

# ARCHITECTURE, ENGINEERING, AND CONSTRUCTION TECHNOLOGY (AAS-T)

## Pathway Maps

South Puget Sound Community College has provided pathways and associated recommended courses for ease of student selection based upon a student's career interest. Please review the pathway maps for required and recommended courses.

**Architecture, Engineering, and Construction Technology Pathway Map**  
Associate in Applied Science-Transfer degree  
72cr AEC courses + 28cr Gen Eds for BAS (\*see PSYC& and ENV5) = 100 Credits required for AAS-T  
Option1 = Fall Start

Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 5	Qtr. 6	Qtr. 7	Qtr. 8
Transition Studies	CS 101 (5cr) Pathways to Success	AEC 101 (5cr) Fundamentals of Drafting Fall	AEC 102 (5cr) Introduction to CAD Winter	AEC 120 (5cr) Construction Methods and Materials Spring	AEC 121 (5cr) Architectural CAD I Fall	AEC 122 (5cr) Architectural CAD II Winter	AEC 263 (5cr) Civil CAD I Spring
	ENGL 090 (5cr) Integrated Reading and Writing ENGL 095 (5cr) Integrated Reading and Writing II	ENGL 098 (5cr) Transition English Composition I ENGL 101 (5cr) English Composition I	AEC 103 (5cr) Introduction to 3-D Modeling Winter	AEC 160 (5cr) Introduction to Civil Engineering and Survey Spring	AEC 161 (5cr) Civil CAD I Fall	AEC 162 (5cr) Civil CAD II Winter	AEC 264 (3cr) Survey I Spring
	Choose one: MATH 092 (5cr) Mathematical Reasoning AEC 095 (5cr) Contemporary Math II	CMATH 107 (5cr) Copper's Math in Society ENGL 098 (5cr) Transition English Composition I ENGL 101 (5cr) English Composition I ENVS 202 (5cr) Climate Change & Society ENVS 203 (5cr) Climate and Energy Solutions  *Some students may place directly into MATH 107 Math in Society	**Choose ONE: ENVS 100 (5cr) Survey of Environmental Science ENVS 102 (5cr) Climate Change & Society ENVS 203 (5cr) Climate and Energy Solutions	Choose One (5cr): (Human Relations /Diversity, recommended) BUS 260 (5cr) Principles of Management: Diversity PSYC 116 (5cr) Psychology of Human Relations: Diversity CMST 230 (5cr) Interpersonal Communication: Diversity CMST 230 (5cr) Small Group Communication: Diversity CMST 240 (5cr) Intercultural Communication: Diversity HUM 121 (5cr) Multicultural America: Diversity	AEC 171 (5cr) Building Information Modeling I Fall	AEC 172 (5cr) Building Information Modeling II Winter	AEC 279 (5cr) Building Information Modeling III Spring
	**PSYC 100 (5cr) General Psychology						AEC 274 (4cr) Building Information Modeling IV Spring

! See page 3 for additional general education courses needed to meet BAS completion requirements (beyond the AAS-T) which can be taken at SPSC or the BAS awarding institution.  
\*\* To meet BAS college-level transferable Psychology and Natural World requirements, required for AAS-T.

Option2 = Winter Start

Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 5	Qtr. 6	Qtr. 7	Qtr. 8
Transition Studies	ENGL 090 (5cr) Integrated Reading and Writing ENGL 095 (5cr) Integrated Reading and Writing II	ENGL 098 (5cr) Transition English Composition I ENGL 101 (5cr) English Composition I	AEC 101 (5cr) Fundamentals of Drafting Winter	AEC 102 (5cr) Introduction to CAD Spring	AEC 121 (5cr) Architectural CAD I Fall	AEC 122 (5cr) Architectural CAD II Winter	AEC 263 (5cr) Civil CAD I Spring
	Choose one: MATH 092 (5cr) Mathematical Reasoning AEC 095 (5cr) Contemporary Math II	CMATH 107 (5cr) Copper's Math in Society ENGL 098 (5cr) Transition English Composition I ENGL 101 (5cr) English Composition I ENVS 202 (5cr) Climate Change & Society ENVS 203 (5cr) Climate and Energy Solutions  *Some students may place directly into MATH 107 Math in Society	AEC 103 (5cr) Introduction to 3-D Modeling Winter	AEC 120 (5cr) Construction Methods and Materials Spring	AEC 161 (5cr) Civil CAD I Fall	AEC 162 (5cr) Civil CAD II Winter	AEC 264 (3cr) Survey I Spring
	**PSYC 100 (5cr) General Psychology	Choose One (5cr): (Human Relations /Diversity, recommended) BUS 260 (5cr) Principles of Management: Diversity PSYC 116 (5cr) Psychology of Human Relations: Diversity CMST 230 (5cr) Interpersonal Communication: Diversity CMST 230 (5cr) Small Group Communication: Diversity CMST 240 (5cr) Intercultural Communication: Diversity HUM 121 (5cr) Multicultural America: Diversity	**Choose ONE: ENVS 100 (5cr) Survey of Environmental Science ENVS 102 (5cr) Climate Change & Society ENVS 203 (5cr) Climate and Energy Solutions	AEC 160 (5cr) Introduction to Civil Engineering and Survey Spring	AEC 171 (5cr) Building Information Modeling I Fall	AEC 172 (5cr) Building Information Modeling II Winter	AEC 279 (5cr) Building Information Modeling III Spring
	CS 101 (5cr) Pathways to Success						AEC 274 (4cr) Building Information Modeling IV Spring

! See next page for additional general education courses needed to meet BAS completion requirements (beyond the AAS-T) which can be taken at SPSC or the BAS awarding institution.  
\*\* To meet BAS college-level transferable Psychology and Natural World requirements, required for AAS-T.

**! = To meet upper division BAS general education requirements (30cr):**

**ENGL& 102 (5cr)**  
*English Composition II*

**PHYS& 114 (5cr)**  
*Physics w/ Lab*  
*Natural Science*

**MATH& 146 (5cr)**  
*Statistics*

**VLPA TBD (5cr)**  
*Elective*

**CMST& 220 (5cr)**  
*Public Speaking*

**Elective (5cr)**  
**TBD**