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4500 Steilacoom Blvd SW, Lakewood, WA 98499 253.589.5800 School of Science, Technology, Engineering and Design

Architectural Engineering Design

Associate of Applied Technology (AAT) Degree - Program Map 2023-2024

Student I	Name: (First, Last) Student EMPL #	Student EMPL #:		Date:							
	Total Units:Total Cost:Target Start Date:Target Start Date:98www.cptc.edu/feelists		Target Grad. Date:		Staff Initials:						
Important Information For Educational Planning											
Program Enrollment Requirements: None, Computer Skills are highly recommended prior to starting ARC courses											
NOTE: Students must complete MAT 99 –or- Mat 103 or higher prior to 5 th quarter Architectural courses.											
Program Starts: Fall and Spring Terms.											
• Program class times: 8:30-3:00pm. ARC classes are offered on campus face-to-face with a live online option. The exact schedule											
will vary by term, some courses are online or hybrid (a combination of face-to-face and online learning). Note: 5 th term labs go until 4:00pm.											
 Transferring Courses, or Seeking Credit for Prior Learning go to: www.cptc.edu/transfer-to Email Contact evaluator@cptc.edu 											
 Clover Park Technical College and Washington State University (WSU) have agreed upon a Customized Articulation Agreement, 											
which states that students who complete the Architectural Engineering Design AAS-T at Clover Park with at least a 3.0 cumulative											
grade point average will be certified as Architectural Studies majors at WSU and will be granted junior status.											
-	ree could lead to a BAS degree at CPTC.				Total Term						
Program	n Courses		Units	Status	Units						
Town 1	ARC 120 Residential Drafting & Design I		4								
Term 1 FALL/SPRG	ARC 171 Drafting Technologies	5									
	ARC 183 ^{CL} Introduction to CAD Drafting	4									
	COLL 102 College Success for All	3		16							
Term 2 SUM/WINTR	ARC 124 Residential Drafting & Design II (Pre-req ARC 120, ARC 171, A	RC 183)	5								
	ARC 150 Construction Materials Research (Pre-req ARC 120, ARC 171,	4									
	ARC 175 Civil Engineering (Pre-req ARC 120, ARC 183)	4									
	ENGL& 101 English Composition I (or higher)	5		18							
Term 3 FALL/SPRG	ARC 126 Residential Drafting and Design III (Pre-req ARC 124)	5									
	ARC 146 Detailing & Light Construction (Pre-req ARC 124)	4									
	ARC 262 Intro to 3D Modeling (Pre-req ARC 183)	3									
	MAT 105 Math for Industrial Professionals (or higher)	5		17							
Term 4 SUM/WINTR	ARC 282 Introduction to Building Information Modeling (Pre-req ARC	,	5								
	ARC 192 Engineering Mechanics of Materials (Pre-req ARC 126 AND A	<mark>ЛАТ 94 or higher</mark>)	4								
	ARC 219 Residential Drafting and Design IV (Pre-req ARC 126)		4								
	PSYC& 100 General Psychology <i>or</i> SOC& 101 Intro to Sociology		5		18						
Term 5 FALL/SPRG	ARC 223 Design Project I (Pre-req ARC 282)		5								
	ARC 293 Engineering Statics (Pre-req – ARC 192, <u>AND</u> MAT 99, MAT	103, or higher)	5								
	ARC 286 Advanced Building Information Modeling (Pre-req ARC 282)		5		4.5						
Term 6 SUM/WINTR	ARC 255 Employment Research		1		16						
	ARC 225 ^{CAP} Design Project II (<i>Pre-req ARC 223 and ARC 286</i>)	5									
	ARC 231 Cost Estimating (Pre-req ARC 223)	3 5									
	ARC Elective (Choose one from Below)										
	ARC 229 Special Design Project (Pre-req ARC 262, & ARC 286, or I										
	ARC 227 Special Intern Project (Pre-req instructor permission)										
	 ARC 288^{DIV} Applied AutoCAD (Pre-req ARC 175) 				13						

Status Key: X=Completed course, TR= Transferred course, IP= In Progress Note: Unit=Credit

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Student Placement

Clover Park Technical College does not discriminate on the basis of race, color, national origin, sex, disability, sexual orientation, age or Veteran's status in its program and activities.

Math

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		Architectural Engineering Design Associate of Applied Technology (AAT) Degree - Program Map 2023-2024								
Adult Basic Education (ABE	Math) cont	act Transitional Studies Dept. Bldg. 10 (253) 589-5702								
MAT 105/MATSI 105 Math for Industrial Professionals w/ supplemental Instruction (8 units)										
Stand Alone: MAT 105 Mat	h for Indust	rial Professionals	s or higher (5 Units)							
English						Student Placement				
Adult Basic Education (ABE English) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702										
ENGL& 101/ENSI 101 English Composition w/ supplemental Instruction (8 Units)										
Stand Alone (choose one): ENGL& 101		English Composition (5 Units)								
Individualized Program Map										
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Class:	Class:		Class:		Class:					
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Class:	Class:		Class: Class:		Class: Class:					
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Class:	Class:		Class:		Class:					
Class:	Class:		Class:		Class:					
Program Instructors: Poppy B	ushnell E m	ail: poppy.bushne	ll@cptc.edu Ras	ha Al-Tameeni Em	ail: <u>rasha.al-</u>	tameemi@cptc.edu				
Program Counselor: Annemar	ie Solbrack	email: annemarie.	solbrack@cptc.ed	<u>du</u>						
Transferring Course Work into	CPTC: <u>www</u>	.cptc.edu/transfer	<u>-to</u> Email Conta	act <u>evaluator@cptc</u>	c.edu					
Graduation Application: <u>www.cptc.edu/enrollment-services</u> >Transcripts & Graduation >Degree/Certificate Application. Graduation Ceremony Information (Commencement) > Graduation Info										
Career Outlook sites: <u>www.on</u>	etonline.org	www.worksourg	cewa.com							
Notes:										

*Please check in periodically with Advising and Counseling regarding any potential changes to program course requirements