

State Career & Technical Education (CTE) Pathways

Must earn **2.0 credits** in one of the following pathways

Agriculture Education & Science <ul style="list-style-type: none"> • AP Environmental Science (1.0 credit) • AP Research Science (1.0 credit) • Biology and the Environment (1.0 credit) • Energy & Sus Internship (0.5 credit) • Sustainable Agriculture (1.0 credit) • AVID 12 or CCRS or Career Choices (0.5 credit) 	Business & Marketing <ul style="list-style-type: none"> • Accounting I, II (0.5 credit each) • Advanced Computer Science Topics (1.0 credit) • AP Computer Science A (1.0 credit) • AP Computer Science Principles (1.0 credit) • AP Macroeconomics (1.0 credit) • AP Microeconomics (1.0 credit) • Business and Finance (0.5 credit) • Business Law (0.5 credit) • Business Operations (1.0 credit) • CAD/CADD (0.5 credit) • Computer Applications (0.5 credit) • Cybersecurity (0.5 credit) • Cybersecurity and Networking (2.0 credit) • Digital Literacy (0.5 credit) • Digital Manufacturing (0.5 credit) • Economics (0.5 credit) • Entrepreneurship (1.0 credit) • Exploring Computer Science (0.5 credit) • Foundations of Business & Marketing (1.0 credit) • Introduction to Law (0.5 credit) • Introduction to Programming I, II (0.5 credit) • Marketing Career Exploration (1.0 credit) • Microsoft Office User Specialist (1.0) • Publications I, II, III, IV (1.0 credit each) • Social Media Marketing (0.5 credit) • Sports and Entertainment Marketing (0.5 credit) • Web Design (0.5 credit) • Worksite Learning (0.5 credit) • AVID 12 or CCRS or Career Choices (0.5 credit)
Family and Consumer Sciences <ul style="list-style-type: none"> • AP Psychology (1.0 credit) • Child Development (0.5 credit) • Educational Studies Internship (0.5 credit) • Family Health (0.5 credit) • FCS Ed Coop (0.5 credit) • Independent Living (0.5 credit) • Intro to Early Childhood Ed (1.0 credit) • Introduction to Education (1.0 credit) • Nutrition I, II (0.5 credit each) • Nutrition & Food Prep I, II (0.5 credit each) • Nutrition & Wellness (0.5 credit) • AVID 12 or CCRS or Career Choices (0.5 credit) 	Skilled & Technical Sciences <ul style="list-style-type: none"> • AP 2-D Art & Design (1.0 credit) • AP 3-D Art & Design (1.0 credit) • AP Drawing (1.0 credit) • Auto Maintenance (0.5 credit) • Auto Technology (0.5 or 1.0 credit) • Digital Photography I, II (0.5 credit) • Exploring Graphic Arts (0.5 credit) • Foundations of Manufacturing (3.0 credits) • Graphic Design Intro, I, II, III (0.5 credit each) • NJROTC 1 – 4 (1.0 credit each) • Robotics Tech (1.0 credit) • Robotics Tech I, II (0.5 credit each) • Mechatronics (1.0 credit) (formerly called Robotics and Mechatronics) • Technical Theatre I, II, III (1.0 credit each) • Video Game Design & Programming 1 (1.0 credit) • Video Production I, II, III (1.0 credit each) • AVID 12 or CCRS or Career Choices (0.5 credit)
Health Sciences <ul style="list-style-type: none"> • Anatomy & Physiology (1.0 credit) • Biotechnology (1.0 credit) • Fundamentals of Patient Care (1.0 credit) • Health Science & Medical Terminology (1.0 credit) • Introduction to Patient Care (formerly called Home Care Aide) (0.5 credit) • Intro to Health Care Careers (0.5 credit) • Intro to Health Science Careers (1.0 credit) • Medical Careers Internship (1.0 credit) • Medical Terminology (0.5 credit) • Sports Medicine I, II, III (0.5 credit each) • AVID 12 or CCRS or Career Choices (0.5 credit) 	
STEM <ul style="list-style-type: none"> • AP Physics (1.0 credit) • Astronomy & Aerospace Engineering (1.0 credit) • Biomanufacturing (1.0 credit) • Comm & Infor Internship (0.5 credit) • Computer Tech (0.5 credit taken in middle school) • Coordinated Science (1.0 credit taken in 8th grade) • Engineer Your World (1.0 credit) • Physics in the Universe (1.0 credit) • AVID 12 or CCRS or Career Choices (0.5 credit) 	
Skill Center Programs <ul style="list-style-type: none"> • Sno-Isle (3.0 credit) • RAP (3.0) 	

Local Career & Technical Education (CTE) Pathways

Must earn **2.0 credits** in one of the following pathways

Pathway	Location(s)
Advertising Photography/Web Photographer (Manual approval required) <ul style="list-style-type: none"> Digital Photography I (0.50 credit) Digital Photography II (0.50 credit) Independent Living (0.50 credit) Nutrition & Food Prep 1 OR Nutrition & Food Prep 2 (0.50 credit) 	Cascade High School
Aerospace and Automation (Manual approval required) <ul style="list-style-type: none"> AP Computer Science Principles OR AP Computer Science A (1.00 credit) Astronomy and Aero Engineering OR ASTR101 Astronomy/ASTR150&The Planets (1.00 credit) 	Cascade High School H.M. Jackson High School
Agricultural Entrepreneurship <ul style="list-style-type: none"> Entrepreneurship (1.0 credit) Sustainable Agriculture (1.0 credit) 	H.M. Jackson High School
Art Director/Media Director/PR (Manual approval required) <ul style="list-style-type: none"> Business & Finance (0.50 credit) Digital Photography I (0.50 credit) Digital Photography II (0.50 credit) Video Production I (0.50 credit) 	Cascade High School
Athletic Training (Manual approval required) <ul style="list-style-type: none"> Foundations of Bus. & Mktg OR BUS150 Prin of Marketing (1.0 credit) Sports Medicine I (0.5 credit) Sports Medicine II OR Sports Medicine III (0.5 credit) 	Cascade High School Everett High School
Audio Visual Marketing (Manual approval required) <ul style="list-style-type: none"> BUS150 Prin of Marketing (1.0 credit) Video Production 1 (1.0 credit) 	Cascade High School
Biomedical Engineering/Health Science <ul style="list-style-type: none"> Anatomy & Physiology (1.0 credit) Engineer Your World (1.0 credit) 	Cascade High School Everett High School H.M. Jackson High School
Child Development-Health (Manual approval required) <ul style="list-style-type: none"> AP Psychology OR PSYCH101 AP Psychology (1.0 credit) Intro to Health Science Careers (1.0 credit) 	Everett High School H.M. Jackson High School
Computer Science Engineer (Manual approval required) <ul style="list-style-type: none"> Introduction to Programming I (0.50 credit) Microsoft Office User Specialist (0.50) Physics in the Universe OR AP Physics I OR PHYS&114 Physics I (1.00 credit) 	H.M. Jackson High School
Digital Media Marketing <ul style="list-style-type: none"> Digital Photography I (0.5 credit) Digital Photography II (0.5 credit) Foundations of Business & Marketing (1.0 credit) 	Cascade High School Everett High School H.M. Jackson High School

Pathway	Location(s)
Educational Services (Manual approval required) <ul style="list-style-type: none"> • EDUC&202 Intro to Education (1.0 credit) • BUS150 Prin of Marketing OR Foundations of Bus & Mkting (1.0 credit) 	Cascade High School Everett High School H.M. Jackson High School
Engineering Business (Manual approval required) <ul style="list-style-type: none"> • Foundations of Business & Mkting OR BUS150 Prin of Marketing (1.00 credit) • Physics in the Universe OR AP Physics I (1.00 credit) 	Everett High School
Engineering and Health Science <ul style="list-style-type: none"> • Anatomy & Physiology (1.0) • Engineer Your World (1.0 credit) 	Cascade High School Everett High School H.M. Jackson High School
Entrepreneurship (Manual approval required) <ul style="list-style-type: none"> • Business & Finance (0.50 credit) • Business Operations/School Store (0.50 credit) • Digital Photography I (0.50 credit) • Digital Photography II (0.50 credit) 	Cascade High School
Family & Community Services (Manual approval required) <ul style="list-style-type: none"> • AP Psychology (0.5 credit) • Microsoft Office User Specialist (0.5 credit) • EDUC&202 Intro to Education (1.0 credit) 	H.M. Jackson High School
Family Health Services (Manual approval required) <ul style="list-style-type: none"> • Business & Finance (0.5 credit) • Independent Living (0.5 credit) • Nutrition & Wellness (0.5 credit) • Sports Medicine I OR Sports Medicine II OR Sports Medicine III (0.5 credit) 	Cascade High School
Health (Manual approval required) <ul style="list-style-type: none"> • Family Health (0.5 credit) • Intro to Health Science Careers (1.0 credit) • Microsoft Office User Specialist (0.50 credit) 	H.M. Jackson High School
Health Science: Medical Careers (Manual approval required) <ul style="list-style-type: none"> • Anatomy & Physiology (1.0 credit) • Family Health (0.5 credit) • Intro to Health Science Careers (0.5 credit) 	Everett High School H.M. Jackson High School
Health Services (Manual approval required) <ul style="list-style-type: none"> • Family Health (0.5 credit) • Intro to Health Science Careers (0.5 credit) • Sports Medicine I (0.5 credit) • Sports Medicine II (0.5 credit) 	Everett High School
Information Support and Services & Restaurants and Food & Beverage Services (Manual approval required) <ul style="list-style-type: none"> • Career Choices OR CCRS (0.50 credit) • Microsoft Office User Specialist (0.50 credit) • Nutrition & Food Prep I (0.5 credit) • Nutrition & Food Prep II (0.5 credit) 	H.M. Jackson High School Sequoia High School
Information Support/Engineering Technology (Manual approval required) <ul style="list-style-type: none"> • Career Choices OR CCRS (0.50 credit) (0.50 credit) • Microsoft Office User Specialist (0.50 credit) • Physics in the Universe OR AP Physics I OR PHYS&114 AP Physics I (1.0 credit) 	H.M. Jackson High School Sequoia High School

Pathway	Location(s)
Information Support and Services & Teaching and Training (Manual approval required) <ul style="list-style-type: none"> Career Choices OR CCRS (0.50 credit) Microsoft Office User Specialist (0.50 credit) EDUC&202 Intro to Education (1.00 credit) 	H.M. Jackson High School
Medical Designer/Health Science <ul style="list-style-type: none"> Anatomy & Physiology (1.0 credit) Graphic Design I (0.5 credit) Graphic Design II (0.5 credit) 	Cascade High School H.M. Jackson High School
Medical Lab Science (Manual approval required) <ul style="list-style-type: none"> AP Computer Science A OR CSE121 AP Computer Science A (1.0 credit) Biotechnology (1.0 credit) 	Cascade High School Everett High School H.M. Jackson High School
Medical Photography <ul style="list-style-type: none"> Anatomy & Physiology (1.0 credit) Digital Photography I (0.5 credit) Digital Photography II (0.5 credit) 	Cascade High School Everett High School H.M. Jackson High School
Military Computer Systems Programmer (Manual approval required) <ul style="list-style-type: none"> AP Computer Science A (1.0 credit) NJROTC 1 OR NJROTC 2 OR NJROTC 3 OR NJROTC 4 (1.0 credit) 	Everett High School
Natural Resources/Health Science <ul style="list-style-type: none"> AP Environmental Science (1.0 credit) Biotechnology (1.0 credit) 	Cascade High School Everett High School H.M. Jackson High School Sequoia High School
Natural Resources/Health Science <ul style="list-style-type: none"> Biology and the Environment (1.0 credit) Biotechnology (1.0 credit) 	Cascade High School (Manual approval required) Sequoia High School
Nutritional Aide (Manual approval required) <ul style="list-style-type: none"> Business & Finance (0.5 credit) AP Psychology or Child Development (0.50 credit) Nutrition & Food Prep 1 OR Nutrition & Food Prep 2 (0.50 credit) Nutrition & Wellness (0.5 credit) 	Cascade High School
Personal Trainer (Manual approval required) <ul style="list-style-type: none"> Anatomy & Physiology (1.0 credit) Career Choices OR CCRS (0.5 credit) Family Health (0.5 credit) 	Cascade High School Everett High School
Photography/Social Media (Manual approval required) <ul style="list-style-type: none"> Digital Photography I (0.5 credit) Digital Photography II (0.5 credit) Nutrition & Food Prep 1 OR Nutrition & Food Prep 2 (0.50 credit) Video Production I (0.50 credit) 	Cascade High School
Technical Theater Design (Manual approval required) <ul style="list-style-type: none"> Foundations of Bus & Mktg OR BUS150 Prin of Marketing (1.0 credit) Technical Theatre I (1.0 credit) 	Everett High School H.M. Jackson High School

Detailed CTE Pathway Course List in Docushare: <https://shorturl.at/bt9Rz>

Cognos Report for Graduation Pathway Review: [Cognos > Team Content > On Time Graduation > Success Coordinators > CTE Breakdown Report](#) (will not include manual approval pathways)