



Architecture, Engineering, and Construction Technology Pathway Map

Associate in Applied Science-Transfer degree

72cr AEC courses + 28cr Gen Eds for BAS (*see PSYC& and ENVS) = 100 Credits **required** for AAS-T

Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 5	Qtr. 6	Qtr. 7	Qtr. 8
Transition Studies	CCS 101 (3cr) <i>Pathways to Success</i>	AEC 101 (5cr) <i>Fundamentals of Drafting</i> fall	AEC 102 (5cr) <i>Introduction to CAD</i> winter	AEC 120 (5cr) <i>Construction Methods and Materials</i> spring	AEC 121 (5cr) <i>Architectural CAD I</i> fall	AEC 122 (5cr) <i>Architectural CAD II</i> winter	AEC 263 (5cr) <i>Civil CAD I</i> spring
	ENGL 090 (5cr) <i>Integrated Reading and Writing I</i> ENGL 095 (5cr) <i>Integrated Reading and Writing II</i>	ENGL 098 (5cr) <i>Transitional English Composition</i> ENGL& 101 (5cr) <i>English Composition I</i>	AEC 103 (5cr) <i>Introduction to 3-D Modeling</i> winter	AEC 160 (5cr) <i>Introduction to Civil Engineering and Survey</i> spring	AEC 161 (5cr) <i>Civil CAD I</i> fall	AEC 162 (5cr) <i>Civil CAD II</i> winter	AEC 264 (3cr) <i>Survey I</i> spring
	Choose one: MATH 092 (5cr) <i>Mathematical Reasoning</i> ABE 065 <i>Contextualized Math II</i>	CMATH 107 (5cr) <i>Clipper's Math in Society*</i> Includes ability to complete: MATH 095 MATH& 107 *some students may place directly into MATH& 107 <i>Math in Society</i>	*To meet BAS college-level transferable <i>Natural World</i> requirement, choose one, required for AAS-T (5cr): ENVS& 100 (5cr) <i>Survey of Environmental Science</i> ENVS 102 (5cr) <i>Climate Change & Society</i> ENVS 203 (5cr) <i>Climate and Energy Solutions</i>	Choose One (5cr): (<i>Human Relations /Diversity, recommended</i>) BUS 260 (5cr) <i>Principles of Management: Diversity</i> PSYC 116 (5cr) <i>Psychology of Human Relations: Diversity</i> CMST& 210 (5cr) <i>Interpersonal Communication: Diversity</i> CMST& 230 (5cr) <i>Small Group Communication: Diversity</i> CMST 240 (5cr) <i>Intercultural Communication: Diversity</i> HUM 121 (5cr) <i>Multicultural America: Diversity</i>	AEC 171 (5cr) <i>Building Information Modeling I</i> fall	AEC 172 (5cr) <i>Building Information Modeling II</i> winter	AEC 273 (5cr) <i>Building Information Modeling III</i> spring
	*To meet BAS college-level transferable <i>Psychology</i> requirement, required for AAS-T : PSYC& 100 (5cr) <i>General Psychology</i>		**OPTIONAL** AEC 112 (10 Cr) <i>Accelerated Drafting & CAD</i> winter				AEC 274 (4cr) <i>Building Information Modeling IV</i> spring

** Note: AEC 112 combines both AEC 101 & AEC 102 to give students another optional start quarter (i.e., winter in addition to fall). Students will need to sit with an advisor to make a degree plan that will fit these requirements. AEC 112 students should have concurrent enrollment in AEC 103.

See next page for additional general education courses needed to meet BAS completion requirements (beyond the AAS-T) which can be taken at SPSCC or the BAS awarding institution.

! = To meet upper division BAS general education requirements (30cr):
ENGL& 102 (5cr) <i>English Composition II</i>
PHYS& 114 (5cr) <i>Physics w/ Lab Natural Science</i>
MATH& 146 (5cr) <i>Statistics</i>
VLPA TBD (5cr) <i>Elective</i>
CMST& 220 (5cr) <i>Public Speaking</i>
Elective (5cr) TBD