



**TRADES PROGRAM:
CAD ARCHITECTURAL ENGINEERING TECHNOLOGY
ASSOCIATE DEGREE - 1 + 0.5**

Students will begin the program Senior year and finish in January after graduation.
PTC Orientation with families will occur before students begin the program.

Tuition for WA students while in high school for PTC courses will be \$100/credit (\$50/credit for dual enrollment courses).

Recom. Timeframe	Freshman/Sophomore/Junior Year		WA Credits	PTC Credits
Full year @ WA	GEM 166: College Algebra	0317 HEC Algebra 2 (WA CCAC ECIHSA - MAT 108)	1	4
Full year @ WA	CAD 104: Engineering Graphics CAD 114: AutoCAD	0706 Drawing & Design for Engineering & Architecture (WA PTC ECIHSA - CAD 104 & CAD 114)	1	6
Full year @ WA	GEE 101 - English Composition 1 GEE 151 - English Composition 2	0122 AP Eng Lang & Comp (WA CCAC ECIHSA-ENG 101 & 102)	1	8
Full year @ WA	GEE 212 - Effective Speech	0151 Oral Communications (WA CCAC ECIHSA-SPH 101)	1	4
Full year @ WA	GEM 206 - Personal Finance	0735 Personal Finance (WA PTC ECIHSA - GEM 204)	1	4
TOTAL in Freshman/Sophomore/Junior Year			5	26
Recom. Timeframe	Senior Year (All classes @ PTC)		WA Credits	PTC Credits
Oct - Jan	GSD 005 - Steps to Career Success 1	WA ELA Credit	1	1
Oct - Jan	AET 101: Microstation	WA Elective Credit	1	3
Oct - Jan	AET 121: Architectural Drafting 1	WA Math Credit	1	3
Oct - Jan	GES 151 - Critical Thinking	WA Social Studies Credit	1	4
Oct - Jan	CAD 010: Skills Lab	No credit - Study hall format for drafting	0	0
TOTAL in Oct - Jan Quarter			4	11
Jan - Apr	AET 131: Architectural App Software 1	WA Elective Credit	1	3
Jan - Apr	CAD 154: Industrial Pipe Design	WA Elective Credit	1	4
Jan - Apr	AET 141: Bulding & Life Saftety Systems	WA Elective Credit	1	4
Jan - Apr	AET 161: Materials & Construction Methods	WA Science Credit	1	3
Jan - Apr	CAD 010: Skills Lab	No credit - Study hall format for drafting	0	0
TOTAL in Jan - Apr Quarter			4	14
Apr - July	AET 201: Architectural App Software 2	WA Elective Credit	1	4
Apr - July	CAD 219: Structural Drafting	WA Elective Credit	1	3
Apr - July	CAD 261: Statics & Strength of Materials	WA Science Credit	1	3
Apr - July	GSD 180 - Career Development	WA English Credit	1	2
Apr - July	GES 252: Leadership Principles	WA Elective Credit	1	4
Apr - July	CAD 010: Skills Lab	No credit - Study hall format for drafting	0	0
TOTAL in Apr - July Quarter			5	16
TOTAL in Senior Year			13	41
Recom. Timeframe	First year after graduation		Credits	
July - Oct	AET 171: Civil/Topographical Drafting		3	
July - Oct	AET 181: Civil Application Software		3	
July - Oct	AET 301: Architectural Capstone		5	
Credits			11	
Oct - Jan	GSI 192/193 - Internship		12	
Credits			12	
Total for first year after graduation			23	