



**TRADES PROGRAM:
CAD ARCHITECTURAL ENGINEERING TECHNOLOGY
ASSOCIATE DEGREE - 2 + 0.25**

Students will begin the program Junior year and finish in October after graduation.

PTC Orientation with families will occur before students begin the program.

Recom. Timeframe	Freshman/Sophomore Year		WA Credits	PTC Credits	WA Cost	PTC Cost
Full year @ WA	GEM 165: College Algebra	0317 HEC Algebra 2 (WA CCAC ECISHA - MAT 108)	1	4	\$118	\$1,480
Full year @ WA	CAD 104: Engineering Graphics CAD 114: AutoCAD	0706 Drawing & Design for Engineering & Architecture (WA PTC ECISHA - CAD 104 & CAD 114)	1	6	\$300	\$2,220
College Fees					\$25	\$450
TOTAL in Freshman/Sophomore Year			2	10	\$325	\$4,150
Recom. Timeframe	Junior Year (Classes @ PTC 11:30 - 2:30)		WA Credits	PTC Credits	WA Cost	PTC Cost
Full year @ WA	GEE 100 - English Composition 1 GEE 150 - English Composition 2	0122 AP Eng Lang & Comp (WA CCAC ECISHA-ENG 101 & 102)	1	8	\$236	\$2,960
Full year @ WA	GEE 212 - Effective Speech	0151 Oral Communications (WA CCAC ECISHA-SPH 101)	1	4	\$118	\$1,480
Oct - Jan	GSD 005 - Steps to Career Success 1 (1D-1H)	WA Social Studies Credit	1	1	\$100	\$370
Oct - Jan	AET 101: Microstation (2D-2H)	WA Elective Credit	1	3	\$300	\$1,110
Oct - Jan	AET 121: Architectural Drafting 1 (2D-2H)	WA Math Credit	1	3	\$300	\$1,110
Oct - Jan	CAD 010: Skills Lab	No credit - Study hall format for drafting	0	0	\$0	\$0
Jan - Apr	AET 131: Architectural App Software 1 (2D-2H)	WA Elective Credit	1	3	\$300	\$1,110
Jan - Apr	GES 151 - Critical Thinking (2D-2H)	WA Social Studies Credit	1	4	\$400	\$1,480
Jan - Apr	GEM 206 - Personal Finance	WA Math Credit	1	4	\$400	\$1,480
Jan - Apr	CAD 010: Skills Lab	No credit - Study hall format for drafting	0	0	\$0	\$0
College Fees					\$0	\$1,200
TOTAL in Junior Year			8	30	\$2,154	\$12,300
Recom. Timeframe	Senior Year (All classes @ PTC)		WA Credits	PTC Credits	WA Cost	PTC Cost
Oct - Jan	CAD 154: Industrial Pipe Design	WA Elective Credit	1	4	\$400	\$1,480
Oct - Jan	AET 141: Bulding & Life Saftety Systems	WA Elective Credit	1	4	\$400	\$1,480
Oct - Jan	AET 201: Architectural App Software 2	WA Elective Credit	1	4	\$400	\$1,480
Oct - Jan	CAD 010: Skills Lab	No credit - Study hall format for drafting	0	0	\$0	\$0
College Fees					\$0	\$600
TOTAL in Oct - Jan Quarter			3	12	\$1,200	\$5,040
Jan - Apr	AET 161: Materials & Construction Methods	WA Science Credit	1	3	\$300	\$1,110
Jan - Apr	CAD 219: Structural Drafting	WA Elective Credit	1	3	\$300	\$1,110
Jan - Apr	CAD 261: Statics & Strength of Materials	WA Science Credit	1	3	\$300	\$1,110
Jan - Apr	GSD 180 - Career Development	WA English Credit	1	2	\$200	\$740
Jan - Apr	CAD 010: Skills Lab	No credit - Study hall format for drafting	0	0	\$0	\$0
College Fees					\$0	\$450
TOTAL in Jan - Apr Quarter			4	11	\$1,100	\$4,520
Apr - July	AET 171: Civil/Topographical Drafting	WA Elective Credit	1	3	\$300	\$1,110
Apr - July	AET 181: Civil Application Software	WA Elective Credit	1	3	\$300	\$1,110
Apr - July	AET 301: Architectural Capstone	WA Elective Credit	1	5	\$500	\$1,850
Apr - July	GES 252: Leadership Principles	WA Elective Credit	1	4	\$400	\$1,480
Apr - July	CAD 010: Skills Lab	No credit - Study hall format for drafting	0	0	\$0	\$0
College Fees					\$0	\$600
TOTAL in Apr - July Quarter			4	15	\$1,500	\$6,150
TOTAL in Senior Year			11	38	\$3,800	\$15,710
Students graduate in May/June - total cost during high school:					\$6,279	
Recom. Timeframe	First year after graduation		Credits		PTC Cost	
July - Oct	GSI 192/193 - Internship		12		\$4,440	
College Fees					\$600	
Credits			12		\$5,040	
Total for first year after graduation			12		\$5,040	
Total cost of program for WA student:					\$11,319	

*Costs based on 2021-2022 tuition rates and are subject to change yearly.

*Tuition for WA students the 2022-23 school year will be as follows: concurrent enrollment courses - \$50/credit; dual enrollment courses - \$100/credit.