

STEM PROGRAM OF STUDY							
CAREER CLUSTER	COURSE NAME	DHS	FWHS	TJHS	TBHS	Federal Way Equivalency Credit	COLLEGE CREDIT *
SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS	Introduction to Engineering Design	■	■	■	■	3rd Math	GRC
	Principles of Engineering and Robotics	■	■	■	■	Lab Science	
	Aerospace Engineering	■	■	■	■	3rd Math or Lab Science	
	Engineering Design & Development	■	■	■	■	Science	
	Robotics HS			■	■		

**CAREERS**

- Aeronautical Engineer
- Aircraft Mechanic
- Airplane Assembler
- Architectural & Engineering Manager
- CAD Designer
- Civil Engineer
- Design Engineer
- Drafter
- Industrial/Mechanical Engineer
- Robotics Engineer
- Sustainability Specialist

**POST-SECONDARY PROGRAMS & DEGREES**

**TECHNICAL SCHOOLS WITH STEM PROGRAMS:** *Engineering Technology:* Bates, Walla Walla; *Computer Engineering:* DigiPen

**UNIVERSITIES WITH STEM PROGRAMS:** *Civil Engineering:* St. Martin's, Gonzaga, Seattle U; *Computer Engineering:* EWU, Seattle Pacific, WWU, Gonzaga, Seattle U; *Electrical Engineering:* EWU, Seattle Pacific, WWU, Gonzaga, Seattle U; *Manufacturing Engineering:* WWU; *Mechanical Engineering:* EWU, Seattle Pacific, Gonzaga, Seattle U

Additional programs may be available, please check individual colleges for more information.

\*Colleges: HC = Highline College, GRC = Green River College, RTC = Renton Technical College, SCC = Seattle Central College  
 FWPS Dual Credit Programs: AP = Advanced Placement, IB-TJ = International Baccalaureate at TJHS