

Welding Certificates

Updated FL18

Delgado's welding program challenges students to master specific skill related competencies set forth by the National Center for Construction Education and Research (NCCER) as well as our Welding Advisory Committee which consists of business and industry representatives from the Greater New Orleans region. Our welding shop is well-equipped and enables students to receive hands on instruction in all welding processes. Students can receive Certificates of Technical Studies in Shielded Metal Arc Welding (SMAW), Flux Core Arc Welding (FCAW)/Gas Metal Arc Welding (GMAW) and Gas Tungsten Arc Welding (GTAW). Students receive NCCER Level 1 certification in each program. Completion of all three programs will give the student NCCER Welding Levels 1 and 2.



CAMPUS: DCC Jefferson



CURRICULA:

Shielded Metal Arc Welding (SMAW), CTS	24 credit hours; 2 semesters
Gas Tungsten Arc Welding (GTAW), CTS	24 credit hours; 2 semesters
Flux Cored Arc Welding & Gas Metal Arc Welding (FCAW & GMAW), CTS	24 credit hours; 2 semesters

SMAW Semester 1

WLDG 101 Intro to Welding Fundamentals
2-2-3/60

WLDG 110 Basic SMAW 1-4-3/75

WLDG 115 SMAW Groove Welds 1-4-3/75

***TECH 101** NCCER Technical Core 3-3-3/90

SMAW Semester 2

***ADOT 105** Survey of Comp. Apps. 3-0-3/45

WLDG 150 SMAW Pipe 2G 1-6-3/105

Pre-Reqs.: TECH 101 and WLDG 101, 110 & 115

WLDG 151 SMAW Pipe 5G 1-6-3/105

Pre-Reqs.: TECH 101 and WLDG 101, 110 & 115

WLDG 152 SMAW Pipe 6G 1-6-3/105

Pre-Reqs.: TECH 101 and WLDG 101, 110 & 115

GTAW Semester 1

WLDG 101 Intro to Welding Fundamentals

WLDG 219 GTAW Groove Welds 2-4-3/90

WLDG 220 GTAW Basic Multi-Joint 1-4-3/75

***TECH 101** NCCER Technical Core 3-3-3/90

GTAW Semester 2

***ADOT 105** Survey of Comp. Apps. 3-0-3/45

WLDG 222 GTAW Pipe 5G 1-6-3/105

Pre-Reqs.: TECH 101 and WLDG 101, 110 & 115

WLDG 223 GTAW Pipe 2G 1-6-3/105

Pre-Reqs.: TECH 101 and WLDG 101, 110 & 115

WLDG 224 GTAW Pipe 6G 1-6-3/105

Pre-Reqs.: TECH 101 and WLDG 101, 110 & 115

FCAW & GMAW Semester 1

WLDG 101 Intro to Welding Fundamentals

WLDG 201 Basic FCAW and GMAW 1-4-3/75

WLDG 202 FCAW and GMAW Groove Welds

1-4-3/75

***TECH 101** NCCER Technical Core 3-3-3/90

FCAW & GMAW Semester 2

***ADOT 105** Survey of Comp. Apps. 3-0-3/45

WLDG 217 FCAW and GMAW Pipe 2G

1-6-3/105 *Pre-Reqs.: TECH 101 & WLDG 101, 110 & 115*

WLDG 218 FCAW and GMAW Pipe 5G

1-6-3/105 *Pre-Reqs.: TECH 101 & WLDG 101, 110 & 115*

WLDG 226 FCAW and GMAW Pipe 6G

1-6-3/105 *Pre-Reqs.: TECH 101 & WLDG 101, 110 & 115*

**Required Related Course*



Career Information

Salary: \$47,810/year or \$22.99/hour

Star Rating: ★★★★★

Welding jobs will increase **4%** by 2024

Academic & Financial Aid Advisors

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