development, production and distribution, to marketing, sales, human resources, finance, and accounting. Students conduct market research, develop business plans and annual reports, pay wages and taxes, and maintain 401(k) plans as part of the virtual experience.

When they enter the classroom, they are entering into a real-world simulation experience which will provide them with a competitive edge as they develop 21st century skills in entrepreneurship, global awareness, problem solving, communication, financial literacy, and technology. Students participate in local competitions with other virtual businesses and if successful complete in a national competition with virtual businesses from around the world. Students are given a nationally recognized NOCTI assessment in Entrepreneurship to certify they have a strong foundation at the end of the course. *Dual credit certification from Fairleigh Dickinson University's Middle College Program. This class fulfills the 2.5 graduation credit for Financial Literacy.*



**VIRTUAL
ENTERPRISES
INTERNATIONAL**

Growing business. Growing futures.

Structured Learning Experience (Work-Study Program)

Career and Technical Cooperative Education

Full Year • 15.0 Credits • Offered in Grades: 12

Prerequisite: 2 courses completed in CTE program, application, interview

Students enrolled in one of our 10 state approved Career and Technical Education program may participate in a work-place Structured Learning Experience which formally integrates classroom theory with practical experience at a work site in their chosen program. This option is open to seniors who have completed a majority of courses in their CTE program. Students interested in this program should consult their guidance counselors.



Capstone
Course

Other Courses not to be missed...

Career Education A**

Semester • 2.5 Credits • Offered in Grades: 9, 10, 11, 12

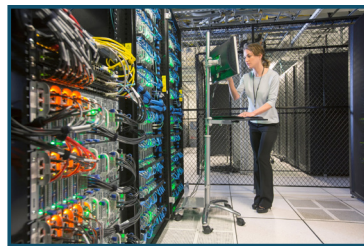
How can you determine which career is right for you? This course will prepare you for your future through the further development of your personalized student learning plan to help you reach your career goals. You will learn how to evaluate career opportunities and interpret how changing economic and societal needs influence employment trends and your future education. Career exploration, resume building, job applications, and interview skills are just a few of the areas covered in this amazing course. ****Structured Learning Experience for Senior Students: Up to an additional 7.5 credits Prerequisite: Application process for seniors seeking a Structured Learning Experience to include: Interview and review of transcripts.**

Career Education B**

Semester • 2.5 Credits • Offered in Grades: 9, 10, 11, 12

In the second part of the Career Education, you will develop job readiness skills for the particular career you choose to pursue. Group projects will help you develop the 21st century skills needed in the workplace such as creativity, collaboration, communication, and critical thinking. You will have the opportunity to participate in a variety of activities related to career readiness including volunteering, job-shadowing, internships, and community service. ****Structured Learning Experience for Senior Students: Up to an additional 7.5 credits Prerequisite: Application process for seniors seeking a Structured Learning Experience to include: Interview and review of transcripts.**

CTE: State Approved Program ~ Cisco Cyber Security



CyberSecurity 1: Information Technology Essentials

Full Year • 5.0 Credits • Offered in Grades: 9, 10, 11, 12

Co-requisite: Algebra I

This is the first course in the Cisco Cybersecurity Program of Study for students. The skills taught in IT Essentials are essential in building a strong foundation in technical concepts that will support learning cybersecurity skills.

PC Hardware and Software: This portion of the course teaches the students the functionality of the internal hardware components and software components of desktop computers, laptops, and printers. **Network Operating Systems:** This portion of the course teaches the students how to configure network operating systems, which include Linux and Windows. Students will learn several installation procedures, which include clean installations, upgrades, and Dual-Boot installations. Security issues, back up procedures and remote access methods are also covered.

Students may take the CompTIA A+ Certification exam.

CyberSecurity 2: Honors Python and Networking ★

Full Year • 5.0 Credits • Offered in Grades: 10, 11, 12

Recommended • CyberSecurity 1: Information Technology Essentials

This is the second course in the Cisco Cybersecurity Program of Study. Python and networking skills are both essential in the success of a Cybersecurity program.

The Honors Python and Networking course content covers Python programming concepts and techniques. The Python course content also includes real-life programming tasks and situations related to cybersecurity. ***The material covered in Python prepares learners for the PCEPTM – Certified Entry-Level Python Programmer certification (Exam PCEP-30-0x), which is a professional credential.***

Students may earn 3 credits through Fairleigh Dickinson's Middle College Program by successfully completing this course with a C or better. Tuition fees apply for the Fairleigh Dickinson Middle College Program. Students completing this course should take the Cybersecurity 3: Honors Linux course the following year.

CyberSecurity 3: Honors Linux

Full Year • 5.0 Credits • Offered in Grades: 10, 11, 12

Recommended • CyberSecurity 1: Information Technology Essentials

Prerequisites: CyberSecurity 2: Honors Python and Networking

This is the third course in the Cisco Cybersecurity Program of Study for students at WOHS. Learning to use the command line in Linux builds skills that are heavily used by hackers, so that the students can detect and protect against hacker activity.

The Honors Linux course content covers the use of open source applications, hardware, processes, programs and the components of the Linux Operating System. The Linux course content also includes implementation of system security, users/groups and file permissions for public and private directories. *The material covered in Linux prepares learners for the Linux Essentials Professional Development Certificate (Exam 010-160), which is a professional credential.*

CyberSecurity 4: Honors CyberSecurity ★

Full Year • 5.0 Credits • Offered in Grades: 10, 11, 12

Recommended • CyberSecurity 1: Information Technology Essentials

Prerequisites: CyberSecurity 2: Honors Python and Networking and CyberSecurity 3: Honors Linux

This is the fourth course in the Cisco Cybersecurity Program of Study. The CyberSecurity skills taught in this course prepare students with the essential skills to pursue higher education in the field of CyberSecurity. There are CyberSecurity attacks daily around the world and in this course you will learn how to detect and protect networks from outside threats. Students will learn how to use the Windows operating system, Linux operating system, and virtual machines to analyze CyberSecurity threats.

Students will also learn how to analyze and classify various types of CyberSecurity attacks and use SQL queries to search and analyze network intrusion data. Students develop skills to use network monitoring tools to identify attacks against network services. Students will study how cryptography is used to secure data.

★ *Students may earn 3 credits through Fairleigh Dickinson's Middle College Program by successfully completing this course with a C or better. Tuition fees apply for the Fairleigh Dickinson Middle College Program.*

CTE: Finance: Accounting*

Accounting 1 A

Semester • 2.5 Credits • Offered in Grades: 9, 10, 11, 12

Did you know that accounting is one of the only Business majors in college that prepares students for jobs in all business areas? This introductory course into the world of accounting provides a solid foundation for students in understanding basic accounting concepts. Students will learn how to complete both manual and computerized accounting applications. The course covers the accounting cycle for a service business. Career opportunities for accounting students are discussed and explored in areas such as: Forensic Accounting, Showbiz Accounting, International Accounting, Environment Accounting, and others. The New Jersey Society of CPA's (NJSCPA) visits the accounting students each school year to provide information on scholarships, career paths and opportunities. *Students taking this course should also register for Accounting 1B.*



Accounting 1 B

Semester • 2.5 Credits • Offered in Grades: 9, 10, 11, 12

Prerequisite: Accounting 1 A

Now that the basics have been explored, it is time to build on the foundation provided in Accounting 1A. Through the use of software applications, students will continue to develop their skills in a variety of areas. The course covers the accounting cycle for a merchandising business organized as a corporation. Students also develop an understanding of cash flows and analysis of financial statements, as well as competencies in managing personal affairs. ***Knowledge of these areas is essential for anyone considering majoring in any Business or Finance programs in college. It is recommended that students continue on to Honors College Accounting after successfully completing this course.***

Did you know?

**The FBI employs more than 2,000
accounting special agents.**

Honors College Accounting

Full Year • 5.0 Credits • Offered in Grades: 10, 11, 12

Prerequisite: Accounting 1 A & 1 B

Honors College Accounting is the final course offered in the sequence of accounting courses for students serious about pursuing Accounting or other Business majors. As the title suggests, this completer course continues with the study of financial accounting and introduces managerial accounting. The course covers the analysis and interpretation of financial statements, the treatment of tangible and intangible assets, an in-depth study of corporate accounting and an overview of cost systems. Analysis of actual corporate records and investigation of stocks and bonds as investments are also explored. Students will complete projects using various computer packages.



Students are given a nationally recognized NOCTI assessment in Accounting Basics to certify they have a strong foundation in basic accounting at the end of the course. *Dual credit certification from Fairleigh Dickinson University's Middle College Program.*

*College Credits?

All CTE Courses of Study offer the opportunity for you to earn at least 3 college credits through dual credit or NOCTI



Don't forget our Capstone Courses...

Honors Virtual Enterprise International: VEI

Full Year • 5 Credit • Offered in Grades: 11, 12

Career and Technical Cooperative Education

Full Year • 15.0 Credits • Offered in Grades: 12

Prerequisite: 2 courses completed in CTE program, application, interview

CTE: Entrepreneurship*

Business Organization and Management

Full Year • 5.0 Credits • Offered in Grades: 9, 10, 11, 12

Students will work independently as well as in teams to hone their soft skills on a variety of projects and assignments covering topics such as: business structures, management and leaderships styles, personnel management and development, payroll, interviewing and basic marketing just to name a few. Students will also have the opportunity to explore careers and post high school options while learning how to plan for their future.

Concepts of Entrepreneurship

Full Year • 5.0 Credits • Offered in Grades: 10, 11, 12

Recommended Prerequisite: Business Organization and Management

If you dream about starting your own business, joining a family business, majoring in business or entrepreneurship in college or working for an entrepreneurial firm anywhere in the world in the future, this course was designed for you. In a project-based environment, students examine how to solve problems facing business owners such as negative press for bad products, when to expand the business based on market research and how economic factors impact small business growth. Students also explore when to upgrade systems needed to run businesses, how to create products cost effectively and ethically, as well as logistics of a product cycle. In addition, entrepreneurship cases are explored and students participate in a business venture startup game.

Marketing

Semester • 2.5 Credits • Offered in Grades: 10, 11, 12

This course focuses on marketing concepts and the various factors that influence the consumer market. Students will learn how to identify target audiences through market segmentation and develop an effective marketing mix. Key topics include product-related strategies such as branding, pricing, and distribution considerations, as well as different forms of promotion. Students will also explore how to create advertisements that effectively communicate messages and appeal to specific audiences. *Students taking Marketing should continue their studies by registering for Advertising semester 2.*

Advertising

Semester • 2.5 Credits • Offered in Grades: 10, 11, 12

In this course, students will learn persuasive techniques used in print and digital advertising. They will develop skills in writing copy for print ads and understanding the key elements that make an effective advertisement. Students will explore visual design strategies and typography to create visually appealing ads. Additionally, they will learn research methods to evaluate the effectiveness of their advertisements, including how to write survey questions and apply best practices for survey design.

Honors Virtual Enterprise International: VEI

Full Year • 5 Credit • Offered in Grades: 11, 12

Students can earn dual credit from FDU and credit from taking the NOCTI exam.

Other Course not to be missed...

Marketing and Advertising Applications

Semester • 2.5 Credits • Offered in Grades: 11, 12

This course explores specialized areas of marketing, including sports, entertainment, fashion, and recreation. Students examine the power of branding, the impact of trends and consumer behavior, and how social and technological changes shape marketing strategies. Topics include sponsorship, audience targeting, the influence of AI, and the expanded marketing mix (7Ps) in service industries. Through hands-on projects, students will create campaigns tailored to each industry. This course is credited toward the 21st Century Life Careers/Career Technical Education credit requirement for graduation.

CTE: Graphic Design*

Digital Design & Multimedia Applications

Full Year • 5.0 Credits • Offered in Grades: 9, 10, 11, 12

Industry-standard software products are used by students to create high-impact professional desktop publishing designs, photos, and illustrations in this project-based course. Adobe InDesign, Illustrator, and Photoshop, as well as various online software packages, will provide the foundation from which students develop professional documents. Students taking this course will leave with advanced skills useful in either college or the workplace.

Graphic Communications 1

Full Year • 5.0 Credits •

Offered in Grades: 10, 11, 12

***See Technology Education course description catalog*

Graphic Communications 2

Full Year • 5.0 Credits •

Offered in Grades: 11, 12

***See Technology Education course description catalog*

SHIBA INU

GENERAL INFORMATION

An ancient Japanese breed, the Shiba Inu is a little but well-matched dog more employed as a hunter. Today, the spirited, good-natured Shiba is the most popular companion dog in Japan. The adaptable Shiba is at home in town or country. Brought to America from Japan as recently as 60 years ago, Shibas are growing in popularity in the West and are already the most popular breed in their homeland. Their white markings combined with their coloring (red, red sesame, or black and tan) and their alert expression and smooth stride makes them almost fox-like. Males stand 16.5 to 18.5 inches tall and weigh about 23 pounds. Females stand 15.5 to 17.5 inches tall and weigh about 17 pounds. They're sturdy, muscular dogs with a bold, confident personality to match.

Context:	
General Information	1
History	2
Health Problems	3
Care	4

www.akc.org

CTE: Child Development Early Childhood and Family Studies*

Early Childhood and Family Study I

Full Year • 5.0 Credits • Offered in Grades: 9, 10, 11, 12

Prerequisite for 9th graders: application process

Early Childhood and Family Studies I is the introductory course for students interested in Early Childhood Education, pediatrics, social work and other related fields. Sample units of study include: creating a bulletin board to use with the preschool class; the creative play areas of coloring, tempera, finger-paint, paste and collage, modeling, water and sand table, music and movement, unit blocks, and dramatic play; food and nutritious snacks; child abuse; creating and using a recipe chart; a literature experience using a variety of puppet alternatives. Students will visit and interact with preschool children at local community preschools. ***An additional requirement is a weekend baby simulation experience where students exhibit positive parenting techniques using a simulation doll.***

Early Childhood and Family Studies II

Full Year • 5.0 Credits • Offered in Grades: 10, 11, 12

Prerequisite: Early Childhood and Family Studies I

The second level of Early Childhood and Family Studies enables students to continue visiting and interacting with preschoolers at local community preschools.

Preschool activities will center on a variety of curriculum web themes. Sample units of study for high school students are careers, children's clothing, dealing with emotions, children in crisis, and examining preschool philosophies. Creative projects include: designing a child's outfit given safety guidelines, making, writing, and illustrating a children's book, creating a math lesson with props, a children's game and a media experience. Field trips are planned at this level. After successful completion of both years of Early Childhood and Family Studies, students are prepared for entry level jobs in Early Childhood Centers. This course meets the 21st Century Life Careers/Career Technical Education credit requirement for graduation.



Early Childhood and Family Studies III

Full Year • 5.0 Credits • Offered in Grades: 11, 12

Prerequisite: Early Childhood and Family Studies I & II

The third level of Early Childhood and Family Studies is designed for students who are pursuing a career in education or a related field of study in which working with young children is a requirement. This course will include experiences with all areas of the curricula, the study of child development principles and theorists, information about inclusion of children with special needs, and the development of cultural awareness and social competency among preschoolers. Students will develop an understanding of the physical space requirements of running an Early Childhood program as well as the equipment required. In addition students will have the opportunity to visit a local preschool program. Upon completion of Early Childhood and Family Studies III, all students will have the opportunity to take the *NOCTI national exam on essential skills in Early Childhood Care and Education. Students may earn 3 college credits through Fairleigh Dickinson's Middle College Program by successfully completing this course with a C or better. Tuition fees apply for the Fairleigh Dickinson Middle College Program.*

Tomorrow's Teacher

Full Year • 5.0 Credits • Offered in Grades: 11, 12

Prerequisite: Application process to include: Teacher Recommendation, writing sample, interview, and review of academic standing.

Tomorrow's Teacher is an elective course which is designed for students who are interested in a career in teaching and would like an in-depth overview of the field of education. Tomorrow's Teachers includes three themes: Experiencing the Learner, Experiencing the Profession; and Experiencing the Classroom. Students are exposed to many topics including but not limited to: teaching strategies, the teaching profession, educational materials, and classroom management. Students are provided with firsthand experiences working with elementary students in our district. Students will leave the course with a strong foundation for their future studies in education. *In addition, students may receive college credits from Rider University after successfully completing the course.*



CTE: Supply Chain Management*

Supply Chain Management

Semester: 2.5 Credits • Offered in Grades: 9, 10, 11, 12

Did you know that job opportunities for supply chain professionals are projected to grow by 30% by 2030? In fact, supply chain management is one of the fastest-growing career fields today. Ever wondered what Supply Chain Management is all about? A supply chain covers everything that happens to a product or service—from its initial concept all the way to the point of sale. It involves managing the flow of goods, information, and finances as a product moves from creation to delivery. This is the first course in a three-part Supply Chain Management program at West Orange High School. In Course 1, students will be introduced to the core principles of Supply Chain Management through hands-on, Project-Based Learning activities. These projects will cover the four key areas of the Supply Chain Operations Reference (SCOR) model: Plan, Source, Make, and Deliver. Throughout the course, students will explore exciting career and college opportunities in this rapidly growing field.

Supply Chain Management 2

Semester: 2.5 Credits • Offered in Grades: 9, 10, 11, 12

Prerequisite: Supply Chain Management

This is the second course in the three-part Supply Chain Management program offered through West Orange High School's Career and Technical Education (CTE) program. Building on the foundational knowledge from Course 1, students will deepen their understanding of Supply Chain Management through Project-Based Learning assignments. Course 2 focuses on key topics such as Material Planning, Insourcing versus Outsourcing, Lean Manufacturing, and Distribution. Students will also explore various career opportunities in the field. *To qualify for the dual-credit opportunity with Rutgers University, students are encouraged to take Supply Chain Management Course 3.*

Supply Chain Management 3

Semester: 2.5 Credits • Offered in Grades: 10, 11, 12

Prerequisite: Supply Chain Management 2

This is the third and final course in the Supply Chain Management CTE program at West Orange High School. Aligned with Rutgers Supply Chain Management program, the curriculum is Project Based and prepares students for this career college pathway. This course covers Production and Capacity Planning, Ethical Sourcing and Sustainability, Service Supply Chain, and Logistics Service Provider Agreement. *At the end of the course, students are eligible for dual-credit through Rutgers University and are ready to continue their career pathway in Supply Chain Management.*

CTE: Cooking and Related Culinary Arts*

Pre-Apprenticeship Program with the American Culinary Federation

If you are interested in the Culinary Arts profession you now have the ability to jump-start your career through a pre-apprenticeship grant opportunity WOHS is participating in with the American Culinary Federation (ACF) and our employer partner, Maschio's. You will learn specific culinary arts skills and techniques that lead to the ACF Fundamental Cook certification while in high school. You must be 16 years of age to participate. *See your school counselor for more information.*

Introduction to Culinary Arts Level 1

Semester • 2.5 Credits • Offered in Grades: 9, 10, 11, 12

This is the first level of culinary arts at WOHS which provides students with an introduction to culinary arts principles required to be successful in a kitchen. Students will learn about safety and sanitation in the kitchen, engage in multiple recipes, and put to use fundamental culinary arts skills. Students will learn a variety of cooking techniques/methods used. Students will learn the proper skills and concepts required to create a dish from scratch. Students will understand how to read a recipe and then execute it correctly using the proper equipment, measuring, and cooking techniques. In addition, students will learn about the various careers available to them in the hospitality industry. *Students taking this course should also register for Production & Culinary Arts Level 2.*

Production & Culinary Arts Level 2

Semester • 2.5 Credits • Offered in Grades: 9, 10, 11, 12

Prerequisite: Introduction to Culinary Arts Level 1

This is the second course students interested in the culinary arts should take at WOHS. This course focuses on production skills and techniques within the kitchen environment. Topics include Breakfast Foods, Hot and Cold Sandwiches, Vegetables and Fruits, and Basic Principles of Cooking and Food Science. Guest chefs and speakers shed light on the various career pathways students may explore for future careers within the hospitality industry. *Students may earn 2 dual college credits from Hudson Community College; tuition fees apply and a grade of a "C" or better.* This course is credited toward the 21st Century Life Careers/Career Technical Education credit requirement for graduation.

Global Cuisine 1

Semester course • 2.5 Credits • Offered in Grades: 10, 11, 12

Prerequisite: Intro to Culinary Arts & Production

This course marks the beginning of the second year of our Culinary Arts Program. Students will embark on a global culinary adventure, fostering an understanding and appreciation for diverse cultures while discovering “new tastes.” They will learn about the culture, traditions, and geography of various countries and how these factors shape their cuisine and classic dishes. We will explore a range of European cuisines, including those of Italy and France, followed by select countries from other regions such as Portugal, the Netherlands, and Greece. We will then journey to the Caribbean and Mexico to explore their unique spices and flavor profiles, with students acquiring specific preparation techniques and skills for each. *Students taking this course should also register for Global Cuisine 2.*

Global Cuisine 2

Semester • 2.5 Credits • Offered in Grades: 10, 11, 12

Prerequisite: Global Cuisine 1

Continue your global culinary journey, discovering more destinations including Latin and South American countries, the continents of Asia and Africa, as well as select Middle Eastern nations, while preparing their traditional recipes. Further explore the celebrations, culture, and traditions that have shaped the cuisine of each region. Learn the proper application of specialty spices and flavors essential for preparing these dishes. *Students have the opportunity to earn two (2) college credits through Hudson Community College upon successful completion of this course with a grade of “C” or higher. Tuition fees are applicable.*

Creativity and Innovation in the Culinary Arts

Semester • 2.5 Credits • Offered in Grades: 11, 12

Prerequisites: Intro to Culinary Arts & Production, Global Cuisine 1/Global Cuisine 2

This is the third level course in our Culinary Arts CTE program. Students will continue to fine tune their culinary skills in the kitchen. This unit takes a global look at both the front of the house and back of the house areas and job responsibilities in each. Students will prepare specialty dishes which stimulate the palate, sharpen meat fabrication techniques, experiment with plating of food, explore food photography, and practice front of the house service. *Dual credit with Hudson Community College is available to students if they meet specific requirements for a fee.*

Students may take the NOCTI test to earn college credit and the ServSafe certification test.

Bakeshop

Semester • 2.5 Credits • Offered in Grades: 11, 12

Prerequisite: Global Cuisine1/Global Cuisine 2 and/or Creativity and Innovation in the Culinary Arts

Have you dreamed of making the perfect Chocolate Chip Cookie or Chocolate Souffle? How about building and designing a themed cake or petit fours? Bake fresh foccacia, chocolate white chocolate chunk, cupcakes, and a plethora of delicious desserts. Future culinary chefs will learn how to make pretzels, cream puffs, biscotti while developing multiple skills such as piping, proofing, decorating for beautifully designed treats. In addition, we will explore the world of savory treats including artisanal breads. The science behind successful baked goods will be explored and implemented as well as specific baking techniques. This class is meant for students who have taken several culinary arts classes at WOHS and are considering pursuing a career in the culinary arts with a focus on baking and pastry. ***Students may earn 2 dual college credits from Hudson Community College; tuition fees apply and a grade of a "C" or better.*** This course is credited toward the 21st Century Life Career Technical Education credit requirement for graduation.



Fashion Design 1

Semester • 2.5 Credits • Offered in Grades: 9, 10, 11, 12

This introductory course focuses on learning basic clothing construction skills and techniques. Students work with pre-made patterns, make basic modifications, and will be able to customize their creations. Students learn about color principles, color schemes and fashion trends. Consumer needs are included in the study of fashion and textile products and how they impact clothing choices. Careers in the Fashion industry will be explored. Students are trained in the safety protocol in a lab environment. The course is individualized to allow students to advance at their own rate to the next level of expertise. *Students taking this course should also register for Fashion Design 2.*

Fashion Design 2

Semester • 2.5 Credits •

Offered in Grades: 9, 10, 11, 12

Prerequisite: Fashion Design 1

This course focuses on perfecting and advancing basic clothing construction skills and techniques learned in Fashion Design 1. Skill packets are offered that provide students with the opportunity to advance their sewing skills, use advanced techniques and customize their projects. Fabrics and their care, the production of clothing in the fashion industry, and trends in the industry will be explored. Students will understand how the production of clothing in the industry provides a variety of career opportunities. *Students should register for Fashion Business Management the following year.*



Fashion Business Management

Full Year • 5.0 Credits • Offered in Grades: 9, 10, 11, 12

Fashion Business Management is the second level of the Fashion program. In this full year course, all aspects of Fashion Business Management are explored through an in-depth study of the dynamics of fashion with a focus on how products move from the design state to the retail market. Students will gain an understanding of how textiles are developed and fabric is selected for product development as well as take on the role of merchandisers and buyers through hands-on projects and understand the importance of marketing in the retail industry. Careers in all areas of Fashion Merchandising will be explored as students participate in career related activities throughout the course of study. Guest speakers and field experiences will be an integral part of the curriculum. The construction of clothing or other sewing activities are not part of this course. *Students may earn 3 credits through our partnership with Berkeley College Program by successfully completing this course with a C or better. Tuition fees apply for the Berkeley College Program.*

Apparel Design Production

Full Year • 5.0 Credits • Offered in Grades: 10, 11, 12

Prerequisite: Fashion Design 1 & 2

This year-long course is designed for students with a love for fashion, as well as, those who are interested in enhancing their skills and college admission portfolios for a career in the fashion industry. Through skill-building exercises, creative experimentation and research-based projects in fashion drawing and garment construction, students develop a personal vision and explore the role of fashion in society. Fashion careers, the history of fashion, as well as fashion terms, garment styles, and popular apparel fabrics are explored. You will create Trend boards, use Adobe Photoshop for designers, and even learn about costume design. Students explore 3D technology in the world of fashion and use our 3D printers in several projects. Students can participate in our dual enrollment with Berkeley College. *Students take the NOCTI exam in Apparel and Textiles.*

Other Course not to be missed...

Interior Design A

Semester • 2.5 Credits • Offered in Grades: 9, 10, 11, 12

Interior Design A is project oriented with concentration placed on the study of design elements and principles, color schemes, floors plans, lighting, furniture styles and architecture. Using a problem solving approach, it endeavors to help students analyze their housing needs and develop solutions to design problems. Students taking this course will learn to maximize space in their living environments now and in years to come. Careers in the industry are explored. *Students should continue their studies with Interior Design B semester 2.*

Interior Design B

Semester • 2.5 Credits • Offered in Grades: 9, 10, 11, 12

Prerequisite: Interior Design A

Interior Design B is a continuation of Interior Design A. The course focuses on architectural styles, kitchen design, new technological advances in design materials, and environmental concerns. A highlight of the course will be a “design challenge” where students will incorporate all of the interior design principles they have acquired. This course will provide students with the information to make intelligent choices in the housing market and will offer possible career exploration opportunities. This course is credited toward the 21st Century Life Careers/Career Technical Education credit requirement for graduation.

*College Credits?

All CTE Courses of Study offer the opportunity for you to earn at least 3 college credits through dual credit or NOCTI



Other Courses not to be missed!

Microsoft Office

Full Year • 5.0 Credits • Offered in Grades: 9, 10, 11, 12

Students anticipating majoring in any Business area in college will benefit greatly from taking Microsoft Office. This full year course provides students with advanced skills in components of Microsoft Office such as: Word, Excel, and PowerPoint which will help them succeed in both college and the workplace. In our state of the art computer labs, students will explore advanced features of each application which will result in the ability to create professional-looking documents and presentations as well as the knowledge needed to use reporting tools, make use of database design and management tools, create spreadsheets with embedded charts and graphs, as well as to create advanced PowerPoint presentations. Use of the internet as a research tool will be incorporated into all of the components. College-bound students will begin their studies with the tools necessary to expertly complete their assignments. *In addition, students may take the Microsoft Specialist certification exam for select office programs.*

Personal Finance

Semester • 2.5 Credits • Offered in Grades: 9, 10, 11, 12

This class fulfills the financial literacy requirement for high school graduation. Students today face an increasing number of financial choices as a result of the global economy in which we live. This course focuses on the financial-life aspects of the student's roles as citizens, family members, consumers, and active daily participants in the business world. This course is designed to assist students in recognizing their financial responsibilities today and those they will encounter in the future. Topics will include budgeting, banking, consumer credit, stocks, bonds, mutual funds, and money management strategies. Financial simulations and investment challenges are examples of activities designed for this course. *Students take the Nationally recognized WISE Financial Literacy Online Test.*



Did you know?

Packing a lunch just twice a week instead of spending \$10 at the local deli can save you \$1,000+ a year. Brewing your own coffee instead of buying it can save you \$30-50 a month.

The World of Wall Street

Semester • 2.5 Credits • Offered in Grades: 9, 10, 11, 12

Prerequisite: Personal Finance

More and more students are leaning towards advanced degrees involving business and for many this means working on or at least dealing with Wall Street. The goal of this course is to demystify Wall Street and give students a fundamental understanding of this most powerful center of our business world while learning sound financial strategies for preparing for a financially secure future. Students will learn all aspects of Wall Street including its history as well as information about stock markets around the world, risk management, portfolio performance evaluation and how financial news impacts stock performance and the economy. Students will be enrolled in the Stock Market Game which is a live simulation of an investment portfolio. This allows students to put into practice what they are learning without any financial risk. *Students compete with other classes within the state of New Jersey to see who ranks the highest in the return of investment.*



Business Law

Semester • 2.5 Credits • Offered in Grades: 10, 11, 12

This course teaches the student that law is an instrument of social control, which affects everyone, and that business is the medium through which most of the necessities of life are provided to everyone. These two comprehensive and profound fields of interest are ambitiously combined to present both personal and career applications of Business Law. Subject areas to be presented include: crimes and torts, the court system, contracts, negotiable instruments, conditional sales agreements, consumer protection, and insurance and employer-employee relations.



***College Credits?**

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Need more information?

Clubs

- Future Business Leaders of America (FBLA)
- Family Career and Community Leaders of America (FCCLA)
- Skills USA
- New Jersey Future Educators Association (NJFEA)
- Future Educators of America (FEA)
- School Store Management Club

Dual Credit Programs:

Culinary Arts	<i>Total of 9 credits HCC</i>
Fashion Program	<i>Total of 6 credits from Berkeley College</i>
Cybersecurity Program	<i>Total of 6 credits from FDU</i>
Education Program	<i>Total of 3 credits from FDU and 3 from Rider University</i>
Entrepreneurship Program	<i>Total of 3 credits from FDU</i>
Finance Program	<i>Total of 3 credits from FDU</i>
Graphic Design Program	<i>Total of 3 credits from FDU</i>
Architecture Program	<i>Total of 3 credits from FDU</i>
Health Sciences	<i>Total of 13 credits from Rutgers</i>
Supply Chain Management	<i>3 articulated credits from Rutgers</i>

Certification Exams

Sample of Third Party Assessments given leading to industry certifications:

- Microsoft Office Specialist (MOS) Certification Exams
- Financial Literacy: W!SE Exam
- SerSafe Food Manager

Honors Cisco Academy:

CompTIA A+ • Cisco Cyber Ops • PCEP-30-OX

NOCTI Exams:

Entrepreneurship • Finance: Accounting • Architecture • Graphic Design •
Culinary Arts • Early Childhood • Fashion

