



School based learning

Career and technical education (CTE) courses as well as integration of career skills, knowledge and advising into district's core courses.

Core Courses	Exploratory Courses	Advanced Courses	Skill Center Courses
Algebra 1 and 2	Anatomy and Physiology	AP Psychology	
Biology	Biotechnology		
Chemistry	Family Health		
	Nutrition 1 and 2		
	Sports Medicine 1, 2 and 3		



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)
- Technology Student Association (TSA)
- Skills USA



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



Document updated: May 2018

For more information regarding Everett Public Schools Career Pathways, please contact careerconnected@everettsd.org; each high school's career specialist and counselors can review this document with students and families.

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.



School based learning Work based learning Extended learning

High School Opportunities

Apprenticeships

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

Sample Careers in Our Region

- Dispensing Optician §
- Medical Assistants §
- Dental Assistants (3)

SKILLS

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

Certificates

- Clinical Lab Assistant
- FMT
- Health Unit Coordinator
- Nursing Assistant

Sample Careers in Our Region

- Dental Assistants 6
- Massage Therapists (3) (3)
- Medical Assistants
- Phlebotomists (3)

TRANSFER



SALARIES

- $\frac{\$}{=}$ Max \$25/hr
- \$ \$ = Max \$26-40/hr
- \$ \$ = Max > \$40/hr

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2-Year Programs

- Dental Assistant
- Diagnostic Ultrasound Diagnostic
- Nutrition •
- Physical Therapy Assistant

Sample Careers in Our Region

- Dental Hygienists **③ ⑤ ⑥**
- Occupational Therapy Assistants (§) (§)
- Physical Therapy Assistants (5)

4-Year Degrees

- Nursing
- Kinesiology
- Psychology
- Biology

Sample Careers in Our Region

- Occupational Therapists (S) (S)
- Registered Nurses \$ 6 6
- Speech Pathologists **999**
- Dentists 😉 😉 😉







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Core Courses	Exploratory Courses	Advanced Courses	Skill Center Courses
Algebra 1 and 2	CAD and 3D Printing	AP Physics	Electric Engineering Technology
Geometry	Astronomy and Aerospace Engineering	AP Capstone: Research in Science and Engineering	Precision Machining
Physics by Design	Engineering Your World		Welding and Metal Fabrication



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- Technology Student Association (TSA)
- Robotics
- Skills USA



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- Engineering Internship
- Advanced Manufacturing Youth Apprenticeship



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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.



School based learning Extended learning

High School Opportunities

Apprenticeships

- Moldmaking (Ardagh Group)
- GMP Maintenance In-Plant (Ardagh Group)
- Aerospace (Bucher Aerospace Corporation)

Sample Careers in Our Region

- Ironworker (3 (3)
- Industrial Maintenance Mechanic § §

SKILLS

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

Certificates

- Aircraft Electronics Technician
- Engineering
- Composites
- Welding & Fabrication

Sample Careers in Our Region

- Electricians **⑤ ⑤**
- Reinforcing Iron and Rebar Workers § §
- Sheet Metal Workers S
- Structural Iron and Steel Workers § §

TRANSFER

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2-Year Programs

- Engineering
- Materials Science
- Transportation, Logistics and Supply Chain Management

Sample Careers in Our Region

Electrical and Electronics
 Engineering Technicians § §

4-Year Degrees

- Mechanical Engineering
- Electrical Engineering
- Mathematics/Computer Science

Sample Careers in Our Region

- Construction Managers (9 (9 (5)
- Industrial Engineers **⑤ ⑤ ⑥**







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Core Courses	Exploratory Courses	Advanced Courses	Skill Center Courses
Intro to Art	Intro to Graphic Design	AP Studio Art (2D and 3D drawing)	Animation
English 1, 2 and 3	Digital Photography 1, 2 and 3	AP Computer Science Principles	Video Game Design
Algebra 1 and 2	Graphic Design 1, 2 and 3	AP Computer Science A	
	Publications 1, 2 and 3		
	Technical Theater 1, 2, and 3		
	Video Production 1, 2, and 3		
	Web Design		
	Exploring Computer Science		



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- Skills USA
- Robotics



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Information and Communication Technology Internship



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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.



School based learning Extended learning

High School Opportunities

Apprenticeships

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

Sample Careers in Our Region

- Web Developer **⑤ ⑤**
- Database Administrator §

SKILLS

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

Certificates

- Business System Analyst
- Cybersecurity Support Specialist
- Information Security

Sample Careers in Our Region

 Telecommunications Equipment Installers and Repairers (§) (§)

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2-Year Programs

- Business Information Technology
- Network Technology Associate >
- Computer Security & Network Technology

Sample Careers in Our Region

- Website Developer 🛭 🕄
- Computer Network Support (3) (3)
- Help Desk Analyst 😏 😉
- IT Specialist **③ ⑤**

4-Year Degrees

- Applied Computing
- Computer Engineering
- Software Engineering
- Computer and Information Systems Security

Sample Careers in Our Region

- Computer and Information Systems Managers § § §
- Network Architects 999







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Core Courses	Exploratory Courses	Advanced Courses	Skill Center Courses
Biology	Environmental Systems Design	AP Environmental Science	Green Sustainable Design (summer)
Environmental Systems Design		AP Biology	
Chemistry		AP Chemistry	
		AP Capstone: Research in Science and Engineering	



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- Technology Student Association (TSA)
- Future Farmers of America (FFA)



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Energy and Sustainability Internship

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Pathways to Energy & Sustainability Careers

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.



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High School Opportunities

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 (3) (3)
- Electrical Contractor § §

SKILLS

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

Certificates

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

Sample Careers in Our Region

Heating, Air Conditioning, and Refrigeration
 Mechanics and Technicians

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2-Year Programs

- Engineering >
- Engineering Technology •
- Biology D

Sample Careers in Our Region

- Architectural and Civil Drafters SS
- Civil Engineering Technicians **S**
- Chemical Technicians

4-Year Degrees

- Environmental Science
- Organic Agriculture Systems
- Energy Policy & Management

Sample Careers in Our Region

- Civil Engineers **⑤ ⑤ ⑤**
- Geoscientists 999
- Urban & Regional Planners (9) (9)





Advanced Courses



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Exploratory Courses



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Educators Rising

Core Courses

Family, Career and Community Leaders of America (FCCLA)



Skill Center Courses



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Educational Studies Internship

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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.









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	Business Law	AP Microeconomics	
	Economics		
	Accounting 1 and 2		



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- DECA
- Future Business Leaders of America (FBLA)



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Business & Professional Services Internship



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Pathways to Business & Professional Services

Business careers cover 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.



