Program vision » After completing core high school coursework, students have the opportunity to enter a career pathway and gain the academic, technical, and workplace knowledge and skills allowing for seamless continuation to postsecondary credentials. Students can then transition to the workplace or continue to pursue graduate programs.

- Aerospace & Advanced Manufacturing
- Energy & Sustainability
- Medical & Health Careers
- Information & Communication Technology
- Education Careers
- Business & Professional Services
# Career Pathway
## Readiness Opportunities

### Medical & Health Careers

#### School based learning
Career and technical education (CTE) courses as well as integration of career skills, knowledge and advising into district’s core courses.

<table>
<thead>
<tr>
<th>Core Courses</th>
<th>Exploratory Courses</th>
<th>Advanced Courses</th>
<th>Skill Center Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra 1 and 2</td>
<td>Anatomy and Physiology</td>
<td>AP Psychology</td>
<td>Pre-Nursing (NAC)</td>
</tr>
<tr>
<td>Biology in the Environment</td>
<td>Biotechnology</td>
<td>AP BIO</td>
<td>Medical Terminology</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Family Health</td>
<td>AP CHEM</td>
<td></td>
</tr>
<tr>
<td>Nutrition 1 and 2</td>
<td>AP Seminar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sports Medicine 1, 2 and 3</td>
<td>AP Physics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Science &amp; Medical Terms</td>
<td>AP Statistics</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Extended learning
Education that continues beyond the school day and that complements school based learning by improving academic performance, and inspiring students to discover their passions.

- Health Occupations Students of America (HOSA)
- Skills USA
- Washington Career Technical Sports Medicine Association (WCTSMA)

#### Work based learning
Often in partnership with industry/community professionals, learning experiences that engage students in acquiring and applying work-related knowledge and skills.

- Medical Careers Internship
- Sports Medicine Internship

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Document updated: Feb. 2020
**Pathways to Medical & Health Careers**

Medical and health careers are all about helping others lead health and productive lives. With the aging population and other factors, the number of people in need of care is growing quickly, meaning that the number of jobs in the medical field is forecast to grow.

**Apprenticeships**
- Dispensing Optician (Joint Apprenticeship and Training Committee)
- Medical/Dental Assistant (Washington Association of Community and Migrant Health Workers)

**Certificates**
- Clinical Lab Assistant
- EMT
- Health Unit Coordinator
- Nursing Assistant

**2-Year Programs**
- Dental Assistant
- Diagnostic Ultrasound
- Nutrition
- Physical Therapy Assistant

**4-Year Degrees**
- Nursing
- Kinesiology
- Psychology
- Biology

**Sample Careers in Our Region**
- Dispensing Optician
- Medical Assistants
- Dental Assistants

**Sample Careers in Our Region**
- Dental Assistants
- Massage Therapists
- Medical Assistants
- Phlebotomists
- Pharmacy Technician

**Sample Careers in Our Region**
- Dental Hygienists
- Occupational Therapy Assistants
- Physical Therapy Assistants
- Radiology Technician

**Sample Careers in Our Region**
- Occupational Therapists
- Registered Nurses
- Speech Pathologists
- Dentists
- Physical Therapist

**SKILLS**
- Social perception
- Service orientation
- Strong math & science skills
- Good decision-making
- Active listening

**TRANSFER**
- = Transfer degree only

**SALARIES**
- $ = Max $25/hr
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Document updated: Feb. 2020
**Career Pathway Readiness Opportunities**

**School based learning**
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<th>Skill Center Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra 1 and 2</td>
<td>CAD and 3D Printing (MS)</td>
<td>AP Physics</td>
<td>Electric Engineering Technology</td>
</tr>
<tr>
<td>Geometry</td>
<td>Astronomy and Aerospace Engineering</td>
<td>AP Capstone: Research in Science and Engineering</td>
<td>Precision Machining</td>
</tr>
<tr>
<td>Physics in the Universe</td>
<td>Engineering Your World</td>
<td></td>
<td>Welding and Metal Fabrication</td>
</tr>
<tr>
<td></td>
<td>Robotics</td>
<td></td>
<td>Foundations of Manufacturing</td>
</tr>
<tr>
<td></td>
<td>Mechatronics</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Extended learning**
Education that continues beyond the school day and that complements school based learning by improving academic performance, and inspiring students to discover their passions.

- Technology Student Association (TSA)
- Robotics (FRC/FTC/FLL/FLIJN/Drone League)
- SkillsUSA
- TARC - Team
- America Rocketry

**Work based learning**
Often in partnership with industry/community professionals, learning experiences that engage students in acquiring and applying work-related knowledge and skills.

- Engineering Manufacturing Internship
- Advanced Manufacturing Youth Apprenticeship

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Document updated: Feb. 2020
Pathways to Aerospace & Advanced Manufacturing Careers

People in aerospace and advanced manufacturing work with airplanes, robotics, 3-D printers, and other interesting tools. The number of people needed to fill jobs in this sector is growing rapidly, so there are many opportunities to get started.

**SKILLS**
- Troubleshooting
- Good writing skills
- Hands-on work
- Identifying problems
- Active listening

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<th>Exploratory Courses</th>
<th>Advanced Courses</th>
<th>Skill Center Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Art</td>
<td>Intro to Graphic Design</td>
<td>AP Studio Art (2D and 3D drawing)</td>
<td>Animation</td>
</tr>
<tr>
<td>English 1, 2 and 3</td>
<td>Digital Photography 1, 2 and 3</td>
<td>AP Computer Science Principles</td>
<td>Video Game Design</td>
</tr>
<tr>
<td>Algebra 1 and 2</td>
<td>Graphic Design 1, 2 and 3</td>
<td>AP Computer Science A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Publications 1, 2 and 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Technical Theater 1, 2, and 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Video Production 1, 2, and 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Web Design</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Exploring Computer Science</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Extended learning
Education that continues beyond the school day and that complements school based learning by improving academic performance, and inspiring students to discover their passions.

- Technology Student Association (TSA)
- Skills USA
- Robotics
- Information and Communication Technology Internship

### Work based learning
Often in partnership with industry/community professionals, learning experiences that engage students in acquiring and applying work-related knowledge and skills.

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Document updated: Feb. 2020
Pathways to Information & Communication Technology Careers

Information and communication technology jobs focus on digital tools, technology, and working with complex systems. This sector is particularly accessible through certificate programs, and the earning potential for many of the jobs in this sector is quite high.

**High School Opportunities**

- **Apprenticeships**
  - Database Administrator (Microsoft)
  - Windows System Administrator (Microsoft)
  - Web Developer (F5)

- **Sample Careers in Our Region**
  - Web Developer
  - Database Administrator
  - Windows System Administrator

- **Certificates**
  - A+ Certificate
  - Security+ Certificate
  - Network+

- **Sample Careers in Our Region**
  - Computer Equipment Installers and Repairers
  - Cybersecurity Analyst
  - Business Systems Analyst

- **2-Year Programs**
  - Business Information Technology
  - Network Technology Associate
  - Computer Security & Network Technology

- **Sample Careers in Our Region**
  - Website Developer
  - Computer Network Support
  - Help Desk Analyst
  - IT Specialist

- **4-Year Degrees**
  - Applied Computing
  - Computer Engineering
  - Software Engineering
  - Computer and Information Systems Security

- **Sample Careers in Our Region**
  - App Developers
  - Computer and Information Systems Managers
  - Network Architects

**SKILLS**
- Passion for technology
- Good writing skills
- Identifying problems
- Good decision-making
- Active listening

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# Career Pathway
## Readiness Opportunities

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## Core Courses
<table>
<thead>
<tr>
<th>Subject</th>
<th>Exploratory Courses</th>
<th>Advanced Courses</th>
<th>Skill Center Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology in the Environment</td>
<td>Environmental Systems Design</td>
<td>AP Environmental Science</td>
<td>Green Sustainable Design (summer)</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Engineering &amp; the World</td>
<td>AP Biology</td>
<td></td>
</tr>
<tr>
<td>Physics in the Universe</td>
<td></td>
<td>AP Chemistry</td>
<td></td>
</tr>
</tbody>
</table>

## Exploratory Courses
- Technology Student Association (TSA)
- Future Farmers of America (FFA)
- Environthon - Snohomish County

## Advanced Courses
- AP Capstone: Research in Science and Engineering

## Skill Center Courses
- Energy and Sustainability Internship

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Document updated: Feb. 2020
Energy and sustainability covers a variety of industries, from energy generation to fire prevention and agriculture. People in this field are often scientists in a lab, working hands-on in the field, and always working to facilitate energy production and sustainability.

**Apprenticeships**
- Energy Services (Cities of Ellensburg and Richland)
- Lineman/Meterman (Puget Sound Energy Company)
- Sprinkler Fitter (Inland Fire Protection, Inc.)

**Sample Careers in Our Region**
- Linemen
- Metermen
- Electrical Contractor

**Certificates**
- Landscape and Restoration Horticulture
- Urban Agriculture Systems
- Environmental Horticulture

**Sample Careers in Our Region**
- Heating, Air Conditioning, and Refrigeration Mechanics and Technicians

**2-Year Programs**
- Engineering
- Engineering Technology
- Biology

**Sample Careers in Our Region**
- Architectural and Civil Drafters
- Civil Engineering Technicians
- Chemical Technicians

**4-Year Degrees**
- Environmental Science
- Organic Agriculture Systems
- Energy Policy & Management

**Sample Careers in Our Region**
- Bioinformatics Scientist
- Biochemists
- Geoscientists
- Urban & Regional Planners

**SKILLS**
- Planning skills
- Identifying problems
- Strong math & science skills
- Strong reading skills
- Interest in environmental
- Interest in environmental science

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</tr>
</thead>
<tbody>
<tr>
<td>Childhood Development</td>
<td>Intro to Education</td>
<td>Careers in Education</td>
<td></td>
</tr>
</tbody>
</table>

### Extended learning

Education that continues beyond the school day and that complements school based learning by improving academic performance, and inspiring students to discover their passions.

- Educators Rising
- Family, Career and Community Leaders of America (FCCLA)

### Work based learning

Often in partnership with industry/community professionals, learning experiences that engage students in acquiring and applying work-related knowledge and skills.

- Educational Studies Internship

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*Document updated: Feb. 2020*
Pathways to Education Careers

Careers in education can impact students of all ages. The demand for teachers, para educators, councilors and administrators is high, especially for those with certification in areas including special education, science, math, and English language learners.

**SKILLS**
- Active listening
- Instructing
- Speaking
- Juggling priorities
- Sensitivity to problems
- Monitoring

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425-385-4000 • www.everettsd.org
Readiness Opportunities

Career Pathway

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<th>Advanced Courses</th>
<th>Skill Center Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra 1 and 2</td>
<td>Foundations of Business &amp; Marketing</td>
<td>AP Macroeconomics</td>
<td>Fashion Merchandising</td>
</tr>
<tr>
<td>Business Law</td>
<td>AP Microeconomics</td>
<td></td>
<td>Entrepreneurship (WANIC)</td>
</tr>
<tr>
<td>Economics</td>
<td>Business Operations</td>
<td></td>
<td>Personal Finance (WANIC)</td>
</tr>
<tr>
<td>Accounting 1</td>
<td>Accounting 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business &amp; Finance</td>
<td>Entrepreneurship</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Media Marketing</td>
<td>Marketing Operations</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Extended learning
Education that continues beyond the school day and that complements school based learning by improving academic performance, and inspiring students to discover their passions.

- DECA
- Future Business Leaders of America (FBLA)

Work based learning
Often in partnership with industry/community professionals, learning experiences that engage students in acquiring and applying work-related knowledge and skills.

- Business & Professional Services Internship

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Document updated: Feb. 2020
Business careers cover a variety of industries including finance, information technology, healthcare, hospitality, and marketing and retail. Depending on an individual's interests and skills, careers can be found at all levels, from entry level to management.

### SKILLS
- Active listening
- Identifying problems
- Seeing details up close
- Organizing information
- Communicate in writing

### TRANSFER
- = Transfer degree only

### SALARIES
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- $ $ $ = Max > $40/hr

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### High School Opportunities

#### Apprenticeships
- Not Available

#### Certificates
- Retail Management Certificate
- Administration Support Certificate
- Office Assistant Certificate

#### 2-Year Programs
- Associates in Business
- Business Management
- Entrepreneurship and Small Business
- Project Management
- Marketing and Sales

#### 4-Year Degrees
- Business and Administration
- Marketing
- Accounting
- Finance
- Human Resources

#### Sample Careers in Our Region
- Retail Store Manager $ $$
- Office Manager $ $
- Office Assistant $

#### Sample Careers in Our Region
- Sales Agent $ $
- Purchasing Agent $
- Product Promoter $
- Interior Designer $
- Advertising Agent $ $

#### Sample Careers in Our Region
- Agent and Business Managers $ $$$
- Accountant $ $$$
- Business Teachers $ $$
- Financial Analyst $ $
- Human Resources Director $ $$$