



**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.

Recom. Timeframe	Freshman/Sophomore/Junior 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
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
College Fees					\$25	\$1,050
<b>TOTAL in Freshman/Sophomore/Junior Year</b>			<b>4</b>	<b>22</b>	<b>\$379</b>	<b>\$9,190</b>
Recom. Timeframe	Senior Year (All classes @ PTC)		WA Credits	PTC Credits	WA Cost	PTC Cost
Oct - Jan	GSD 005 - Steps to Career Success 1	WA Social Studies Credit	1	1	\$100	\$370
Oct - Jan	AET 101: Microstation	WA Elective Credit	1	3	\$300	\$1,110
Oct - Jan	AET 121: Architectural Drafting 1	WA Math Credit	1	3	\$300	\$1,110
Oct - Jan	GEM 206 - Personal Finance	WA Math Credit	1	4	\$400	\$1,480
Oct - Jan	GES 151 - Critical Thinking	WA Social Studies 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
<b>TOTAL in Oct -Jan Quarter</b>			<b>5</b>	<b>15</b>	<b>\$1,500</b>	<b>\$6,150</b>
Jan - Apr	AET 131: Architectural App Software 1	WA Elective Credit	1	3	\$300	\$1,110
Jan - Apr	CAD 154: Industrial Pipe Design	WA Elective Credit	1	4	\$400	\$1,480
Jan - Apr	AET 141: Bulding & Life Saftety Systems	WA Elective Credit	1	4	\$400	\$1,480
Jan - Apr	AET 161: Materials & Construction Methods	WA Science Credit	1	3	\$300	\$1,110
Jan - Apr	CAD 010: Skills Lab	No credit - Study hall format for drafting	0	0	\$0	\$0
College Fees					\$0	\$600
<b>TOTAL in Jan - Apr Quarter</b>			<b>4</b>	<b>14</b>	<b>\$1,400</b>	<b>\$5,780</b>
Apr - July	AET 201: Architectural App Software 2	WA Elective Credit	1	4	\$400	\$1,480
Apr - July	CAD 219: Structural Drafting	WA Elective Credit	1	3	\$300	\$1,110
Apr - July	CAD 261: Statics & Strength of Materials	WA Science Credit	1	3	\$300	\$1,110
Apr - July	GSD 180 - Career Development	WA English Credit	1	2	\$200	\$740
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
<b>TOTAL in Apr - July Quarter</b>			<b>5</b>	<b>16</b>	<b>\$1,600</b>	<b>\$6,520</b>
<b>TOTAL in Senior Year</b>			<b>14</b>	<b>45</b>	<b>\$4,500</b>	<b>\$18,450</b>
<b>Students graduate in May/June - total cost during high school:</b>						<b>\$4,879</b>
Recom. Timeframe	First year after graduation		Credits		PTC Cost	
July - Oct	AET 171: Civil/Topographical Drafting		3		\$1,110	
July - Oct	AET 181: Civil Application Software		3		\$1,110	
July - Oct	AET 301: Architectural Capstone		5		\$1,850	
College Fees					\$450	
<b>Credits</b>			<b>11</b>		<b>\$4,520</b>	
Oct - Jan	GSI 192/193 - Internship		12		\$4,440	
College Fees					\$600	
<b>Credits</b>			<b>12</b>		<b>\$5,040</b>	
<b>Total for first year after graduation</b>			<b>23</b>		<b>\$9,560</b>	
<b>Total cost of program for WA student:</b>					<b>\$14,439</b>	

\*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.