

Career & Technical Education (CTE)



Course Options for Grades 9-12

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- Accounting I, II
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- AP Microeconomics
- Business & Finance
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- Business Operations
- Career Choices
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- Entrepreneurship
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Energy & Sustainability

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- Career Choices
- Worksite Learning Experience
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Career & Technical Education (CTE)

Program Introduction and Information

The Everett Public Schools Career & Technical Education (CTE) courses provide students opportunities to explore career pathways. Through CTE courses, students get to choose from a variety of industry focused courses ranging from accounting and marketing to computer programming and sports medicine in preparation for the career of their choice.

Business & Professional Services

Accounting I

CTE201

Location:	JHS
Grade Levels:	9-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	
Other:	Continuing on to Accounting II is strongly recommended.

Accounting I includes instruction in accounting principles and theory, financial accounting, budget control, tax accounting, legal aspects of accounting, auditing reporting procedures, statement creation and analysis, professional standards and ethics, and applications specific to profit, public, and non-profit organizations. Basic accounting concepts will be practiced.

Accounting II

CTE205

LEARNING
OPTIONS



Location:	JHS
Grade Levels:	9-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	Must have met standard in Accounting I.
Other:	Students may earn college CTE Dual Credit; see teacher for more details.

Accounting II is the second semester of a year-long program preparing individuals on advanced levels to practice the profession of accounting and to perform related business functions. The class includes instruction in accounting principles and theory, financial accounting, cost accounting, budget control, tax accounting, legal aspects of accounting, auditing, reporting procedures, statement analysis, professional standards and ethics, and applications specific to profit, public, and non-profit organizations.

Business & Finance

CTE207

Location:	CHS
Grade Levels:	9-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	
Other:	

This course is applicable if you are planning a career in business, need a clearer understanding of economic and business systems, interested in investment opportunities or want to expand and strengthen your understanding of personal finance. You will explore the benefits and challenges of owning your own business or pursuing a career in business administration and will gain understanding in finance, marketing, human resources, production, and management. FBLA (Future Business Leaders of America) membership is strongly encouraged.

Business Law

CTE209

Location:	EHS, JHS
Grade Levels:	9-12
Credit:	0.5 CTE and Social Studies Elective credit
Course Equivalency:	CTE and Social Studies graduation requirements
Length:	One semester
Prerequisites:	
Other:	

Business Law addresses statutes and regulations affecting businesses, families, and individuals in their related roles. Knowledge of business law is useful for all students because all students eventually assume roles as citizens, workers, and consumers in their communities and in society.

Understand legal rights and responsibilities as an American citizen and learn about the business world. Areas of study include business law, family law, criminal law, juvenile law, law enforcement, and the court system.

Economics

CTE215

Location:	CHS, EHS, JHS
Grade Levels:	9-12
Credit:	0.5 CTE and Social Studies
Course Equivalency:	CTE and Social Studies graduation requirements
Length:	One semester
Prerequisites:	
Other:	

The purpose of this economics course is to provide students with a basic understanding of macroeconomics and microeconomics. Students explain economic systems, supply and demand, and the role of economic institutions, government and entrepreneurs in a market economy. Students explain global, national and local economic issues and learn personal finance skills to become wise consumers, savers, investors, users of credit, money managers, and to be participating members of a global workforce.

AP Macroeconomics

495CTE

LEARNING
OPTIONS



Location:	CHS, EHS, JHS
Grade Levels:	11-12
Credit:	1.0 CTE and Social Studies credit
Course Equivalency:	CTE and Social Studies graduation requirements
Length:	Two semesters (yearlong)
Prerequisites:	There are no prerequisites for AP Macroeconomics. Students should possess basic mathematics and graphing skills.
Other:	Throughout the term, students prepare for the AP exam offered in early May. Some colleges and universities may grant college credit to students who score a 3, 4 or 5 on the AP exam. See the Learning Options for Students section on page 18 for more information about AP exams, fees and credit transfers. Students enrolled in this course can expect the rigor of a college-level class.

AP Macroeconomics is an introductory college-level course with a focus on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops student familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

AP Microeconomics

493CTE

LEARNING
OPTIONS



Location:	CHS, EHS, JHS
Grade Levels:	11-12
Credit:	1.0 CTE and Social Studies credit
Course Equivalency:	CTE and Social Studies graduation requirements
Length:	Two semesters (yearlong)
Prerequisites:	There are no prerequisites for AP Microeconomics. Students should possess basic mathematics and graphing skills.
Other:	Throughout the term, students prepare for the AP exam offered in early May. Some colleges and universities may grant college credit to students who score a 3, 4 or 5 on the AP exam. See the Learning Options for Students section on page 18 for more information about AP exams, fees and credit transfers. Students enrolled in this course can expect the rigor of a college-level class.

AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course develops student familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

Foundations of Business & Marketing

211CTE

Location:	CHS, EHS, JHS
Grade Levels:	9-12
Credit:	1.0 CTE or Elective credit
Length:	Two semesters (yearlong)
Prerequisites:	
Other:	The course is a prerequisite for Entrepreneurship and Business Operations
Fee:	Current DECA regional, state, and national fee.

In this introductory course, students learn the fundamental business concepts that successful business people need. The class combines practical project-based learning, classroom practice, and business simulation to give students the skills and knowledge necessary for business success in today's world. Students in this course are members of DECA which provides opportunities to travel, practice leadership, and compete with students from around the world.

Social Media Marketing

271CTE

Location:	CHS, EHS, JHS
Grade Levels:	10-12 or instructor approval
Credit:	1.0 CTE or Elective credit
Length:	Two semesters (yearlong)
Prerequisites:	
Other:	
Fee:	Current DECA regional, state, and national fee.

How do Instagram, Twitter, Facebook, SnapChat, and other social media platforms get your attention and motivate you to spend money? Are you interested in how companies use social media to connect with an audience to promote a product, service, or idea? In this class students will learn how social media works, the ethics and laws around social media, and the value of a positive on-line presence. Students will sharpen their research, writing, and communication skills. Students in this class are members of DECA, providing the opportunity to travel, practice leadership, and compete with students from around the world.

Entrepreneurship

213CTE

Location:	CHS, EHS, JHS
Grade Levels:	10-12
Credit:	1.0 CTE or Elective credit
Length:	Two semesters (yearlong)
Prerequisites:	Foundations of Business and Marketing OR Social Media Marketing OR Business and Finance

Other:	
Fee:	Current DECA regional, state, and national fee.

Entrepreneurship focuses on recognizing a business opportunity, starting, operating, and maintaining a business. Students will develop critical thinking, problem solving, and innovation. Integration of accounting, finance, marketing, business management, legal and economic environments will be developed through projects in this course. Students in this course are members of DECA which provides opportunities to travel, practice leadership, and compete with students from around the world.

Business Operations (School Store) 271CTE

Location:	CHS, EHS, JHS
Grade Levels:	10-12 or instructor approval
Credit:	1.0 CTE or Elective credit
Length:	Two semesters (yearlong)
Prerequisites:	Foundations of Business & Marketing OR Social Media Marketing OR Business and Finance
Other:	Course may be repeated for credit.
Fee:	Current DECA regional, state, and national fee.

This course provides students an opportunity to run a successful school-based enterprise and develop the skills and attitudes required for any career field. Students learn and practice customer service, advertising, sales, pricing, market research, and merchandising techniques. All students work in a variety of positions and receive on-the-job training. Students in this class are members of DECA, providing the opportunity to travel, practice leadership, and compete with students from around the world.

Business & Professional Services

Internship

CTE527

Location:	CHS, EHS, JHS
Grade Levels:	11-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	
Other:	Course is graded Pass/Fail (or S/U for qualifying students).

Experience a career and apply academic skills in the business and professional workplace. Students complete a combination of worksite learning, research, reflection, and performance demonstration.

Communication & Information Technology

Advanced Computer Science Topics 403CTE

Location:	JHS
Grade Levels:	10-12
Credit:	1.0 CTE or Elective credit
Length:	Two semesters (yearlong)
Prerequisites:	Algebra 2 and AP Computer Science A or instructor approval

Other:
Students will add to their understanding of the Java programming language by learning concepts such as data structures, overloaded methods, and designing and implementing large programs. Culminating projects consist of stand-alone applications designed and written by each student.

Computer Applications (with Office User Specialist Introduction)

CTE225

LEARNING
OPTIONS



Location:	EHS, JHS, SHS
Grade Levels:	9-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	
Other:	Students may earn college CTE Dual Credit by earning a B or higher in this class. Course may be repeated for industry certifications.

Computer Applications is designed to provide a foundation for future business and technology courses where students learn the basic features of the Microsoft Office Suite to better prepare for college and careers. Students work toward Microsoft Office Industry Certifications to prepare for entry-level positions. Students develop leadership, interpersonal, problem-solving, and decision making skills throughout this course.

AP Computer Science A

337CTE

LEARNING
OPTIONS



Location: CHS, EHS, JHS
Grade Levels: 10-12
Credit: 1.0 CTE and Math credit
Course Equivalency: CTE graduation requirements and math elective
Length: Two semesters (yearlong)
Prerequisites: For math equivalency, must have earned credit or be concurrently enrolled in Algebra II
Other: Throughout the term, students prepare for the AP exam offered in early May. Some colleges and universities may grant college credit to students who score a 3, 4 or 5 on the AP exam. See the Learning Options for Students section on page 18 for more information about AP exams, fees and credit transfers.
Cost and registration fees for the 5-credit UW in the High School course varies. Contact UW to request college course on UW transcript. See the Learning Options for Students section on page 18 for more information about the College in the High School program. [UW Course Code CSE 142: Computer Programming I]

AP Computer Science A is equivalent to a first-semester college-level computer science course and introduces students to fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes object-oriented and imperative problem solving and design using Java language. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

AP Computer Science Principles

481CTE

LEARNING
OPTIONS



Location: CHS, EHS, JHS
Grade Levels: 9-12
Credit: 1.0 CTE and Science credit
Course Equivalency: CTE and Science graduation requirements
Length: Two semesters (yearlong)
Prerequisites:
Other: Throughout the term, students prepare for the AP exam offered in early May. Some colleges and universities may grant college credit to students who score a 3, 4 or 5 on the AP exam. See the Learning Options for Students section on page 18 for more information about AP exams, fees and credit transfers.
Cost and registration fees for the 5-credit UW in the High School course varies. Contact UW to request college course on UW transcript. See the Learning Options for Students section on page 18 for more information about the College in the High School program.

AP Computer Science Principles introduces students to the ideas of computer science with a focus on how computing can impact the world. Along with the fundamentals of computing, students analyze data, information or knowledge represented for computational use, create technology that has a practical impact and gain a broader understanding of how computer science impacts people and society. The course is designed around 7 big ideas: Creativity, Abstraction (problem-solving technique), Data and Information, Algorithms, Programming, Internet, and Global Impact.

Computer Programming through Graphics and Animation I

CTE195

Location: CHS, EHS, JHS, SHS
Grade Levels: 9-12
Credit: 0.5 CTE
Length: One semester
Prerequisites:
Other:

In this course, students learn computational problem solving and fundamental skills in computer science using Python programming language to design graphics and learn animation techniques. The course is ideal for students new to computer programming.

Computer Programming through Graphics and Animation II

CTE197

Location: CHS, EHS, JHS, SHS
Grade Levels: 9-12
Credit: 0.5 CTE
Length: One semester
Prerequisites:
Other:

In this course, students further develop programming skills using Python programming language to design more complex graphics and animation.

Cybersecurity

427CTE

Location: CHS, EHS, JHS, SHS
Grade Levels: 9-12
Credit: 1.0 CTE
Length: Two semesters (yearlong)
Prerequisites: AP Computer Science Principles or AP Computer Science A
Other:

This course introduces students to the ever-growing and far-reaching field of cybersecurity. Students accomplish this through problem-based learning in which students role-play and train as cybersecurity experts. The course gives students a broad exposure to the many aspects of digital and information security while encouraging socially responsible choices and ethical behavior. Students explore the educational and career paths available in cybersecurity and related fields.

Digital Photography I

CTE321

Location:	CHS, EHS, JHS, SHS
Grade Levels:	9-12
Credit:	0.5 CTE and V&P Arts credit
Course Equivalency:	CTE and V&P Arts graduation requirements
Length:	One semester
Prerequisites:	
Other:	Computer Applications strongly recommended. Work completed in this course may be used in school yearbook or other school publications. Students are encouraged to submit work from class to local, regional, and national competitions. Fees may apply.

Investigate and practice the exciting career field of digital (commercial) photography. Students start by learning the history of photography and how cameras work, and explore lighting, color and composition, in both technical and creative photographic processes. Students learn and practice several genres of photography including nature photography, action photography, and journalistic photography. Students learn to bring their pictures to life using Adobe Photoshop. Students explore career and business opportunities in commercial photography. Students prepare traditional, hard-copy and digital electronic portfolios.

Digital Photography II


CTE361/CTE362

Location:	CHS, EHS, JHS
Grade Levels:	9-12
Credit:	0.5 CTE and V&P Arts credit per semester
Course Equivalency:	CTE and V&P Arts graduation requirements
Length:	One or two semesters
Prerequisites:	C or higher Digital Photo I or teacher permission
Other:	Work completed in this course may be used in school yearbook or other school publications. Students are encouraged to submit work from class to local, regional, and national competitions. Course may be repeated for credit.

For students interested in photography and Photoshop, Digital Photography II teaches how to operate digital SLR cameras, set up and use a three-point portrait studio lighting system, learn advanced processing techniques using Adobe Photoshop, and apply advanced design elements and principles. Students are strongly encouraged to enter multiple local, regional, and national photography competitions. Content for this class is based on OSPI CTE approved frameworks for commercial photography. A final portfolio will be created showing a variety of work and techniques.

Introduction to Graphic Design

CTE353


LEARNING OPTIONS	
Location:	JHS
Grade Levels:	9-12
Credit:	0.5 CTE and V&P Arts credit
Course Equivalency:	CTE and V&P Arts graduation requirements
Length:	One semester
Prerequisites:	

Other: Students may earn college CTE Dual Credit; see teacher for more details.

Designed for students in the Graphic Design pathway, Introduction to Graphic Design covers the basic art concepts for studio work, layout and composition, aesthetics, and history. Students apply techniques, graphic arts vocabulary, tools and equipment, color theory, perspective, drawing, and painting. Graphic art styles and techniques with a strong emphasis on design are presented to the student and include computer assisted art and design using vector and raster graphics, concept sketching, illustrations, traditional art medias, digital imaging, communication skills, and commercial art business operations. Students develop visual presentations skills and build personal portfolios.

Graphic Design I


CTE323

LEARNING OPTIONS	
Location:	CHS, JHS
Grade Levels:	9-12
Credit:	0.5 CTE and V&P Arts credit
Course Equivalency:	CTE and V&P Arts graduation requirements
Length:	One semester
Prerequisites:	Introduction to Graphic Design is highly recommended
Other:	Students may earn college CTE Dual Credit; see teacher for more details. Fees may apply.

Graphic Design I explores vector-based illustration methods for creating graphics, technical illustrations, and visual presentation of information and data. Students create logos, graphic designs, layouts, and basic graphic information using Adobe Illustrator. Students explore the creative process using digital imaging software, digital photography, image manipulation, and image generating techniques using Adobe Photoshop. Emphasis is placed on use of software tools and building a portfolio.

Graphic Design II

CTE357

LEARNING OPTIONS	
Location:	CHS, JHS
Grade Levels:	9-12
Credit:	0.5 CTE and V&P Arts credit
Course Equivalency:	CTE and V&P Arts graduation requirements
Length:	One semester
Prerequisites:	C or higher in Graphic Design I or teacher permission
Other:	Students may earn college CTE Dual Credit; see teacher for more details. Fees may apply.

In Graphic Design II concept development procedures in visual communication problems are developed for graphic art problems. Vector graphics, raster optics, layout, and design are used in single compositions. Students begin work in 3-D, using a laser cutter and UV printer. Emphasis is on the principles of art, organization, production techniques, and building a portfolio to submit to competitions. Software used includes Adobe Illustrator, Photoshop, and InDesign.

Graphic Design III

CTE359

Location:	CHS, JHS
Grade Levels:	10-12
Credit:	0.5 CTE and V&P Arts credit
Course Equivalency:	CTE and V&P Arts graduation requirements
Length:	One semester
Prerequisites:	Successful completion of Graphic Design II
Other:	Fees may apply.

Graphic Design III prepares students to apply artistic techniques to technical and commercial art concepts. Instruction includes computer-assisted art and design using vector and raster optics, using traditional art media, digital imaging, communication skills, and commercial art business operations. Advanced production techniques are used to create images for use in multimedia, print media, and web design. Emphasis is on layout and composition and development strategies for use with web, multimedia, print, and video production. Students develop visual presentation skills, develop drawing skills, and build a personal portfolio that can be submitted for AP exam and local competition.

Publications I (Yearbook 1)

281CTE

LEARNING
OPTIONS



Location:	CHS, EHS, JHS, SHS
Grade Levels:	9-12
Credit:	1.0 CTE and V&P Arts credit
Course Equivalency:	CTE and V&P Arts graduation requirements
Length:	Two semesters (yearlong)
Prerequisites:	
Other:	Attendance of some after school events may be required. Must purchase an ASB card. Strong writing skills are a must. Students may earn college CTE Dual Credit; see teacher for more details.

In Publications I, students are introduced to the publications and desktop publishing career using industry standard publishing software. Students receive hands-on experience publishing the school yearbook.

Publications II, III, IV

See codes below

Publications II (Yearbook 2) – 283CTE
Publications III (Yearbook 3) – 285CTE
Publications IV (Yearbook 4) – 287CTE

Location:	CHS, EHS, JHS
Grade Levels:	10-12
Credit:	1.0 CTE and V&P Arts credit
Course Equivalency:	CTE and V&P Arts graduation requirements
Length:	Two semesters (yearlong)
Prerequisites:	Complete previous course in sequence
Other:	Must attend after school meetings and events. Must purchase ASB card. Students in this class will be considered for editorial positions, valuable leadership experience on a college application or résumé.

Students gain advanced skills and practice in the career field of publications. Students have regular hands-on experience and learn advanced techniques publishing the school yearbook.

Video Production I

301CTE

Location:	CHS
Grade Levels:	9-12
Credit:	1.0 CTE or Elective credit
Length:	Two semesters (yearlong)
Prerequisites:	
Other:	Fees may apply.

Video Production I is an introduction to visual storytelling using multimedia. First semester is all about learning how to tell stories using animation. You will learn the film-making process as well as how to record your voice and animate characters. Second semester you will be introduced to professional filmmaking techniques using cameras, microphones, and Adobe software. You will work in teams to produce a series of short video projects that reflect industry standards.

Video Production II

304CTE

Location:	CHS
Grade Levels:	10-12
Credit:	1.0 CTE or Elective credit
Length:	Two semesters (yearlong)
Prerequisites:	Video Production I or AR
Other:	Fees may apply.

Students build skills learned in Video Production I through the introduction of more tools for storytelling. You will learn advanced animation, motion graphics, Adobe After Effects and other professional software packages. We dive into advanced camera operations, including drones and sound design. You will have the opportunity to work on longer, more advanced projects. There is also opportunity for industry certification from Adobe and the FAA (Federal Aviation Administration).

Video Production III

307CTE

Location:	CHS
Grade Levels:	11-12
Credit:	1.0 CTE or Elective credit
Length:	Two semesters (yearlong)
Prerequisites:	Video Production II or AR
Other:	Fees may apply.

A time to shine. You will choose projects in your area of interest. Enrollment in this class indicates that you have done well in Video Production II and are seriously considering a career in the media industry. Topics of study include aerial cinematography, animation, sound recording and design, and film theory. The emphasis in this class will be to construct a demo reel showcasing your best work and exploring post high school options to continue your learning.

Web Design

CTE345

LEARNING
OPTIONS



Location:	EHS, JHS
Grade Levels:	9-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	
Other:	Computer Applications is strongly recommended. Students may earn college CTE Dual Credit; see teacher for more details.

Web Design prepares students to apply HTML, XML, JavaScript, CSS, graphic applications, and other authoring tools to the design, editing, and publishing (launching) of documents, images, graphics, sound, and multimedia products.

Communication & Information Technology Internship

CTE521

Location:	CHS, EHS, JHS
Grade Levels:	11-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	
Other:	Course is graded Pass/Fail (or S/U for qualifying students).

Experience a career and apply academic skills in the communication and information technology workplace. Students complete a combination of worksite learning, research, reflection, and performance demonstration.

Education

Introduction to Education

577CTE

LEARNING
OPTIONS



Location:	CHS, EHS, JHS
Grade Levels:	10-12
Credit:	1.0 CTE credit
Length:	Two semesters (yearlong)
Prerequisites:	
Other:	Students have the option of earning college credit through EvCC. See the Learning Options for Students section on page 18 for more information about the College in the High School program.

This course is an introduction to the historical, sociological, political, and philosophical foundations of our American public education system. Students investigate the experience of being a teacher, observing teaching strategies and styles at the elementary, middle, and high school levels.

Educational Studies Internship

CTE525

Location:	CHS, EHS, JHS
Grade Levels:	11-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	
Other:	Course is graded Pass/Fail (or S/U for qualifying students).

Experience a career in education. Students complete a combination of worksite learning, research, reflection, and performance demonstration.

Energy & Sustainability

Energy & Sustainability Internship

CTE529

Location:	CHS, EHS, JHS
Grade Levels:	11-12
Credit:	0.5 credit for 90 hours – CTE or Elective credit
Length:	One semester
Prerequisites:	Student must have good school attendance and no behavior referrals.
Other:	Course is graded Pass/Fail (or S/U for qualifying students).

Experience a career and apply academic skills in workplaces focused on energy and sustainability. Students complete a combination of worksite learning, research, reflection, and performance demonstration.

Engineering & Manufacturing

Foundations of Manufacturing

453CTE

Location:	CHS
Grade Levels:	9-12
Credit:	1.0 CTE credit, 1.0 English credit, and 1.0 Math credit
Course Equivalency:	CTE, English, and Math graduation requirements
Length:	Two semesters (yearlong)
Prerequisites:	
Other:	

This course introduces basic manufacturing skills that apply to many industry sectors, such as aerospace and maritime. The type of skills learned in this course includes safety of shop equipment, precision measurement, material science, print reading, math for industry, lean manufacturing, and electrical maintenance. Students will be introduced to topics in advanced manufacturing, including computer numerical control (CNC) operation and Computer Aided Design (CAD). Guidance and support for further education and careers is integrated into this course.

LEARNING OPTIONS 

Location: CHS
Grade Levels: 9-12
Credit: 1.0 CTE and Science Elective Credit (0.5 per semester)
Course Equivalency: CTE and Science Graduation Requirements
Length: Two semesters (yearlong)
Prerequisites:
Other:

Mechatronics is designed as an introduction to the basics of robotic operation, basic programming for mechatronics systems. Students will gain conceptual, technical and practical knowledge of robotics application and how robotics is applied to industrial tasks using hands-on, interactive robotics devices. Students will understand the basics of robotics operation, manual operation, end effector operation, interfacing, material handling, basic robotic programming, editing, positioning and homing in a mechatronic system.

Engineering Internship CTE523

Location: CHS, EHS, JHS
Grade Levels: 11-12
Credit: 0.5 CTE or Elective credit
Length: One semester
Prerequisites:
Other: Course is graded Pass/Fail (or S/U for qualifying students).

Experience a career and apply academic skills in the engineering and manufacturing workplace. Students complete a combination of worksite learning, research, reflection, and performance demonstration.

Health Sciences & Medical Careers

Family Health CTE110

LEARNING OPTIONS 


Location: CHS, EHS, JHS, SHS, OnlineHS
Grade Levels: 9-12
Credit: 0.5 Health and CTE credit, required for graduation
Course Equivalency: Health and CTE graduation requirements
Length: One semester
Prerequisites:
Other:
Fee: CPR card fee may apply.

Family Health is designed to prepare students for lifelong problem solving, critical thinking, and management skills related to health and wellness issues impacting families. The primary goal is to enable students to develop healthy lifestyles for themselves and others by focusing on healthy choices and living a productive, satisfying life.

Location: CHS, SHS
Grade Levels: 9-12
Credit: 0.5 CTE or Elective credit
Length: One semester
Prerequisites:
Other:

The Child Development course is designed to assist students in developing appropriate skills and attitudes in working and living with children. Areas of study include intellectual, social, emotional, and biological development of children; parent-child relationships; parenting practices; special needs of children; parental and environmental influences on child development; and external support systems.

Independent Living CTE105

LEARNING OPTIONS 

Location: CHS, EHS, JHS, SHS
Grade Levels: 11-12
Credit: 0.5 CTE or Elective credit
Length: One semester
Prerequisites:
Other: Students may earn college CTE Dual Credit; see teacher for more details.

Independent Living is designed to prepare students for responsible decision making in a variety of areas (career, food, and financial management) that confront young adults as they leave high school. The primary focus of the class is the development of essential skills for living on one's own, in a family, or with others.

Health Science & Medical Terminology 153CTE

LEARNING OPTIONS 

Location: CHS, EHS, JHS
Grade Levels: 9-12
Credit: 1.0 CTE and Science Elective credit (0.5 per semester)
Course Equivalency: CTE and Science graduation requirements
Length: Two semesters (yearlong)
Prerequisites:
Other:

Study of medical terminology, relating terms to the anatomy and physiology of the body. This course is designed for students working toward proficiency in medical language as well as for students entering health occupations, such as medical assistants, medical transcriptionists, receptionists, administrative support, and billing specialists.

Fundamentals of Patient Care

417CTE

Location:	EHS
Grade Levels:	11, 12
Credit:	1.0 CTE or Elective credit
Length:	Two semesters (yearlong)
Prerequisites:	
Other:	

Explore the challenging and exciting career possibilities in healthcare - one of the fastest growing industries today. This intensive course prepares students to work with patients to provide the highest level of patient care by offering hands-on, patient-oriented training. Learn about a variety of health care topics, procedures, and careers in patient care, earn certification in CPR/First Aid, and attend clinical internship in health care facilities. Patient care skills learned in this class include: taking vital signs, helping patients exercise, dress and bathe, infection control, and supporting social and mental health needs. At the end of the course, students are qualified for the Nursing Assistant state exam. Nursing Assistant is an entry-level position in healthcare that provides experience in the medical field. It can be a first step toward other medical careers including physician, nurse, and therapist.

Nutrition and Food Preparation I CTE161

Location:	CHS, JHS, SHS
Grade Levels:	9-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	
Other:	

Nutrition and Food Preparation I is an introductory course which includes hands-on practice in food preparation techniques, kitchen safety, equipment use, nutrition, menu planning, leadership development, and careers in food related industries.

Nutrition and Food Preparation II CTE163

Location:	CHS, JHS
Grade Levels:	9-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	Must have met standard in Nutrition I
Other:	

Nutrition and Food Preparation II is an advanced course which includes hands-on advanced menu planning and food garnishing, and exploring ethnic foods, and preparing regional foods of the United States. The class also covers cooking with herbs, food seasoning, sauce preparation, specialty desserts, as well as main dishes using pasta, cheese, dairy, and protein foods. Students continue to explore food related careers while working in a variety of individual and group lab activities.

Nutrition and Wellness

CTE157

Location:	CHS, EHS, JHS, SHS
Grade Levels:	9-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	
Other:	

This course is designed for students who are interested in the science of nutrition, careers in Nutritional Sciences, as well as in the selection and preparation of a variety of food. Attention will be given to nutrition for the whole population

Sports Medicine I CTE166

Location:	CHS, EHS, JHS
Grade Levels:	9-12
Credit:	0.5 CTE and Science Elective credit
Course Equivalency:	CTE and Science graduation requirements
Length:	One semester
Prerequisites:	
Other:	A lab science course.

Sports Medicine I is a hands-on class exploring athletic taping and wrapping, CPR, first aid, health occupations, and medical terminology. Students complete the course with usable skills to help family and friends and with an understanding of health career choices.

Sports Medicine II, plus Sports Medicine Internship CTE170/CTE176

Location:	CHS, EHS, JHS
Grade Levels:	10-12
Credit:	0.5 CTE and Science Elective credit for CTE170 and 0.5 CTE and Science Elective credit for CTE176
Course Equivalency:	CTE and Science graduation requirements
Length:	One semester
Prerequisites:	Sports Medicine I or permission of instructor.
Co-requisite:	Students who enroll in Sports Medicine II must also enroll in Sports Medicine Internship.
Other:	A lab science course.

Sports Medicine II continues the study of musculoskeletal anatomy and physiology, injury prevention, injury evaluation, treatment, and rehabilitation programs and completes the study of major joints. Internship hours may be completed at off-campus sites and/or under less supervision with proven competence. The Washington Vocational Sports Medicine Association State Competition is a major, class activity.

Sports Medicine III, plus Sports Medicine Internship

CTE172/CTE176

Location:	CHS, EHS, JHS
Grade Levels:	10-12
Credit:	0.5 CTE and Science Elective credit for CTE172 and 0.5 CTE and Science Elective credit for CTE176
Course Equivalency:	CTE and Science graduation requirements
Length:	One semester
Prerequisites:	Sports Medicine II or permission of instructor.
Co-requisite:	Students who enroll in Sports Medicine III must also enroll in Sports Medicine Internship.
Other:	A lab science course.

Sports Medicine III continues the study of musculoskeletal anatomy and physiology, injury prevention, injury evaluation, treatment, and rehabilitation programs and completes the study of major joints. Internship hours may be completed at off-campus sites and/or under less supervision with proven competence. The Washington Vocational Sports Medicine Association State Competition is a major, class activity.

Medical Careers Internship

CTE531

Location:	CHS, EHS, JHS
Grade Levels:	11-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	
Other:	Course is graded Pass/Fail (or S/U for qualifying students).

Experience an internship in medical careers. Students complete a combination of worksite learning, research, reflection, and performance demonstration.

Work-Based Learning

Career Choices

CTE515

LEARNING
OPTIONS



Location:	CHS, EHS, JHS, SHS
Grade Levels:	11-12
Credit:	0.5 CTE or Elective credit
Length:	One semester
Prerequisites:	
Other:	Students may earn college CTE Dual Credit; see teacher for more details.

The Career Choices course helps students identify career and work goals. Students prepare a unique employment portfolio. Students are required to attend weekly meetings with the instructor and complete the required computer projects. The course will focus on linking individual capabilities with the job market.

Worksite Learning Experience

CTE501/CTE502

Location:	CHS, EHS, JHS, SHS
Grade Levels:	11-12
Credit:	0.5 credit CTE or Elective credit per semester For each 0.5 credit the student must work 180 hours
Length:	One or two semesters
Prerequisites:	Student must be legally and gainfully employed. Student must be 16 years of age.
Other:	Course is graded Pass/Fail (or S/U for qualifying students). Course may be repeated for credit.

The Worksite Learning Experience occurs outside of the school day where students combine work experience with a connecting CTE class. Once a week, students meet with the instructor to update forms, turn in pay stubs and meet their required student worksite learning plan. Credit is awarded for meeting required work hours and on evidence of improvement of employability skills. A worksite supervisor provides a performance evaluation before credit is granted.

Worksite Learning Volunteer

CTE509

Location:	CHS, EHS, JHS
Grade Levels:	11-12
Credit:	0.5 credit for 90 hours – CTE or Elective credit
Length:	One semester
Prerequisites:	Student must have good school attendance and no behavior referrals.
Other:	Course is graded Pass/Fail (or S/U for qualifying students).

The purpose of this class is to promote student participation in the community by volunteering. As an unpaid experience students are required to have an approved learning plan. Students complete the required forms with a reflective paper on their experience. A worksite supervisor provides a performance evaluation before credit is granted.

Worksite Learning Internship

CTE505

Location:	CHS, EHS, JHS
Grade Levels:	11-12
Credit:	0.5 credit for 90 hours – CTE or Elective credit
Length:	One semester
Prerequisites:	Student must have good school attendance and no behavior referrals.
Other:	Course is graded Pass/Fail (or S/U for qualifying students).

Experience a career and apply academic skills in the workplace. Students complete a combination of worksite learning, research, reflection, and performance demonstration for a total of 90 hours. Student worksite placement must relate to the student's career pathway. The unpaid experience requires the student to have an approved learning plan. A worksite supervisor provides a performance evaluation before credit is granted.

Course Equivalency

Course equivalency allows a single course to satisfy more than one graduation requirement without earning additional credit (see page 10). The following courses are offered for CTE credit in addition to those listed in this section.

Course		Page
Anatomy & Physiology	273SCI	52
Astronomy & Aerospace Engineering	505SCI	52
AP Seminar	Varies	21
AP 2-D Art and Design	391CTE	62
AP 3-D Art and Design	393CTE	62
AP Drawing	575CTE	62
AP Environmental Science	593SCI	50
AP Psychology	693SOC	58
AP Research	Varies	21
AVID (Grade 12)	455ALT	78
Biology and the Environment	121SCI	50
Biotechnology	407SCI	52
College & Career Readiness Seminar	GRD421	76
Engineer Your World	313SCI	53
Introduction to Law	SOC113	57
Naval Science 1-4 (NJROTC)	Varies	87-88
Physics in the Universe	411SCI	51
Psychology	SOC610	58
Robotics Technology	SCI307	53
Technical Theatre I, II, III	Varies	63