# Stanwood-Camano School District

# 2022-2023

# Career & Technical Education

# Pathways Guide

Knights Port Susan Middle School

Stanwood Middle School

Stanwood Camano School District

Lincoln Hill High School Lynx Lincoln Academy

Stanwood Spartans

**CAREER CONNECTED LEARNING**

**CREATE AND MAKE**

**HANDS ON TRAINING**

**LEADERSHIP DEVELOPMENT**

**OPTIONS FOR CAREERS AND COLLEGE**

**REAL WORLD SKILLS**

**STEM PROJECTS VOCATIONAL TRADES**

## WHAT IS CAREER & TECHNICAL EDUCATION?

Hands-on learning, real-life skills and career exploration. Career and Technical Education (CTE - formerly referred to as vocational education) prepares students for life and a career after high school. Apprenticeships, technical schools, community colleges, military or four-year universities are options that can be explored in our courses. Science, technology, engineering, and mathematics (STEM) concepts are taught in many of our CTE courses and include a blend of academic, technical and trade skills. Many CTE courses offer college credit through CTE Dual Credit programs.

**STANWOOD-CAMANO SCHOOL DISTRICT CTE PROGRAM AREAS:**

**AGRICULTURE EDUCATION**

**AMERICAN SIGN LANGUAGE (ASL)**

**BUSINESS & MARKETING EDUCATION**

**FAMILY & CONSUMER SCIENCES/ CULINARY ARTS**

**FIRE SERVICE TECHNOLOGY**

**HEALTH SCIENCES**

**ENGINEERING & DESIGN**

**WOODWORKING & CONSTRUCTION**

**VISUAL COMMUNICATIONS**

**WORK SITE LEARNING**

## WHAT IS OUR VISION & MISSION?

Students leave the Stanwood CTE Programs with marketable employability skills and levels of academic qualifications which allow them to choose among high-demand careers or pursue additional education/ training.

Our CTE mission is to prepare all learners for successful roles in families, careers and communities.

CTE courses provide a variety of opportunities for students to explore their career interests while developing academic, technical, leadership, and practical skills in areas that are highly relevant to students and highly valued by employers and colleges in our region. In addition, CTE courses provide students:

- 21st Century Skill training
- Access to State of the Art Technologies
- Real World Projects and Activities
- Student Leadership Clubs including FBLA, TSA, FFA, SkillsUSA, and Sports Medicine Association
- Skill Competitions at the local, regional, state, and national levels
- Career and College Exploration and Connections
- Opportunities for Innovation and Creativity

# 24 CREDITS

## CAREER-AND-COLLEGE READY GRADUATION REQUIREMENTS

| 17 CORE CREDITS | + | 3 PERSONAL PATHWAY CREDITS | + | 4 ELECTIVE CREDITS |
|---|---|---|---|---|
| ENGLISH 4 credits<br>MATH 3 credits<br>• *ALGEBRA*<br>• *GEOMETRY*<br>• *3rd Year Math*<br>SCIENCE 3 credits<br>SOCIAL STU. 3 credits<br>• *World History*<br>• *US History*<br>• *CWP/Civics*<br>HEALTH & FITNESS:<br>• *Health 0.5 credit*<br>• *PE 1.5 credits*<br>CTE 1 credit<br>Art 1 credit | | 3 Credits that lead to a specific post-secondary career or educational goal chosen by the student as part of their High School & Beyond Plan<br>Options Include:<br>• 2 World Language<br>• 1 Additional Art<br>• Career & Technical Ed.<br>Or any combination of classes that relate to a student's specific goal. | | 4 additional credits in any area of study. The intent is to allow students to explore opportunities<br><br>Options Include:<br>• Additional Language<br>• Additional Art<br>• CTE Courses<br>• Additional Math or Science<br>• Psychology<br>• Additional PE<br>• And Much More |

## COURSE EQUIVALENCY

The current rule change to WAC 180-51-067 allows school districts to grant equivalency credit for courses offered in high schools. Students who take a CTE-equivalency course may satisfy graduation requirements in other content areas while earning 1.0 credit for a yearlong course or 0.5 credit for a semester course. For a list of current approved course equivalencies, please visit the CTE section of the Stanwood-Camano School District website at https://cte.stanwood.wednet.edu/. Career and Technical Education equivalencies are noted in the CTE program sections in this handbook.

Check with your high school counselor or college admission offices to make sure the course will be accepted for admission purposes. NCAA Requirements: Potential D1 or D2 athletes should check with their counselors annually regarding which equivalency credits have been approved by the NCAA.

# CAREER AND TECHNICAL EDUCATION GRADUATION PATHWAYS

Recent changes in state graduation requirements provides students the option to meet state Math and English/ Language Arts testing requirements by completing a two credit sequence in an approved CTE program area that provides opportunities to earn college credit and /or an approved industry recognized certification and lead directly to employment or an articulated college or apprenticeship program.

Coursework must equal two credits with the CTE program area and ONE of the courses must have the Dual Credit or approved industry certification designation. (*) The CTE pathway must be reflected in the student's High School and Beyond Plan. To complete a CTE Sequence of Courses to meet the Graduation Pathway Requirement, students may select at least 2 credits from the list courses in the pathway that aligns to their High School & Beyond Plan.

## Agriculture Education Program

**Animal Systems Sequence:**

Animal Science
Veterinary Science*

**Plant Systems Sequence:**

Horticulture*
Floriculture & Greenhouse
Landscape & Nursery Pro.

**Natural Resource Systems Sequence:**

Natural Resources

**Power, Structural & Tech. Systems Sequence:**

Mech Tech *1
Mech Tech 2*

## American Sign Language Program Sequence

American Sign Language (ASL) 1
American Sign Language (ASL) 2*

## Business & Marketing Program

**Business & Marketing Sequence:**

Intro to Business (.5 Credit)*
Intro to Marketing (.5 Credit)
Law & Justice
Accounting*
Personal Finance*
Business English
Microsoft Academy*

**Visual Communications & Technology Sequence:**

Digital Design*
Multimedia 1*
Multimedia 2*
Game Design/ Computer Programming*
Advanced Computer Programming*

**Leadership Sequence:**

Leadership 1
Leadership 2
Leadership 3
Leadership 4

## Core Plus Manufacturing Program Sequence

Core Plus 1 (LHHS)*
Core Plus 2 (LHHS)*

## Construction & Woodworking Program Sequence

Beginning Woodworking
Woodworking*
Construction Geometry
RAP Construction* (3 credits)

## Culinary Arts Program Sequence

Intro to Culinary Arts*
Advanced Culinary Arts*

## Fire Service Program Sequence

Fire Service 1* (3 credits)
Fire Service 2* (3 credits)

## Health Sciences Program Sequence

Introduction to Health Sciences
Sports Medicine 2
Sports Medicine Practicum
Medical Terminology*

## Photography & Publication Program Sequence

Photography 1*
Photography 2*
Yearbook

## STEM Sequence

Engineering Design 1*
Engineering Design 2*
CAD/CAM*
Robotics

**SYMBOL KEY:**

Fine Art Credit Available
Sr. English Credit Available
Science Credit Available
World Language Credit Available
Industry Certification Available
3rd Year Math Credit Available
College Credit Available

## CTE DUAL CREDIT

Many of the courses offered by the Stanwood-Camano Career & Technical Education Program offer CTE Dual Credit. For no or limited cost to the student, these courses allow the student to earn college credits at Everett Community College while still taking classes on campus. These credits can then be used in the pursuit of a post-secondary degree or certificate at Everett Community College or transferred to another institution for that purpose. Courses that offer CTE Dual Credit are noted in the CTE program sections in this handbook.

## INDUSTRY RECOGNIZED CREDENTIALS

Industry Recognized Credentials (IRC's) is a verification of a person's qualifications or competence in a particular industry. Industry-recognized credentials are valued in the labor market and are a validation of knowledge and skill. They can take many forms, including certifications, certificates, and licenses. Many of our CTE Courses offer students the opportunity to earn these credentials as part of the class and are noted in the CTE Program Sections of this handbook. Along with this, many of our CTE programs assist students in developing skills, so they can earn these credentials at a post-secondary training program.

## CAREER & TECHNICAL STUDENT LEADERSHIP

Career and Technical Student Organizations (CTSO's) are recognized as integral to the career and technical education program. CTSO's provide a unique program of career and leadership development, motivation and recognition for middle and high school students enrolled in career and technical programs. CTSO's are not "clubs" to which only a few career and technical students belong. Rather, a CTSO is a powerful instructional tool that works best when integrated into the career and technical curriculum and classroom by a career and technical instructor who is committed to the development of the total person, career and technical educators recognize the importance of providing students with job and career-related training that complements the job-specific skills needed for entry into a particular field. Our CTE Programs offer the following CTSO's. Please check with your instructor to learn more about the opportunities available to you.

FBLA

FFA

SkillsUSA

TSA TECHNOLOGY STUDENT ASSOCIATION

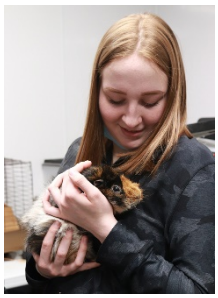
WCTSMA Washington Career & Technical Sports Medicine Association

# FIND YOUR PATH

| CAREER CLUSTER OF INTEREST | SUGGESTED PROGRAMS OF STUDY OFFERED |
|---|---|
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Agriculture, Food & Natural Resources | AGRICULTURE & APPLIED SCIENCE PROGRAM<br>SKILLED AND TECHNICAL SCIENCE PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Architecture & Construction | SKILLED AND TECHNICAL SCIENCE PROGRAM<br>STEM ENGINEERING & DESIGN PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Business Management & Administration | BUSINESS & MARKETING PROGRAM<br>ARTS, A/V TECHNOLOGY, & COMMUNICATIONS PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Education & Training | CAREERS IN EDUCATION PROGRAM<br>ARTS, A/V TECHNOLOGY, & COMMUNICATIONS PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Finance | BUSINESS & MARKETING PROGRAM<br>INFORMATION TECHNOLOGY PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Government & Public Administration | BUSINESS & MARKETING PROGRAM<br>INFORMATION TECHNOLOGY PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Hospitality & Tourism | CULINARY ARTS PROGRAM<br>BUSINESS & MARKETING PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Human Services | AMERICAN SIGN LANGUAGE PROGRAM<br>BUSINESS & MARKETING PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Health Science | HEALTH SCIENCES PROGRAM<br>AGRICULTURE & APPLIED SCIENCES PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Information Technology | INFORMATION TECHNOLOGY PROGRAM<br>ARTS, A/V TECHNOLOGY, & COMMUNICATIONS PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Law, Public Safety, Corrections & Security | FIRE SERVICE PROGRAM<br>BUSINESS & MARKETING PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Manufacturing | STEM ENGINEERING & DESIGN PROGRAM<br>SKILLED AND TECHNICAL SCIENCE PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Marketing | BUSINESS & MARKETING PROGRAM<br>ARTS, A/V TECHNOLOGY, & COMMUNICATIONS PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Science, Technology, Engineering & Mathematics | STEM ENGINEERING & DESIGN PROGRAM<br>SKILLED AND TECHNICAL SCIENCE PROGRAM |
| CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS<br>Transportation, Distribution & Logistics | STEM ENGINEERING & DESIGN PROGRAM<br>SKILLED AND TECHNICAL SCIENCE PROGRAM |

# AGRICULTURE & APPLIED SCIENCE

Agriculture Education courses at Stanwood High School provide students with the opportunity to explore and develop skills used in many industries. Through hands on, application-based instruction these courses allow students to learn in an environment that closely resembles the world of work. Agriculture Education is not just about farming. We offer courses in Agriculture Science (Applied Science), Horticulture, Animal & Veterinary Science, Natural Resources, and Mechanical Technology (welding, machining, small gas engines, etc).



| PATHWAY COURSES | GRADE | LENGTH | EQUIVALENCY/ REQUIREMENT MET | COLLEGE CREDIT | INDUSTRY CERT. |
|---|---|---|---|---|---|
| Science Explorations | 9 | 2 Semester | Lab Science | | |
| ANIMAL SCIENCE PATHWAY: | | | | | |
| Animal Science | 10-12 | 1 Year | Lab Science/ Biology | | |
| Veterinary Science | 10-12 | 1 Year | Lab Science | | |
| | | | | | |
| PLANT SCIENCE PATHWAY: | | | | | |
| Horticulture | 10-12 | 1 Year | Lab Science/ Biology | | |
| Floriculture & Greenhouse Production | 11-12 | 1 Year | Fine Arts | | |
| Landscape & Nursery Production | 11-12 | 1 Year | Lab Science | | |
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| NATURAL RESOURCES PATHWAY | | | | | |
| Natural Resources | 10-12 | 1 Year | Lab Science/ Biology | | |
| Natural Resources II | 10-12 | 1 Year | Lab Science | | |
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| Supervised Agricultural Experience | 9-12 | 1 Year | | | |
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# POST-SECONDARY PATHWAYS

| APPRENTICESHIPS CERTIFICATES/ COURSES | TWO YEAR DEGREES | FOUR YEAR DEGREES |
|---|---|---|
| **SCHOOLS/ PROGRAMS:**<br>• WA State Apprenticeship Programs<br>• Apprenticeship.Gov<br>• Career Bridge Apprenticeship List<br>• Veterinary Assistant Cert | **SCHOOLS:**<br>• Skagit Valley College<br>• Everett Community College<br>• Bellingham Technical College<br>• Walla Walla Community College<br>• Pima Medical Institute | **SCHOOLS:**<br>• Washington State University<br>• Western Washington University<br>• Central Washington University<br>• Eastern Washington University<br>• University of Washington |
| **SAMPLE JOBS:**<br>• Veterinary Assistant<br>• Kennel Worker<br>• Groomer<br>• Farmer<br>• Horticulturist<br>• Nursery/ Greenhouse Worker<br>• Fisher | **SAMPLE JOBS:**<br>• Veterinary Technician<br>• Wildlife Conservationist<br>• Laboratory Technician<br>• Civil Engineering Tech<br>• Butcher<br>• Winemaker/ Brew master<br>• Park Ranger | **SAMPLE JOBS:**<br>• Veterinarian<br>• Pharmaceutical Sales<br>• Biologist<br>• Landscape Design/ Architect<br>• Agronomist<br>• Forester<br>• Environmental Engineer |

**Additional Pathway Information Available at:**

- Washington Career Bridge, www.careerbridge.wa.gov
- Career Clusters, www.careertech.org/career-clusters
- Xello, https://xello.world

**The Following Stanwood HS Courses support exploration & development in all pathways:**

- Career Choices
- Microsoft Academy
- Worksite Learning
- Business English

# AMERICAN SIGN LANGUAGE (ASL) INTERPRETATION

| PATHWAY COURSES | GRADE | LENGTH | EQUIVALENCY/ REQUIREMENT MET | COLLEGE CREDIT | INDUSTRY CERT. |
|---|---|---|---|---|---|
| American Sign Language 1 | 9-12 | 1-Year | World Language | | |
| American Sign Language 2 | 9-12 | 1-Year | World Language | | |
| American Sign Language 2 | 9-12 | 1-Year | World Language | | |
| | | | | | |

## POST-SECONDARY PATHWAYS

| APPRENTICESHIPS CERTIFICATES/ COURSES | TWO YEAR DEGREES | FOUR YEAR DEGREES |
|---|---|---|
| **SCHOOLS/ PROGRAMS:**<br>• WA State Apprenticeship Programs<br>• Apprenticeship.Gov<br>• Career Bridge Apprenticeship List | **SCHOOLS:**<br>• Everett Community College<br>• Edmonds Community College<br>• Skagit Valley College<br>• South Seattle Community College | **SCHOOLS:**<br>• Central Washington University<br>• Eastern Washington University<br>• University of Washington |
| **SAMPLE JOBS:**<br>• | **SAMPLE JOBS:**<br>• Sign Language Interpreter<br>• Translator<br>• Tour Guide | **SAMPLE JOBS:**<br>• Sign Language Interpreter<br>• Translator<br>• Tour Guide<br>• Teacher<br>• Speech-Language Pathologist |

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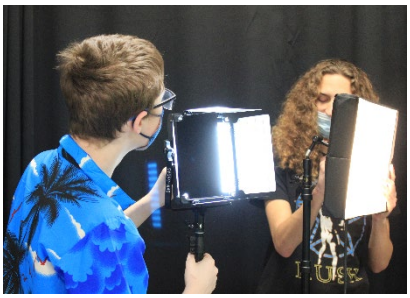
# BUSINESS, MARKETING, TECHNOLOGY, & VISUAL COMMUNICATIONS PROGRAM

## ARTS, A/V TECH AND COMMUNICATIONS PATHWAY



| PATHWAY COURSES | GRADE | LENGTH | EQUIVALENCY/ REQUIREMENT MET | COLLEGE CREDIT | INDUSTRY CERT. |
|---|---|---|---|---|---|
| **Computers (7 & 8)** *Offered at Port Susan Middle School | 7-8 | 1 Semester | | | |
| **Digital Effects** *Offered at Port Susan Middle School | 7-8 | 1 Semester | | | |
| **MS Multimedia** *Offered at Stanwood Middle School | 7-8 | 1 Semester | | | |
| **MS Web Design** *Offered at Stanwood Middle School | 7-8 | 1 Semester | | | |
| | | | | | |
| Digital Design 1 & 2 | 9-12 | 2 Semesters | Fine Arts | | Yes |
| Multimedia 1 | 9-12 | 1 Year | Fine Arts | | Yes |
| Multimedia 2 | 10-12 | 1 Year | Fine Arts | | Yes |
| Microsoft Academy | 9-12 | 1 Year | | | Yes |
| Photography | 9-12 | 1 Year | Fine Arts | | Yes |
| Photography 2 | 10-12 | 1 Year | Fine Arts | | Yes |
| Yearbook | 10-12 | 1 Year | Fine Arts | | Yes |
| Web Page Design | 9-12 | 1 Year | Fine Arts | | Yes |
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# POST-SECONDARY PATHWAYS

| APPRENTICESHIPS CERTIFICATES/ COURSES | TWO YEAR DEGREES | FOUR YEAR DEGREES |
|---|---|---|
| **SCHOOLS/ PROGRAMS:**<br>• WA State Apprenticeship Programs<br>• Apprenticeship.Gov<br>• Career Bridge Apprenticeship List | **SCHOOLS:**<br>• Everett Community College<br>• Edmonds Community College<br>• Skagit Valley School<br>• Bellingham Technical College<br>• Bellevue College | **SCHOOLS:**<br>• Central Washington University<br>• Eastern Washington University<br>• University of Washington<br>• Western Washington University<br>• Washington State University |
| **SAMPLE JOBS:**<br>• Web Developer<br>• Cloud Support Specialist<br>• Certified Video Engineer<br>• Sign Maker<br>• Special Effects Technician<br>• Film/ TV Crew<br>• Photographer<br>• DJ | **SAMPLE JOBS:**<br>• Film & Video Editor<br>• Audio & Video Technician<br>• Graphic Design<br>• Videographer<br>• Lighting Technician<br>• Technical Writer<br>• Commercial Photographer<br>• Digital Branding/ Marketing | **SAMPLE JOBS:**<br>• Graphic Designer<br>• Producer<br>• Multimedia Artist<br>• Animator<br>• UX Designer<br>• Augmented Reality Designer<br>• Game & Graphic Designer<br>• Art Director |

**Additional Pathway Information Available at:**

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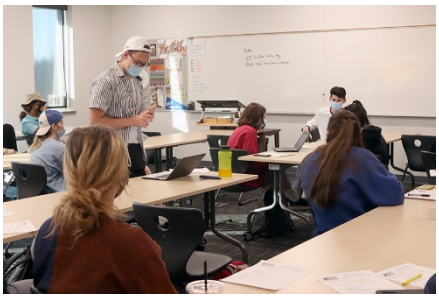
- Business English

# BUSINESS, MARKETING, TECHNOLOGY, & VISUAL COMMUNICATIONS PROGRAM

# BUSINESS & MARKETING PATHWAY



| PATHWAY COURSES | GRADE | LENGTH | EQUIVALENCY/ REQUIREMENT MET | COLLEGE CREDIT | INDUSTRY CERT. |
|---|---|---|---|---|---|
| Intro to Business & Entrepreneurship | 9-12 | 1 Semester | | Yes | |
| Intro to Marketing | 9-12 | 1 Semester | | | |
| Law & Justice 1 | 9-12 | 1 Semester | | | |
| Law & Justice 2 | 9-12 | 1 Semester | | | |
| Personal Finance | 10-12 | 1 Year | 3rd Year Math | Yes | |
| Accounting 1 | 9-12 | 1 Year | 3rd Year Math | Yes | |
| Student Leadership 1 | 9-12 | 1 Year | | | |
| Student Leadership 2 | 9-12 | 1 Year | | | |
| Student Leadership 3 | 11-12 | 1 Year | | | |
| Student Leadership 4 | 12 | 1 Year | | | |
| Business English | 11-12 | 1 Year | Sr. English | | |
| Microsoft Academy | 9-12 | 1 Year | | | Yes |
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| **SAMPLE JOBS:**<br>• Web Developer<br>• Secretary/ Receptionist<br>• Office Manager<br>• Retail Salesperson<br>• Office Assistant | **SAMPLE JOBS:**<br>• Customer Service Rep<br>• Sales Representative<br>• Paralegal<br>• Bookkeeper<br>• Medical Receptionist/ Billing | **SAMPLE JOBS:**<br>• Accountant<br>• Marketing Manager<br>• Financial Analyst<br>• Financial Planner<br>• Retail Buyer<br>• Human Resources Manager<br>• Controller<br>• Entrepreneur |

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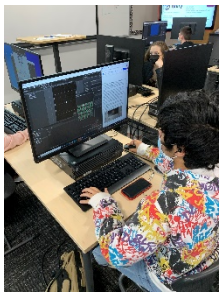
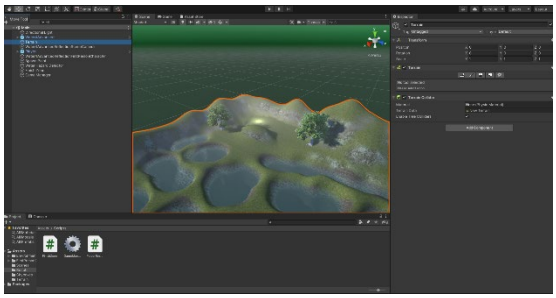
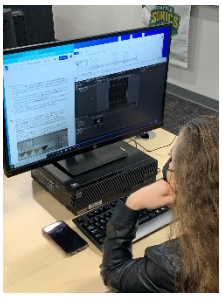
# INFORMATION TECHNOLOGY PATHWAY

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| **Digital Effects**<br>*Offered at Port Susan Middle School | 7-8 | 1 Semester | | | |
| **MS Multimedia**<br>*Offered at Stanwood Middle School | 7-8 | 1 Semester | | | |
| **MS Web Design**<br>*Offered at Stanwood Middle School | 7-8 | 1 Semester | | | |
| | | | | | |
| | | | | | |
| Computer Programming | 9-12 | 1 Semester | | | Yes |
| Game Design | 9-12 | 1 Semester | | | Yes |
| Advanced Computer Programming | 10-12 | 1 Year | Fine Arts | | Yes |
| Web Page Design | 9-12 | 1 Year | Fine Arts | | Yes |
| Technology Assistant Internship | 11-12 | 1 Year | | | |
| Microsoft Academy | 9-12 | 1 Year | | | Yes |
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| **SAMPLE JOBS:**<br>• Software Developer<br>• Web Developer<br>• Network Security<br>• Web Administrator<br>• IT Support<br>• Office Repair | **SAMPLE JOBS:**<br>• Information Security Analyst<br>• Computer Programmer<br>• Web Developer<br>• Digital Media Specialist<br>• Technical Writer<br>• Electronics Repair<br>• IT Support Specialist | **SAMPLE JOBS:**<br>• Software Engineer<br>• Computer & Information Research Scientist<br>• Database Administrator<br>• Video Game Developer<br>• Electronics Engineer<br>• Digital Animator<br>• Computer Scientist |

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# FAMILY & CONSUMER SCIENCE

# CULINARY ARTS PATHWAY

| PATHWAY COURSES | GRADE | LENGTH | EQUIVALENCY/ REQUIREMENT MET | COLLEGE CREDIT | INDUSTRY CERT. |
|---|---|---|---|---|---|
| **Home Ec**<br>*Offered at Port Susan Middle School | **7-8** | **1 Semester** | | | |
| **Family & Consumer Science**<br>*Offered at Stanwood Middle School | **7-8** | **1 Semester** | | | |
| | | | | | |
| **Intro to Culinary Arts** | **9-12** | **1 Year** | | | **Yes** |
| **Advanced Culinary Arts** | **10-12** | **1 Year** | | | **Yes** |
| **Culinary Arts 3** | **11-12** | **1 Year** | **3rd Year Science** | | **Yes** |

## POST-SECONDARY PATHWAYS

### APPRENTICESHIPS CERTIFICATES/ COURSES

**SCHOOLS/ PROGRAMS:**
- WA State Apprenticeship Programs
- Apprenticeship.Gov
- Career Bridge Apprenticeship List

**SAMPLE JOBS:**
- Food Preparation Worker
- Apprentice Meat Cutter
- Wait Staff
- Cook
- Host
- Kitchen Staff
- Dish Maintenance Operator

### TWO YEAR DEGREES

**SCHOOLS:**
- Everett Community College
- Edmonds Community College
- Skagit Valley School
- Bellingham Technical College
- Bellevue College

**SAMPLE JOBS:**
- Chef
- Baker
- Butcher
- Restaurant Manager
- Concierge
- Expeditor

### FOUR YEAR DEGREES

**SCHOOLS:**
- Central Washington University
- Eastern Washington University
- University of Washington
- Western Washington University
- Washington State University

**SAMPLE JOBS:**
- Dietician
- CTE Teacher
- Caterer
- Brewmaster/ Winemaker
- Event Planner
- Hotel Manager
- Kitchen Manager

**Additional Pathway Information Available at:**
- Washington Career Bridge, www.careerbridge.wa.gov
- Career Clusters, www.careertech.org/career-clusters

**The following courses support exploration & development:**
- Career Choices
- Worksite Learning
- Microsoft Academy
- Business English

# EDUCATION PATHWAY

| PATHWAY COURSES | GRADE | LENGTH | EQUIVALENCY/ REQUIREMENT MET | COLLEGE CREDIT | INDUSTRY CERT. |
|---|---|---|---|---|---|
| Careers In Education | 11-12 | 1 Year | | | Yes |
| Careers In Education 2 | 11-12 | 1 Year | | | Yes |
| Careers In Education Practicum | 11-12 | 1 Year | | | |
| | | | | | |

## POST-SECONDARY PATHWAYS

| APPRENTICESHIPS CERTIFICATES/ COURSES | TWO YEAR DEGREES | FOUR YEAR DEGREES |
|---|---|---|
| **SCHOOLS/ PROGRAMS:**<br>• WA State Apprenticeship Programs<br>• Apprenticeship.Gov<br>• Career Bridge Apprenticeship List | **SCHOOLS:**<br>• Everett Community College<br>• Edmonds Community College<br>• Skagit Valley College<br>• Whatcom Community College | **SCHOOLS:**<br>• Central Washington University<br>• Eastern Washington University<br>• University of Washington<br>• Washington State University<br>• Western Washington University |
| **SAMPLE JOBS:**<br>• Para Educator<br>• Teacher Assistant<br>• Coach<br>• Trainer | **SAMPLE JOBS:**<br>• Para Educator<br>• Tutor<br>• Dance/ Music Instructor<br>• Coach<br>• Computer Trainer<br>• Sports Instructor<br>• Library Technician | **SAMPLE JOBS:**<br>• Teacher (Elementary, Secondary, Post-Secondary)<br>• CTE Teacher<br>• Librarian<br>• School Counselor or Psychologist<br>• School Administrator<br>• Speech-Language Pathologist |

**Additional Pathway Information Available at:**

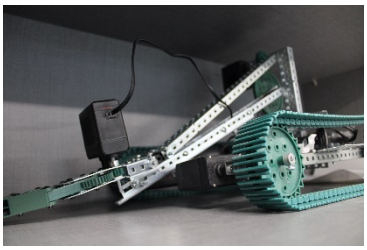
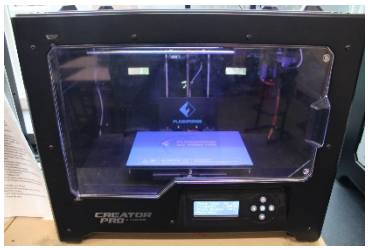
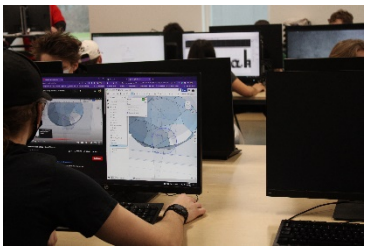
- Washington Career Bridge, www.careerbridge.wa.gov
- Career Clusters, www.careertech.org/career-clusters
- Xello, https://xello.world

**The Following Stanwood HS Courses support exploration & development in all pathways:**

- Career Choices
- Worksite Learning
- Microsoft Academy
- Business English

# ENGINEERING, DESIGN, & FABRICATION

This program provides students with the opportunity to explore careers and develop skills in the areas of Architecture, Engineering, Design, Manufacturing, and Robotics. Using state of the art software and equipment students will design, build, and test a variety of projects to help them develop industry recognized skills.

| PATHWAY COURSES | GRADE | LENGTH | EQUIVALENCY/ REQUIREMENT MET | COLLEGE CREDIT | INDUSTRY CERT. |
|---|---|---|---|---|---|
| **Applied Tech** *Offered at Port Susan Middle School | 7-8 | 1 Semester | | | |
| **Robotics** *Offered at Port Susan Middle School | 7-8 | 1 Semester | | | |
| **Woodworking & Design** *Offered at Stanwood Middle School | 7-8 | 1 Semester | | | |
| | | | | | |
| Engineering Design 1 | 9-12 | 1 Year | Fine Arts | Yes | |
| CAD/CAM | 10-12 | 1 Year | 3rd Year Math | Yes | Solidworks |
| Robotics | 11-12 | 1 Year | 3rd Year Science | | |
| Engineering Design 2 | 11-12 | 1 Year | Fine Arts | Yes | |

## POST-SECONDARY PATHWAYS

### APPRENTICESHIPS CERTIFICATES/ COURSES

**SCHOOLS/ PROGRAMS:**
- WA State Apprenticeship Programs
- Apprenticeship.Gov
- Career Bridge Apprenticeship List

**SAMPLE JOBS:**
- Machinist
- Industrial Maintenance Technician
- Equipment Repair
- Inventor
- Construction Worker
- Assembler

### TWO YEAR DEGREES

**SCHOOLS:**
- Everett Community College
- Edmonds Community College
- Skagit Valley School
- Bellingham Technical College
- Lake Washington Institute of Technology

**SAMPLE JOBS:**
- Technical Designer
- Manufacturing Technician
- Drafter
- CNC Tool Programmer
- Cost Estimator
- Engineering Technician
- Technical Sales

### FOUR YEAR DEGREES

**SCHOOLS:**
- Central Washington University
- Eastern Washington University
- University of Washington
- Western Washington University
- Washington State University

**SAMPLE JOBS:**
- Engineer
- Industrial Designer
- CTE Teacher
- Manufacturing Technician
- Construction Manager
- Architect
- Physicist

# FIRE SERVICE TRAINING

**The Stanwood-Camano School District offers the Fire Service Training program in cooperation with Camano Island Fire & Rescue. This program allows students the opportunity to develop the skills necessary for a career in Fire Service, Emergency Medical/ Paramedics, and many more related occupations.**

| PATHWAY COURSES | GRADE | LENGTH | EQUIVALENCY/ REQUIREMENT MET | COLLEGE CREDIT | INDUSTRY CERT. |
|---|---|---|---|---|---|
| Fire Service Training 1 | 11-12 | 3 credits | 3rd Year Science/ PE | Yes | Yes |
| Fire Service Training 2 | 12 | 3 credits | 3rd Year Science/ PE | Yes | Yes |
| | | | | | |
| | | | | | |

## POST-SECONDARY PATHWAYS

| APPRENTICESHIPS CERTIFICATES/ COURSES | TWO YEAR DEGREES | FOUR YEAR DEGREES |
|---|---|---|
| **SCHOOLS/ PROGRAMS:**<br>• WA State Apprenticeship Programs<br>• Apprenticeship.Gov<br>• Career Bridge Apprenticeship List<br>• Fire Academy<br>• Camano Island Fire & Rescue<br>• North County Fire | **SCHOOLS:**<br>• Everett Community College<br>• Edmonds Community College<br>• Skagit Valley School<br>• Bellingham Technical College | **SCHOOLS:**<br>• Central Washington University<br>• Eastern Washington University<br>• University of Washington |
| **SAMPLE JOBS:**<br>• Fire Fighter<br>• Rescue Worker<br>• Wildland Fire Fighter<br>• Ambulance Driver | **SAMPLE JOBS:**<br>• Emergency Medical Technician<br>• Fire Fighter<br>• Hazardous Materials Responder<br>• 911 Dispatcher<br>• Building Inspector | **SAMPLE JOBS:**<br>• Paramedic<br>• Fire Marshall<br>• Emergency Planning Manager<br>• Fire Inspector/ Investigator<br>• Fire Chief<br>• Explosives Specialist |

**Additional Pathway Information Available at:**

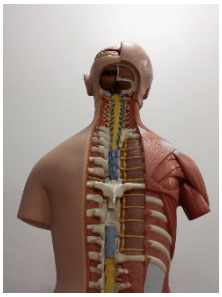
- Washington Career Bridge, www.careerbridge.wa.gov
- Career Clusters, www.careertech.org/career-clusters
- Xello, https://xello.world

**The Following Stanwood HS Courses support exploration & development in all pathways:**

- Career Choices
- Worksite Learning
- Microsoft Academy
- Business English

# HEALTH SCIENCES

This program is ideal for students interested in varied careers in healthcare such as Nursing, Medicine, Physical Therapy, Pharmacy, Respiratory Therapy, Diagnostic Imaging, and many others. Through hands on applications, students learn skills in Therapeutic Medicine as well as skills that translate across all health occupations. Through courses such as Medical Terminology, students gain valuable knowledge that gives them a leg up on the competition as they enter post-secondary training in the medical field.



| PATHWAY COURSES | GRADE | LENGTH | EQUIVALENCY/ REQUIREMENT MET | COLLEGE CREDIT | INDUSTRY CERT. |
|---|---|---|---|---|---|
| Introduction to Health Sciences | 9-12 | 1 Year | | | |
| Sports Medicine 2 | 10-12 | 1 Year | | | |
| Sports Medicine 2 Practicum | 11-12 | 1 Year | | | |
| Medical Terminology | 10-12 | 1 Year | 3rd Year Science | Yes | |

## POST-SECONDARY PATHWAYS

| APPRENTICESHIPS CERTIFICATES/ COURSES | TWO YEAR DEGREES | FOUR YEAR DEGREES |
|---|---|---|
| **SCHOOLS/ PROGRAMS:**<br>• WA State Apprenticeship Programs<br>• Apprenticeship.Gov<br>• Career Bridge Apprenticeship List | **SCHOOLS:**<br>• Everett Community College<br>• Edmonds Community College<br>• Skagit Valley School<br>• Bellingham Technical College<br>• Bellevue College | **SCHOOLS:**<br>• Central Washington University<br>• Eastern Washington University<br>• University of Washington<br>• Western Washington University<br>• Washington State University |
| **SAMPLE JOBS:**<br>• Medical Assistant<br>• Fitness Instructor<br>• Medical Secretary<br>• Personal Trainer<br>• Personal Care Aide<br>• Dental Assistant | **SAMPLE JOBS:**<br>• Medical Assistant<br>• Dental Hygienist<br>• Pharmacy Technician<br>• Physical Therapy Assistant<br>• Medical Receptionist/ Billing<br>• Lab Technician<br>• Massage Therapist | **SAMPLE JOBS:**<br>• Athletic Trainer<br>• Biomedical Engineer<br>• Doctor<br>• Nurse<br>• Counselor<br>• Pharmacist<br>• Researcher |

**Additional Pathway Information Available at:**

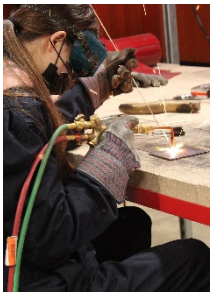
- Washington Career Bridge, www.careerbridge.wa.gov
- Career Clusters, www.careertech.org/career-clusters
- Xello, https://xello.world

**The Following Stanwood HS Courses support exploration & development in all pathways:**

- Career Choices
- Worksite Learning
- Microsoft Academy
- Business English

# SKILLED & TECHNICAL SCIENCES PROGRAM

## (AG MECHANICS/ WOODSHOP/ CONSTRUCTION/ MANUFACTURING)



| PATHWAY COURSES | GRADE | LENGTH | EQUIVALENCY/ REQUIREMENT MET | COLLEGE CREDIT | INDUSTRY CERT. |
|---|---|---|---|---|---|
| **Applied Tech**<br>*Offered at Port Susan Middle School | 7-8 | 1 Semester | | | |
| **Robotics**<br>*Offered at Port Susan Middle School | 7-8 | 1 Semester | | | |
| **Woodworking & Design**<br>*Offered at Stanwood Middle School | 7-8 | 1 Year | | | |
| | | | | | |
| Engineering Design 1 | 9-12 | 1 Year | Fine Arts | Yes | |
| Beginning Woodworking | 9 | 1 Year | | | |
| Advanced Woodworking | 10-12 | 1 Year | | | |
| Mechanical Technology 1 | 10-12 | 1 Year | | Yes | |
| Mechanical Technology 2 | 11-12 | 1 Year | | Yes | |
| Construction Geometry | 10-12 | 1 Year | Geometry | | |
| CAD/ CAM | 10-12 | 1 Year | 3rd Year Math | Yes | Yes |
| **CORE Plus 1**<br>*Offered at Lincoln Hill High School | 9-12 | 1 Year | 3rd Year Math/ Science | | Yes |
| **CORE Plus 2**<br>*Offered at Lincoln Hill High School | 9-12 | 1 Year | 3rd Year Math/ Science | | Yes |
| | | | | | |
| **RAP Architecture & Construction**<br>*Offsite Program at Marysville Pilchuck | 11-12 | 1 Year | 3rd Year Math & Science | Yes | Yes |
| **RAP Building Trade**<br>*Offsite Program at Marysville Pilchuck | 11-12 | 1 Year | 3rd Year Math & Science | Yes | Yes |

# POST-SECONDARY PATHWAYS

| APPRENTICESHIPS CERTIFICATES/ COURSES | TWO YEAR DEGREES | FOUR YEAR DEGREES |
|---|---|---|
| **SCHOOLS/ PROGRAMS:**<br>• WA State Apprenticeship Programs<br>• Apprenticeship.Gov<br>• Career Bridge Apprenticeship List | **SCHOOLS:**<br>• Everett Community College<br>• Edmonds Community College<br>• Skagit Valley School<br>• Bellingham Technical College<br>• Lake Washington Institute of Technology | **SCHOOLS:**<br>• Central Washington University<br>• Eastern Washington University<br>• University of Washington<br>• Western Washington University<br>• Washington State University |
| **SAMPLE JOBS:**<br>• Carpenter<br>• Equipment Operator<br>• Iron Worker<br>• CNC Operator<br>• Machinist<br>• Assembler<br>• Welder | **SAMPLE JOBS:**<br>• Equipment Operator<br>• CNC Programmer<br>• Carpenter<br>• Electrician<br>• Technician | **SAMPLE JOBS:**<br>• Construction Manager<br>• Manufacturing Engineer<br>• Project Manager<br>• Technician<br>• Architect<br>• CTE Teacher |

**Additional Pathway Information Available at:**

- Washington Career Bridge, www.careerbridge.wa.gov
- Career Clusters, www.careertech.org/career-clusters
- Xello, https://xello.world

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