

## Division of Applied Science & Technology

### Associate of Applied Science Degree – Welding (718-02)

#### Program Description

Graduates of the Technical Studies Welding program are trained in the job skills necessary to enter employment as apprentice welders immediately upon completion of the curriculum. Course work includes a strong emphasis in welding technology with related courses in computer applications, quality control, teamwork, and communication.

#### Opportunities for Employment

Graduates can expect to find employment as welders in a variety of industries including mining, manufacturing and construction.

#### Special Considerations

Up to 15 hours credit may be given for documented previous work experience and certifications. Although the program is designed to educate and train welders entering the industry, the program offers increased skill levels and knowledge for experienced welders as well. Welders seeking a degree or desiring promotion to upper level managerial positions should also take advantage of this excellent opportunity.

#### For Further Information Contact:

Paul Gilley  
[pgilley@mecc.edu](mailto:pgilley@mecc.edu)  
276.523.2400 ext. 334

Tim Austin  
[taustin@mecc.edu](mailto:taustin@mecc.edu)  
276.523.2400 ext. 692

Tommy Clements, Dean  
[tclements@mecc.edu](mailto:tclements@mecc.edu)  
276.523.2400 ext. 431

#### PROGRAM OF STUDY

<b>FIRST YEAR FALL</b>				
<i>Course #</i>		<i>Course Title</i>	<i>Credit</i>	<i>Progress</i>
		Math/Science Elective	3	
WEL	100	Fundamentals of Welding	3	
WEL	115	Arc and Gas Welding	3	
WEL	123	Arc Welding I	3	
DRF	160	Machine Blueprint Reading	3	
SDV	100	College Success Skills	1	
<b>FIRST YEAR SPRING</b>				
IND	137	Team Concepts	3	
ENG	111	College Composition I	3	
		Humanities Elective	3	
		Social Science Elective	3	
WEL	124	Arc Welding II	3	
		Welding Elective or Equivalent Experience	3	
<b>SECOND YEAR FALL</b>				
ITE	119	Information Literacy	3	
IND	101	Quality Assurance Tech	3	
DRF	200	Survey of Computer-Aided Drafting	4	
		Social Science Elective	3	
WEL	126	Pipe Welding	3	
<b>SECOND YEAR SPRING</b>				
ENG	115	Technical Writing	3	
		Personal Development Elective	1	
		Welding Elective or Equivalent experience	3	
		Welding Elective or Equivalent experience	3	
		Welding Elective or Equivalent experience	3	
		Welding Elective or Equivalent experience	3	
<b>Total Minimum Credits For Degree</b>			<b>66</b>	