



**NUC UNIVERSITY – FLORIDA TECHNICAL COLLEGE**

**PROGRAM: WELDING**

**CREDENTIAL: DIPLOMA**

**CREDIT HOURS: 61 QUARTER CREDITS**

**CONTACT HOURS: 960**

**CURRICULUM SEQUENCE**

<b>Course Code</b>	<b>Title of Course</b>	<b>Credits</b>
<b><i>LEVEL 1</i></b>		
FTC-SKL1000	Safety and Craft Skills	6
FTC-WEL1000	Applied Math for Welding	5
FTC-WEL1001	Welding Drawings	5
<b><i>LEVEL 2</i></b>		
FTC-WEL1002	Introduction to Welding and Cutting Process	5
FTC-WEL1003	Shielded Metal Arc Welding I (SMAW)	5
FTC-WEL1004	Shielded Metal Arc Welding II (SMAW)	5
<b><i>LEVEL 3</i></b>		
FTC-WEL1005	Flux Core Arc Welding (FCAW) and Gas Metal Arc Welding (GMAW)	5
FTC-WEL1006	Gas Tungsten Arc Welding (GTAW)	5
FTC-WEL2001	Pipe Welding I (SMAW)	5
FTC-WEL2002	Pipe Welding II (GMAW & FCAW)	5
FTC-WEL2003	Pipe Welding III (GTAW)	5
FTC-WEL3001	Aluminum Welding (GTAW & GMAW)	5
<b><i>TOTAL CREDITS</i></b>		<b>61</b>

\*Key Courses: