

Career and Technical Education Courses

Foundations of Web Design Honors (Web 1)

9001110

1 year, Grades 9-12, Performing/Fine Arts Credit, **Honors Course**

Learn from scratch with detailed instruction to create professional, industry-focused Web pages with site-development software and XHTML & CSS coding, and learn project management skills for any career in business. Industry certifications can be earned in the Web Development program.

User Interface Design (Web 2)

9001120

1 year, Grades 10-12, Performing/Fine Arts Credit, **Honors Course**

Prerequisite: Foundations of Web Design

This course builds upon previously acquired Web page creation skills while providing higher-level instruction in Web document development, with an in-depth focus on Web animation software and Adobe Photoshop. Seniors who are computer savvy may take this course without prerequisite.

E-Commerce and Marketing Essentials (Web 3)

9001150

1 year, Grade 12, Performing/Fine Arts Credit, **Honors Course**

Prerequisite: Foundations of Web Design and User Interface Design

This course focuses on all the elements related to E-Commerce, including: B2B, B2C, C2C, connecting with online customers, marketing strategies, Web server hardware and software, payment gateways, and online shopping security. In addition, explore the world of video editing using Adobe Premiere Pro and After Effects. Seniors who are computer savvy may take this course without prerequisite.

Introduction to Hospitality and Tourism

8850110

1 year, Grades 9 – 10

Have you ever thought about a career in Travel and Tourism? This is an excellent place to be a career exploration of a very exciting field that offers endless opportunities for positions from the bottom to the top of hotels, restaurants, amusement parks, cruise lines, air lines, and many others.

Hospitality & Tourism Marketing Management

8703120

1 year, Grades 10 – 11

Prerequisite: Intro to Hospitality and Tourism

Continue your career exploration in this lucrative field by learning about the marketing and promotion of tourism. Real-world experiences are included, and you will lay a foundation that could take you directly to a career or continue to post-secondary degrees at HCC or USF.

Fashion Marketing Essentials

8806010

1 year, Grades 9-12

Develop marketing promotions for fashion apparel and accessories, advertising, fashion shows, and learn about careers in fashion marketing.

Fashion Marketing Applications (Fashion 2)

8806020

1 year, Grades 10-12

Prerequisite: Fashion Marketing Essentials

The course provides instruction for advanced careers in fashion marketing. The content includes skills related to the marketing functions, including employment skills in marketing and career planning.

Fashion Marketing Management (Fashion 3)

8806030

1 year, Grades 10-12

Prerequisite: Fashion Marketing Essentials, Fashion Marketing Applications

Learn the skills and requirements demanded from someone in a fashion management career. Explore advanced elements of the industry, and provide leadership for DECA.

Cyber Security Essentials

9001330, *Performing/Fine Arts Credit, **Honors Course***

1 year, Grades 10-12

Topics for this course include: computer security, cyberattack prevention, categories of vulnerabilities, password strength, social media targets, cyberattack mechanisms, and extensive terminology related to the field.

AP Computer Science Principles

0200335

1 year, Grades 10-12, **AP Course**

This advanced course focuses on computer programming languages (including an in-depth examination of functions, variables, lists, parameters, and conditionals), algorithms, and designing applications.

Customer Service Rep 1

8848110

1 year, **Grades 10-12 ONLY**

This course is designed for students who desire on-the-job training in one of the offices or assisting one of the teachers within the school. Students will work towards earning an Industry Certification in the field of Entrepreneurship.

Customer Service Rep 2

8848120

1 year each, Grades 11-12

This course may be taken simultaneously with CSR 1 or 3. Students learn the skills and requirements of administrative assistants.

Customer Service Rep 3

8848130

1 year each, Grade 12 **ONLY**

This course may be taken simultaneously with CSR 1 or 2. Students learn the skills and requirements of administrative assistants.

Welding Technologies 1

8754510

1 year, Grades 9-12, Performing/Fine Arts Credit, LAB FEE

This course prepares students for employment and advanced training in a variety of occupations in the welding industry. Each student is required to purchase their own personal protective equipment, consisting of boots, gloves, welding shirt, & etc.

Welding Technologies 2-6

1 year, Grades 10-12, LAB FEE

Prerequisite: Welding 1 and Teacher Recommendation

Included in this program of study are all the techniques of welding, from basic principles to more advanced applications. Welding is such a widely accepted form of material construction, and individuals in this field can expect employment in a vast number of areas. Multi-levels can be taken during the same year. Consider this program to establish a solid foundation in a very lucrative field.

Culinary Operations 1

8800510

1 year, Grades 9-11

Prepare for employment in the food service and hospitality industry. Students will learn both front and back house procedures, cross-train in food service jobs, study leadership and employability skills, and operate a restaurant and catering business in a high school laboratory setting, which includes a commercial kitchen and café.

Culinary Operations 2-3

1 year each, Grades 10-12, Performing/Fine Arts Credit, LAB FEE REQUIRED

Prerequisite: Culinary 1 and Teacher Recommendation

As a continuation of Culinary Operations 1, students learn about food planning and preparation for large numbers, such as banquets, luncheons and receptions. Multi-levels can be taken during the same year. Students will purchase a cook uniform jacket.

Culinary Operations 4

1 year, Grades 12, LAB FEE REQUIRED

Prerequisite: Culinary 1-3 and Teacher Recommendation

Offers three (3) tracks to best suit your future career in culinary arts:

Track 1: Culinary and Hospitality Management

Learn how to be successful in customer service and management roles. Learn the skills necessary for planning and catering an event. Explore trends in marketing and business.

Track 2: Advanced Baking Techniques

Learn baking mathematics knowledge and skills. Explore how to demonstrate standard and advanced preparation skills for baking and pastry products. Apply the knowledge and skills necessary to successfully cater an event.

Track 3: Advanced Cooking

Learn how to follow state mandated guidelines for food service. Utilize industry technology to enhance methodology and efficiency of preparation and, how to demonstrate buffet style service. Demonstrate advanced preparation skills for various proteins.

Personal Financial Literacy

8500120

1 semester, Grades 9 – 12, SATISFIES GRADUATION REQUIREMENT

This course provides students an overview of personal and family finance concepts including the American economic system, management of resources including income, money management, saving and investing, spending and credit, the role of financial institutions and the consumer, consumer information and taxation and financial planning.

Family, Home and Consumer Technology (Senior Survival)

8500365

1 year, Grade 12 ONLY

This course focuses on becoming productive and successful adults. Concepts include managing money, consumer choices, menu planning and preparation, interpersonal relationships and decision making. Practical everyday skills needed for survival on your own will be covered.

Nutrition and Wellness

8500355

1 semester, Semester 1, Grades 9-12

Students will learn the relationship between preparation of healthy foods and their nutritional choices. Practice safe food-handling and demonstrate the dangers of improper selection, preparation, service and storage of foods.

Principles of Food Preparation

8500390

1 semester, Semester 2, Grades 9-12

Prerequisite: Nutrition and Wellness

Gain a foundation of food preparation, selection and storage of foods, and basic presentation skills for home and commercial cooking. This is a great introduction to a Culinary career.

Barbering 1

8757110

1 year, Grades 9-12

This course is designed to provide instruction in safety rules and procedures with classroom/laboratory procedures. It provides competencies in hair shampooing and conditioning, trimming and shaping hair using clippers, shears and razors.

Barbering 2 - 5

1 year, Grades 10-12, OPTIONAL LAB FEE

Prerequisite: Barbering 1 and Teacher Recommendation

This program will prepare students for a career in barbering. Instruction is designed to qualify students for employment upon successfully passing the Florida Restricted Barber or Barber License Examination. Multi-levels can be taken during the same year. Students may purchase personal barbering equipment

Cosmetology 1 (Grooming & Salon Services)

8757210

1 semester, Semester 1, Grades 9-12

This course prepares students for a career in cosmetology, including the skills and services needed for clients in the school cosmetology salon. Begin your quest to learn about a very creative career working with hair, nails, and skincare.

Nails Specialty 2

8757310

1 semester, Semester 2, Grades 9-12, OPTIONAL LAB FEE

Prerequisite: Cosmetology 1

Instruction for providing manicures, pedicures, applying artificial nails, and learn about the selection of supplies and equipment as well as sanitation procedures. Students may purchase a personal nail kit.

Nails Specialty 3

8757320

1 year, Grades 10-12, LAB FEE

Prerequisite: Cosmetology 1 and Nails Specialty 2

This course is the follow-up to Nails Specialty 2, with a more in-depth exploration and experience providing manicures, pedicures, and applying artificial nails. Students work towards earning state licensing in the field. Students will purchase a personal nail kit.

Cosmetology 3 (Facials)

8905130

1 semester, Grades 9-12, OPTIONAL LAB FEE

Prerequisite: Cosmetology 1

This course provides instruction in skin care, facials, facial massage, facial hair removal and makeup. Complete your basic knowledge for a cosmetology career, with subsequent courses in full-year hair and makeup application in Cosmetology 4 – 6. Students may purchase a personal facial kit.

Cosmetology 4 - 6

1 year, Grades 11-12, OPTIONAL LAB FEE

Prerequisite: Cosmetology 1 – 3, and Teacher Recommendation

Students perform skills and services for clients in the school cosmetology salon. Successful students are prepared and eligible to take the Florida Board of Cosmetology examination for licenses. Multi-levels can be taken during the same year. Students may purchase a personal cosmetology kit.

3DE - AVID 1

1700390

1 year, Grade 9

This is an exciting program that focuses on *REAL* business case studies. Students work in groups to solve a problem given by different businesses such as Home Depot, Arby's, Delta Airlines, and many more. You will develop study skills and work habits that focus on organization, communication, and future planning!

3DE - AVID 2

1700400

1 year, Grade 10

Develop your problem-solving and communication skills while solving real-world case studies for businesses in the Tampa area. Continue your skill-building within this program designed to help with studying, test-taking, and organization, while preparing for your future career and education goals.

3DE - Principles of Entrepreneurship

8812110

1 year, Grade 11

This is the third year of the program that develops problem-solving and communication skills while working with businesses in Tampa. During this year, students develop their own products to sell, and have the opportunity to earn an industry certification in the field.

AVID 3

1700410

1 year, Grade 11

This is an *elective choice* for students that want to expand their study and organizational skills, while beginning college exploration. It is NOT a part of the 3DE program of study.

3DE – AVID 4

1700420

1 year, Grade 12

This is the final of a four-course program designed to explore business situations in the Tampa area, with visits, demonstrations, and exploration of possible careers.
