

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



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

Diploma Program

2019-2020 Diploma Completion Plan

Major: Welding

First Semester (17 Credits)		Credits	Semester	Grade
WEL 160	Gas Metal Arc Welding	3	_____	_____
WEL 130	Inert Gas Welding	3	_____	_____
WEL 150	Welding Drawing and Interpretation	3	_____	_____
WEL 117	Oxyfuel Welding and Cutting	3	_____	_____
WEL 123	Shielded Metal Arc Welding (Basic)	3	_____	_____
SAF 127	Industrial Safety	2	_____	_____
Second Semester (13 Credits)		Credits	Semester	Grade
WEL 141	Welder Qualification Test I	3	_____	_____
WEL 129	Piping and Fabrication	3	_____	_____
WEL 126	Pipe Welding I	3	_____	_____
SDV 106	Preparation for Employment	1	_____	_____
WEL 142	Welder Qualification Test II	3	_____	_____
Third Semester (15 Credits)		Credits	Semester	Grade
MAC 161	Machine Shop Practices I	3	_____	_____
PSY	Elective	3	_____	_____
MAC 162	Machine Shop Practices II	3	_____	_____
MTH 111	Basic Technical Mathematics	3	_____	_____
ITE 115	Computer App. and Concepts	3	_____	_____
Fourth Semester (16 Credits)		Credits	Semester	Grade
MAC 163	Machine Shop Practices III	3	_____	_____
MAC 121	Numerical Controls I	3	_____	_____
MAC 164	Machine Shop Practices IV	3	_____	_____
BUS 165	Small Business Management	3	_____	_____
ENG	ENG 100 OR ENG 101	3	_____	_____
Elective	*Elective requires division approval	1	_____	_____
Total Hours		61		

For additional information:

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