

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



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

Career Studies Certificate Program

2017-2018 Certificate Completion Plan

Major: Manufacturing Fabrication

First Semester (12 Credits)

		Credits	Semester	Grade
MAC 161	Machine Shop Practices I	3	_____	_____
MAC 162	Machine Shop Practices II	3	_____	_____
WEL 150	Welding Drawing and Interpretation	3	_____	_____
WEL 117	Oxyfuel Welding and Cutting	3	_____	_____

Second Semester (13 Credits)

		Credits	Semester	Grade
WEL 130	Inert Gas Welding	3	_____	_____
SDV 106	Preparation for Employment	1	_____	_____
WEL 160	Gas Metal Arc Welding	3	_____	_____
MAC 163*	Machine Shop Practices III	3	_____	_____
MAC 164*	Machine Shop Practices IV	3	_____	_____

Total Hours **25**

*MAC 121 Computer Numerical Control I and MAC 122 Computer Numerical Control II may be taken in place of MAC 163 Machine Shop Practices III and MAC 164 Machine Shop Practices IV

For additional information:

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