

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) CCRS or Career Choices or AVID 12 (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) CCRS or Career Choices or AVID 12 (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) CCRS or Career Choices or AVID 12 (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) CCRS or Career Choices or AVID 12 (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) CCRS or Career Choices or AVID 12 (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) CCRS or Career Choices or AVID 12 (0.5 credit) 	
Skill Center Programs <ul style="list-style-type: none"> Sno-Isle (3.0 credit) 	

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Advertising Photographer/Web Photographer (CHS) <i>(Manual approval required)</i> <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) 	Digital Media Marketing (CHS, EHS, JHS) <ul style="list-style-type: none"> Digital Photography 1 (0.5 credit) Digital Photography 2 (0.5 credit) Foundations of Business & Marketing (1.0 credit)
Aerospace and Automation (CHS, JHS) <i>(Manual approval required)</i> <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) 	Educational Services (CHS, EHS, JHS) <i>(Manual approval required)</i> <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)
Agricultural Entrepreneurship (JHS) <ul style="list-style-type: none"> Entrepreneurship (1.0 credit) Sustainable Agriculture (1.0 credit) 	Engineering Business (EHS) <i>(Manual approval required)</i> <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)
Art Director/Media Director/PR (CHS) <i>(Manual approval required)</i> <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) 	Engineering and Health Science (CHS, EHS, JHS) <ul style="list-style-type: none"> Anatomy & Physiology (1.0 credit) Engineer Your World (1.0 credit)
Athletic Training (CHS, EHS) <i>(Manual approval required)</i> <ul style="list-style-type: none"> Foundations of Bus. & Mkting OR BUS150 Prin of Marketing (1.0 credit) Sports Medicine I (0.5 credit) Sports Medicine II OR III (0.5 credit) 	Entrepreneurship (CHS) <i>(Manual approval required)</i> <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)
Audio Visual Marketing (CHS) <i>(Manual approval required)</i> <ul style="list-style-type: none"> BUS150 Prin of Marketing (1.0 credit) Video Production 1 (1.0 credit) 	Family & Community Services (JHS) <i>(Manual approval required)</i> <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)
Biomedical Engineering/Health Science (CHS, EHS, JHS) <ul style="list-style-type: none"> Anatomy & Physiology (1.0 credit) Engineer Your World (1.0 credit) 	Family Health Services (CHS) <i>(Manual approval required)</i> <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 II OR III (0.5 credit)
Child Development-Health (EHS, JHS) <i>(Manual approval required)</i> <ul style="list-style-type: none"> AP Psychology OR PSYCH101 AP Psychology (1.0 credit) Intro to Health Science Careers (1.0 credit) 	Health (JHS) <i>(Manual approval required)</i> <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)
Computer Science Engineer (JHS) <i>(Manual approval required)</i> <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) 	Health Science: Medical Careers (EHS, JHS) <i>(Manual approval required)</i> <ul style="list-style-type: none"> Anatomy & Physiology (1.0 credit) Family Health (0.5 credit) Intro to Health Science Careers (0.5 credit)

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Health Services (EHS) (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) 	Military Computer Systems Programmer (EHS) (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)
Information Support/Engineering Technology (JHS, SHS) (Manual approval required) <ul style="list-style-type: none"> Career Choices (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) 	Natural Resources/Health Science (CHS, EHS, JHS, SHS) <ul style="list-style-type: none"> AP Environmental Science (1.0 credit) Biotechnology (1.0 credit)
Information Support and Services & Teaching and Training (JHS) (Manual approval required) <ul style="list-style-type: none"> Career Choices OR CCRS OR AVID 12 (0.50 credit) Microsoft Office User Specialist (0.50 credit) EDUC&202 Intro to Education (1.00 credit) 	Natural Resources/Health Science (CHS, EHS, JHS, SHS) (Manual approval required) <ul style="list-style-type: none"> Biology and the Environment (1.0 credit) Biotechnology (1.0 credit)
Information Support and Services & Restaurants and Food & Beverage Services (JHS, SHS) (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) 	Nutritional Aide (CHS) (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 2 (0.50 credit) Nutrition & Wellness (0.5 credit)
Medical Designer/Health Science (CHS, JHS) <ul style="list-style-type: none"> Anatomy & Physiology (1.0 credit) Graphic Design 1 (0.5 credit) Graphic Design 2 (0.5 credit) 	Personal Trainer (CHS, EHS, JHS) (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)
Medical Lab Science (CHS, EHS, JHS) (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) 	Photography/Social Media (CHS) (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)
Medical Photography (CHS, EHS, JHS) <ul style="list-style-type: none"> Anatomy & Physiology (1.0 credit) Digital Photography 1 (0.5 credit) Digital Photography 2 (0.5 credit) 	Technical Theater Design (EHS, JHS) (Manual approval required) <ul style="list-style-type: none"> Foundations of Bus & Mkting OR BUS150 Prin of Marketing (1.0 credit) Technical Theatre I (1.0 credit)

Additional Local Pathways, not submitted to OSPI

Pathways listed below cannot be submitted to OSPI due to the courses not originating in the same building, many include courses taken in middle school. Manual department review and approval required.

Agribusiness Systems (local pathway #729) <ul style="list-style-type: none"> Biology and the Environment OR AP Environmental Science OR ENVS&101 AP Environmental Science (1.0 credit) Microsoft Office User Specialist (0.5 credit) Digital Manufacturing (0.5 credit) 	Game Design (local pathway #2345) <ul style="list-style-type: none"> Introduction to Programming (0.5 credit) Microsoft Office User Specialist (0.5 credit) Video Game Design & Programming (1.0 credit)
Audio Visual Marketing (local pathway #1816) <ul style="list-style-type: none"> Video Production I OR II OR III (1.0 credit) Microsoft Office User Specialist (0.5 credit) Digital Manufacturing (0.50 credit) 	Game Developer (local pathway #1836) <ul style="list-style-type: none"> Digital Manufacturing (0.50 credit) Microsoft Office User Specialist (0.5 credit) Introduction to Programming (0.5 credit) Video Game Design & Programming (0.5 credit)
Business & Design (local pathway #2374) <ul style="list-style-type: none"> Graphic Design Intro, I, II, III OR AP Drawing OR AP 2-D Drawing OR AP 3-D Drawing (1.0 credit) Microsoft Office User Specialist (0.5 credit) Digital Manufacturing (0.5 credit) 	Graphic Publications/Graphic Arts (local pathway #1645) <ul style="list-style-type: none"> Digital Photography I OR II (0.50 credit) Microsoft Office User Specialist OR Digital Manufacturing (0.50 credit) Video Production I OR II OR III (1.0 credit)
Commercial Art (local pathway #94) <ul style="list-style-type: none"> Graphic Design Intro, I, II, III OR AP Drawing OR AP 2-D Drawing OR AP 3-D Drawing (1.0 credit) Accounting I, II (1.0 credit) 	Health (local pathway #2179) <ul style="list-style-type: none"> Digital Manufacturing (0.50 credit) Family Health (0.5 credit) Nutrition & Wellness (0.5 credit) Microsoft Office User Specialist (0.5 credit)
Computer Game Design (local pathway #1204) <ul style="list-style-type: none"> AP Computer Science A OR AP Computer Science Principles OR CSE 121 AP Computer Science A (1.0 credit) Microsoft Office User Specialist (0.5 credit) Video Game Design & Programming (0.5 credit) 	Health Sciences (local pathway #2192) <ul style="list-style-type: none"> Digital Manufacturing (0.50 credit) Sports Medicine I or II (0.5 credit) Nutrition & Wellness (0.5 credit) Microsoft Office User Specialist (0.5 credit)
Computer Science: Software Engineering (local pathway #570) <ul style="list-style-type: none"> Introduction to Programming I (0.5 credit) Introduction to Programming II (0.5 credit) Video Game Design & Programming (1.0 credit) 	Health Science Informatics (local pathway #2093) <ul style="list-style-type: none"> Digital Manufacturing (0.5 credit) Intro to Health Sci Careers (1.0 credit) Microsoft Office User Specialist (0.5 credit)
Early Childhood Services (local pathway #1797) <ul style="list-style-type: none"> Child Development OR AP Psychology OR PSYCH101 AP Psychology (1.0 credit) Microsoft Office User Specialist (0.5 credit) Digital Manufacturing (0.5 credit) 	Information Support and Services & National Security (local pathway #2437) <ul style="list-style-type: none"> Introduction to Programming I or II (0.5 credit) Microsoft Office User Specialist OR Digital Manufacturing (0.5 credit) NJROTC 1 OR NJROTC 2 OR NJROTC 3 OR NJROTC 4 (1.0 credit)
Food Service Management (local pathway #651) <ul style="list-style-type: none"> Business & Finance (0.5 credit) Nutrition & Wellness (0.5 credit) Independent Living (0.5 credit) Microsoft Office User Specialist OR Digital Manufacturing (0.5 credit) 	Information Support and Services & Public Management and Administration (local pathway #2020) <ul style="list-style-type: none"> Career Choices OR CCRS OR AVID 12 (0.5 credit) Microsoft Office User Specialist OR Digital Manufacturing (0.5 credit) NJROTC 1 OR NJROTC 2 OR NJROTC 3 OR NJROTC 4 (1.0 credit)

Additional Local Pathways, not submitted to OSPI

Pathways listed below cannot be submitted to OSPI due to the courses not originating in the same building, many include courses taken in middle school. Manual department review and approval required.

Marketing/Advertising (local pathway #508) <ul style="list-style-type: none"> • Business & Finance (0.50 credit) • Digital Photography I (0.5 credit) • Digital Photography II (0.5 credit) • Foundations of Bus. & Mkting (0.50 credit) 	Teaching (local pathway #1529) <ul style="list-style-type: none"> • Digital Manufacturing (0.50 credit) • Intro to Education OR EDUC&202 Intro to Education (1.0 credit) • Microsoft Office User Specialist (0.5 credit)
Media Technology (local pathway #2258) <ul style="list-style-type: none"> • AP Computer Science A OR AP Computer Science Principles OR CSE 121 AP Computer Science A (1.0 credit) • Microsoft Office User Specialist OR Digital Manufacturing (0.50 credit) • Video Production I OR II OR III (0.5 credit) 	Theater Technology Accounting (local pathway #1184) <ul style="list-style-type: none"> • Accounting I (0.5 credit) • Accounting II (0.5 credit) • Technical Theatre I, II, or III (1.0 credit)
Medical Billing Specialist (local pathway #789) <ul style="list-style-type: none"> • Accounting I (0.5 credit) • Accounting II (0.5 credit) • Intro to Health Sci Careers (0.5 credit) • Microsoft Office User Specialist (0.50 credit) 	TV Broadcasting (local pathway #2145) <ul style="list-style-type: none"> • Business & Finance (0.50 credit) • Microsoft Office User Specialist OR Digital Manufacturing (0.50 credit) • Video Production I OR II OR III (1.0 credit)
Restaurant & Food Services Management (local pathway #1185) <ul style="list-style-type: none"> • Accounting I (0.5 credit) • Accounting II (0.5 credit) • Nutrition & Food Prep I (0.5 credit) • Nutrition & Food Prep II (0.5 credit) 	Visual Arts/Design (local 1482) <ul style="list-style-type: none"> • Digital Photography I (0.50 credit) • Digital Photography II (0.50 credit) • Microsoft Office User Specialist OR Digital Manufacturing (0.50 credit) • Video Production I OR II OR III (0.50 credit)
Restaurant & Food Services Management (local pathway #331) <ul style="list-style-type: none"> • Nutrition & Food Prep I, II (1.0 credit) • Business Operations/School Store (1.00 credit) 	Visual Art Design (local pathway #348) <ul style="list-style-type: none"> • Digital Photography I (0.5 credit) • Digital Photography II (0.5 credit) • Video Production I (0.5 credit) • Web Design (0.5 credit)
Restaurant/Hospitality/Retail (local pathway #567) <ul style="list-style-type: none"> • Nutrition & Wellness (0.5 credit) • Microsoft Office User Specialist OR Digital Manufacturing (0.5 credit) • Business Operations/School Store (1.00 credit) 	Visual Arts & Technology (local pathway #105) <ul style="list-style-type: none"> • Digital Photography I (0.5 credit) • Digital Photography II (0.5 credit) • Microsoft Office User Specialist (0.50 credit) • Digital Manufacturing (0.5 credit)
Sports Med/Health Services (local pathway #1761) <ul style="list-style-type: none"> • Digital Manufacturing (0.50 credit) • Microsoft Office User Specialist (0.5 credit) • Sports Medicine I (0.5 credit) • Sports Medicine II (0.5 credit) 	

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

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