Career Pathways Everett Public schools



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 purse graduate programs.



Aerospace & Advanced Manufacturing



Energy & Sustainability



Medical & Health Careers



Information & Communication Technology



Education **Careers**



Business & Professional Services











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	Pre-Nursing (NAC)
Biology in the Environment	Biotechnology	AP BIO	Medical Terminology
Chemistry	Family Health	AP CHEM	
	Nutrition 1 and 2	AP Seminar	
	Sports Medicine 1, 2 and 3	AP Physics	
	Health Science & Medical Terms	AP Statistics	



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



Document updated: Feb. 2020

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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 6
- Dental Assistants 6

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)
- Pharmacy Technician

TRANSFER



SALARIES

- \$ = Max \$25/hr
- \$ \$ = Max \$26-40/hr
- \$ \$ = Max > \$40/hr

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Document updated: Feb. 2020

2-Year Programs

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

Sample Careers in Our Region

- Dental Hygienists 😉 😉
- Occupational Therapy Assistants (9) (9)
- Physical Therapy Assistants 9 9
- Radiology Technician

4-Year Degrees

- Nursing
- Kinesiology
- Psychology
- Biology

Sample Careers in Our Region

- Occupational Therapists (9 (9)
- Registered Nurses 🛛 🕄 🕄
- Speech Pathologists 😉 😉 😉
- Dentists 😉 😉 😉
- Physical Therapist







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	CAD and 3D Printing (MS)	AP Physics	Electric Engineering Technology
Geometry	Astronomy and Aerospace Engineering	AP Capstone: Research in Science and Engineering	Precision Machining
Physics in the Universe	Engineering Your World		Welding and Metal Fabrication
	Robotics		Foundations of Manufacturing
	Mechatronics		



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/FLLJN/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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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 learning

High School Opportunities

Apprenticeships

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

Sample Careers in Our Region

- △ Ironworker **⑤ ⑤**
- Industrial Maintenance Mechanic § §

SKILLS

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

Certificates

- Aircraft Avionics Systems
- Engineering Technology (CAD)
- Composites
- Mechatronics Systems

Sample Careers in Our Region

- Avionics Technician 🔇 🔇
- Engineering Technician §
- Composite Structures Technician § §
- Maintenance Technicians (9)

TRANSFER

= Transfer degree only

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2-Year Programs

- Engineering
- Mechanical Design Technology
- Robotics & Electronics

Sample Careers in Our Region

- Electrical and Electronics (S) (S)
- Engineering Designer 🕃 🕃
- Robotics Maintenance Specialist 9 9

4-Year Degrees

- Mechanical Engineering
- Electrical Engineering
- Mathematics/Computer Science

Sample Careers in Our Region

- Construction Managers (3 (3) (5)
- Industrial Engineers (3 (3) (5)







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
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		



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



Work based learning

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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

- A+ Certificate
- Security+ Certificate
- Network+

Sample Careers in Our Region

- Computer Equipment
 Installers and Repairers (§) (§)
- Cybersecurity Analyst
- Business Systems Analyst

TRANSFER



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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 😏 😉
- Help Desk Analyst 😏 🕒
- □ IT Specialist
 ⑤ ⑤

4-Year Degrees

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

Sample Careers in Our Region

- App Developers 😏 😉
- Computer and InformationSystems Managers § § §







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
Biology in the Environment	Environmental Systems Design	AP Environmental Science	Green Sustainable Design (summer)
Chemistry	Engineering & the World	AP Biology	
Physics in the Universe		AP Chemistry	
		AP Capstone: Research in Science and Engineering	



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)
- Future Farmers of America (FFA)
- Environthon Snohomish County



Work based learning

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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.



School based learning Work based learning Extended learning

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 66
- 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

TRANSFER

= Transfer degree only

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Document updated: Feb. 2020

2-Year Programs

- Engineering >
- Engineering Technology •
- Biology >

Sample Careers in Our Region

- Architectural and Civil Drafters SS
- Civil Engineering Technicians 66
- Chemical Technicians

4-Year Degrees

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

Sample Careers in Our Region

- Geoscientists (96)
- Urban & Regional Planners 🔇 🔇 🔇







School based learning

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

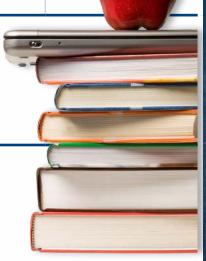
Core Courses	Exploratory Courses	Advanced Courses	Skill Center Courses
	Childhood Development	Intro to Education	Careers in Education



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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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.



School based learning

Work based learning

Learning learning

High School Opportunities

Apprenticeships

Not Available

Sample Careers in Our Region

Not Available

SKILLS

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

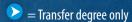
Certificates

- Paraeducator
- Early Childhood General

Sample Careers in Our Region

- Early Childhood Paraeducator 6
- Early Childhood Support
- Childcare Worker (5)

TRANSFER



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2-Year Programs

Associates with Early Childhood Education Focus (30 crdts)

Sample Careers in Our Region

Pre School Teacher (Public, Headstart, ECEAP) (§

4-Year Degrees

- Education (Elementary, Secondary, Special Education)
- Communication
- Information Technology
- Food Systems
- Leadership Development (Graduate level)

Sample Careers in Our Region

- Teacher 😘
- Communication Specialist §§
- Network Analyst/Technician 👀
- Food & Nutrition Director 66
- Administrator (Principal, Director)

AREER CONNECTED LEARNING





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	Foundations of Business & Marketing	AP Macroeconomics	Fashion Merchandising
	Business Law	AP Microeconomics	Entrepreneurship (WANIC)
	Economics	Business Operations	Personal Finance (WANIC)
	Accounting 1	Accounting 2	
	Business & Finance	Entrepreneurship	
	Social Media Marketing	Marketing Operations	



Extended learning

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- DECA
- Future Business Leaders of America (FBLA)



Work based learning

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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.



School based learning

Work based learning

Extended learning

High School Opportunities

Apprenticeships

Not Available

Sample Careers in Our Region

Not Available

SKILLS

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

Certificates

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

Sample Careers in Our Region

- Retail Store Manager 66
- Office Manager (5)
- Office Assistant 6

TRANSFER



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2-Year Programs

- Associates in Business
- Business Management
- Entrepreneurship and Small Business
- Project Management
- Marketing and Sales

Sample Careers in Our Region

- Sales Agent (S)
- Purchasing Agent §
- Product Promoter § §
- Interior Designer SS
- Advertising Agent §§

4-Year Degrees

- Business and Administration
- Marketing
- Accounting
- Finance
- Human Resources

Sample Careers in Our Region

- Agent and Business Managers (SG)
- Accountant 666
- Business Teachers (36)
- Financial Analyst
- Human Resources Director SSS

AREER CONNECTED LEARNING