

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



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

Associate of Applied Science (AAS)

2019-2020 Degree Completion Plan

Business Technology -- Major: Precision Machining

First Semester (17 Credits)		Credits	Semester	Grade
ITE 102	Computer and Information Technologies	1	_____	_____
WEL 160	Gas Metal Arc Welding	3	_____	_____
SAF 127	Industrial Safety	2	_____	_____
MAC 161	Machine Shop Practices I	3	_____	_____
MAC 162	Machine Shop Practices II	3	_____	_____
DRF 161	Blueprint Reading I	2	_____	_____
MAC 121	Numerical Controls I	3	_____	_____
Second Semester (18 Credits)		Credits	Semester	Grade
MAC 163	Machine Shop Practices III	3	_____	_____
MAC 164	Machine Shop Practices IV	3	_____	_____
MAC 150	Introduction to CAM	2	_____	_____
MAC 122	Numerical Controls II	3	_____	_____
SDV 106	Preparation for Employment	1	_____	_____
MTH 111	Basic Technical Mathematics	3	_____	_____
MAC 197	Cooperative Education	3	_____	_____
Third Semester (16 Credits)		Credits	Semester	Grade
ECO 120	Survey of Economics	3	_____	_____
HUM	Humanities Elective	3	_____	_____
MAC 123	Numerical Controls III	2	_____	_____
MAC 151	Machine Tool Maintenance I	2	_____	_____
WEL 130	Inert Gas	3	_____	_____
ENG 111	College Composition I	3	_____	_____
Fourth Semester (18 Credits)		Credits	Semester	Grade
MAC 209	Standards, Measurements, and Calculations	3	_____	_____
SSS	Social Science Elective	3	_____	_____
MAC 241	Advanced Machining Procedures I	3	_____	_____
MAC 206	Production Machining Techniques	6	_____	_____
MAC 297	Cooperative Education	3	_____	_____
Total Hours		69		

For additional information:

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