

Southwest Virginia Community College
Business, Engineering, Industrial Technology, and
Workforce Solutions Division



<http://www.sw.edu/beit/>

Associate of Arts & Sciences (AA&S)

2019-2020 Degree Completion Plan

Major: Engineering – Software Engineering(Transfer)

Freshman Fall (17 Credits)

Credits	Semester	Grade		
MTH 263	Calculus I	4	_____	_____
CHM 111	College Chemistry I	4	_____	_____
EGR 120	Introduction to Engineering	2	_____	_____
SDV 100	College Success Skills	1	_____	_____
Elective**	Social Science	3	_____	_____
ENG 111	College Composition I	3	_____	_____

Freshman Spring (16 Credits)

		Credits	Semester	Grade
MTH 264	Calculus II	4	_____	_____
EGR 115	Engineering Graphics	2	_____	_____
ITP 100	Software Design	3	_____	_____
Elective**	Social Science Elective	3	_____	_____
ENG 112	College Composition II	3	_____	_____

Sophomore Fall (17 Credits)

		Credits	Semester	Grade
MTH 265	Calculus III	4	_____	_____
PHY 241	University Physics I	4	_____	_____
EGR 125	Intro. To Engineering Methods	3	_____	_____
ITP 120	Java Programming I	3	_____	_____
MTH 266	Linear Algebra	3	_____	_____

Sophomore Spring (16 Credits)

		Credits	Semester	Grade
MTH 245***	Statistics I	3	_____	_____
PHY 242	University Physics II	4	_____	_____
EGR 206	Engineering Economy	3	_____	_____
Elective*	Humanities	3	_____	_____
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Total Hours 65

*Humanities Electives: Students should consult with their adviser or transfer institution for proper section of electives: Typical electives for proper section of electives: Typical electives include: ART 101, 102, MUS 121 or 122, ENG 241, 242, 243, 244, 251, 252, 257, 279, REL 200, 210, 230, 246.

** Social Science Electives: Students should consult with their adviser or transfer institution for proper section of electives: Typical electives include: ECO 201, 201, HIS 101, 102, 121, 122, 266, 269, 277, PLS 211, 212, PSY 200, 231, 232, 255, SOC 200, 215, 268; GEO 200, 210

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