

## Level II Certificate Degree Plan

### Welding

#### Freshman Year

Fall Semester

Spring Semester

COURSES	CR	COURSES	CR
*EDUC 1300 Learning Frameworks (My Cougar Course)	3	**BCIS 1305 Business Computer Applications Mathematics (Core Course)	3
DEMR 1301 Shop Safety and Procedures	3	WLDG 1412 Introduction to Flux Cored Arc Welding (FCAW)	4
WLDG 1307 Introduction to Welding Using Multipurpose Processes	3	WLDG 2332 Welding Automation	3
WLDG 1313 Introduction to Blueprint Reading for Welders	3	WLDG 1417 Introduction to Layout and Fabrication	4
TECM 1301 Industrial Mathematics	3	WLDG 1428 Introduction to Shield Metal Arc Welding (SMAW)	4
Total hours	15	Total hours	18

#### Sophomore Year

Fall Semester

COURSES	CR
WLDG 1435 Introduction to Pipe Welding	4
WLDG 1430 Introduction to Gas Metal Arc Welding (GMAW)	4
WLDG 1434 Introduction to Gas Tungsten Arc (GTAW) Welding	4
Total hours	12

Degree plan valid for 5 years from the semester that student signs dedicated schedule and enrolls in courses.

\*EDUC 1300 is required for all first-time in College Students attending Coastal Bend College.

\*\*BCIS is required for all college students, a test out option of 70% in computer literacy is available.

\*\*\*Capstone Course