Health Science High School

PLTW Pathway

Key	
High School Academic	
High School Career & Technical	
PCC Dual Credit Articulated Courses	
1-year Certificate	
AAS Degree	
University	

This program of study should serve as a guide, along with other career planning materials , as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized coursework to meet each learner's educational and career goals.

Education Levels	Grade	English / Language Arts	Math	Science	Social Studies / Sciences	Other Required Courses Electives Recommended Electives Learner Activities	*Career and Technical Courses and/or Degree Major Courses	
SECONDARY	10		Algebra II	Chemistry, Physics	Humanities	Spanish	Introduction to Engineering Design	DIPLOMA
	11	Writing 120, 121	Pre-Calc, Stats		Humanities	Spanish	Principles of Engineering	
	12	Writing 222	Calculus		Humanities	Capstone	Digital Electronics	

PORTLAND COMMUNITY COLLEGE	TERM	PROGRAM OF STUDY					Certificates/Degrees/Occupations
	FIRST TERM	EET 101INTRO TO ELECTRONIC TECH	EET 111 ELECTR CICUIT ANAL 1	EET121 DIG SYST 1	MATH 11C COLLEGE ALG OR MATH FOR SCI AND ENGR	WR 121 ENG COMP	**Two-Year Certificate: Mechanical Engineering Technology**
	SECOND TERM	EET 112 ELECT CIRC ANAL 2	EET 122 DIG SYST 2	EET 188 IND SAFETY	MATH 112 ELEM FUNCT	GEN ED	field reconnaissance, engineering and boundary surveys, design calculations, environmental sampling, computer-aided drafting, construction layout, specification writing, sales, scheduling, estimating, construction management,
	THIRD TERM	CS 133U INTRO TO C'	EET 113 ELECT POWER	EET 123 DIG SYST 3	EET 178 PC ARCH FOR TECH	ELECTIVE	

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	TERM	PROGRAM OF STUDY					Certificates/Degrees/Occupations	
PORTLAND COMMUNITY COLLEGE	FIRST TERM	EET 101INTRO TO ELECTRONIC TECH	EET 111 ELECTR CICUIT ANAL 1	EET121 DIG SYST 1	MATH 11C COLLEGE ALG OR MATH FOR SCI AND ENGR	WR 121 ENG COMP	**Associate of Applied Science Degree Mechanical Engineering Technology**	
	SECOND TERM	EET 112 ELECT CIRC ANAL 2	EET 122 DIG SYST 2	EET 188 IND SAFETY	MATH 112 ELEM FUNCT	GEN ED		
	THIRD TERM	CS 133U INTRO TO C'	EET 113 ELECT POWER	EET 123 DIG SYST 3	EET 178 PC ARCH FOR TECH	ELECTIVE	consulting engineering firms, government agencies, contractors, industries, educational institutions or sales organizations.	
	FOURTH TERM	CS 162 COMP SCI 2	GEN ED	ELECTIVE	ELECTIVE	ELECTIVE		
	FIFTH TERM	CMET FLUID MECH	CMET 113 ENG TECH GRAPHICS	EET 221 SEMICOND DEVICES AND CIRC	EET 241 MICROCOMP SYST	MCH 121 MANUF PROCESSES 1		
	SIXTH TERM	EET 222 OP AMP CIRC	EET 242 MICROCOMP SYST	EET 254 EET SEMINAR	EET 255 IND CONTROL SYST	GEN ED		

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UNIVERSITY								