

School of Science, Technology, Engineering and Design

Architectural Engineering Design Associate of Applied Science-T (AAS-T) Degree Program Map 2023-2024

student Name: (First, Last)	Student EMPL #:	Date:

Total Units: Total Cost: Target Start Date: Target Grad. Date: Staff Initials:

103 www.cptc.edu/feelists

Important Information

- Program Enrollment Requirements: Successful completion of ENG 091 and MAT 092
- NOTE: Students must complete MAT 99 -or- Mat 103 or higher prior to 5th quarter Architectural courses.
- Computer Skills are highly recommended prior to starting ARC 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:** 5th term labs go until 4:00pm
- 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.

Cumula	tive grade point average will be certified as Architectural Studies majors at WSU and will be $rak{t}$	granted J	unior stat	
Program Courses		Units	Status	Total Term Units
Term 1 FALL/SPRG	ARC 120 Residential Drafting & Design I	4		
	ARC 171 Drafting Technologies	5		
TALLY STATE	ARC 183 ^{CL} Introduction to CAD Drafting	4		
	COLL 102 College Success for All	3		16
	ARC 124 Residential Drafting & Design II (Pre-req ARC 120, ARC 171, ARC 183)	5		
Term 2 SUM/WINTR	ARC 150 Construction Materials Research (Pre-req ARC 120, ARC 171, ARC 183)	4		
	ARC 175 Civil Engineering (Pre-req ARC 120, ARC 183)	4		
	ENGL& 101 English Composition I	5		18
	ARC 126 Residential Drafting and Design III (Pre-req ARC 124)	5		
Term 3 FALL/SPRG	ARC 146 Detailing & Light Construction (Pre-req ARC 124)	4		
TALLY STATE	ARC 262 Intro to 3D Modeling (Pre-req ARC 183)	3		
	MATH& 141 Pre-calculus I (or other transferable Math course)	5		17
Term 4	ARC 282 Introduction to Building Information Modeling (Pre-req ARC 262)	5		
	ARC 192 Engineering Mechanics of Materials (Pre-req ARC 126 AND MAT 94 or higher)	4		
	ARC 219 Residential Drafting and Design IV (Pre-req ARC 126)	4		
	PSYC& 100 General Psychology or SOC& 101 Intro to Sociology	5		18
T 5	ARC 223 Design Project I (Pre-req ARC 282)	5		
Term 5 FALL/SPRG	ARC 293 Engineering Statics (Pre-req – ARC 192, <u>AND</u> <u>MAT 99, MAT 103, or higher</u>)	5		
	ARC 286 Advanced Building Information Modeling (Pre-req ARC 282)	5		
	ARC 255 Employment Research	1		16
Term 6 SUM/WINTR	ARC 225 ^{CAP} Design Project II (Pre-req ARC 223 and ARC 286)	5		
	ARC 231 Cost Estimating (Pre-req ARC 223)	3		
	ARC Elective (Choose one from Below)	5		
	ARC 229 Special Design Project (Pre-req ARC 262, & ARC 286, or instructor permission)			
	ARC 227 Special Intern Project (Pre-req instructor permission)			
	ARC 288 ^{DIV} Applied AutoCAD (Pre-req ARC 175)			
	2 nd Social Science, Humanities, or Science (see list on page 2 below)	5		18

Status Key: X=Completed course, TR= Transferred course, IP= In Progress Note: Unit=Credit
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General Education Elective: Social Science, Science or Humanities Options (choose one from the following):

Math

ART& 100 -or -ASL& 121, ASL& 122, BIOL& 160, BIOL& 175, BIOL& 241, BIOL& 242, BIOL& 260, CHEM& 110, CHEM& 121, CHEM& 131, CMST& 220, GEOL& 110, HIST& 146, HIST& 147, HIST& 148, HUM& 101, MATH& 142, MUSC& 105, PHYS& 114, POLS& 202, PSYC& 200, PSYC& 220.

NOTE: For students planning to transfer to WSU recommend taking MATH& 142 Pre-Calculus II

Adult Basic Education (ABE							
Stand Alone: MATH& 141 P							
	Student Placement						
Adult Basic Education (ABE							
ENGL& 101/ENSI 101 Englis	h Composition w/ suppleme	ntal Instruction (8 Units)					
Stand Alone (choose one):	ENGL& 101 English Composi	tion (5 Units)					
Individualized Program Map							
Class:	Class:	Class:	Class:				
Class:	Class:	Class:	Class:				
Class:	Class:	Class:	Class:				
Class:	Class:	Class:	Class:				
Class:	Class:	Class:	Class:	Class:			
Class:	Class:	Class:		Class:			
Class:	Class:	Class:	Class:	lass:			
Class:	Class:	Class:	Class:	Class:			
Program Instructors: Poppy B	ushnell E mail: poppy.bushne	ell@cptc.edu Rasha Al-Tameeni En	nail: <u>rasha.al-t</u>	ameemi@cptc.edu			
Program Counselor: Annemar	rie Solbrack email: <u>annemarie.</u>	solbrack@cptc.edu					
Transferring Course Work into CPTC: www.cptc.edu/transfer-to Email Contact evaluator@cptc.edu							
Graduation Application: www.cptc.edu/enrollment-services >Transcripts & Graduation >Degree/Certificate Application. Graduation Ceremony Information (Commencement) > Graduation Info							
Career Outlook sites: www.on	etonline.org www.worksour	cewa.com					
NOTE: For students planning to transfer to WSU recommend taking MATH& 142 Pre-Calculus II for the General Education elective as it is a Prerequisite to the WSU course PHYSIC 101 which is to be taken the first quarter at WSU. Other options for the general elective for the CPTC AAS-T general education course would be to take transferable Art, Science or Humanities courses. Contact an WSU advisor for full list of other options and to be advised on the WSU admission process for transfer students. https://admission.wsu.edu/apply/as/transfer/requirements-2/							
Notes:							
Please check in periodically with Advising and Counseling regarding any potential changes to program course requirements							

Student Placement