



**Advanced Manufacturing Technology Certificate | 39 Credits**

**Program Prerequisites:**

- Placement into MTH 98 Quantitative Math (4 credits)
- Placement into WR 115 Introduction to Expository Writing (4 credits) or IRW 115 Critical Reading and Writing (5 credits)

**Coursework:**

Course Number	Course Title	Prerequisites	Credits
<b>Fall</b>			<b>9</b>
MFG 150	Manufacturing Processes	Pre/co: MFG 195	3
MFG 155	Blueprint Reading	Pre/co: MFG 195	3
MFG 195	Welding Technology I	none	3
<b>Winter</b>			<b>15</b>
MFG 151	Fabrication Processes 1	MFG 150	3
MFG 156	Integrated Manufacturing 1	MFG 155	3
MFG 280	Aluminum GTAW/TIG Welding	MFG 195, MFG 150	3
MFG 281	Aluminum GTAW/TIG Fabrication Processes 1	Co-req: MFG 280	3
MFG 285	Stainless Steel GTAW/TIG Welding	MFG 195, MFG 150	3
<b>Spring</b>			<b>15</b>
MFG 152	Fabrication Processes 2	MFG 151	3
MFG 157	Integrated Manufacturing 2	MFG 156	3
MFG 282	Aluminum GTAW/TIG Fabrication Processes 2	MFG 281	3
MFG 286	Stainless Steel GTAW/TIG Fabrication 1	MFG 285	3
MFG 287	Stainless Steel GTAW/TIG Fabrication 2	Co-req: MFG 286	3
<b>Total Quarter Credits</b>			<b>39</b>