

## 2024-25 ACADEMIC COURSES

### WAF 231 : GAS TUNGSTEN ARC WELDING-GTAW

In this course, students will further enhance their Gas Tungsten Arc Welding (GTAW) skills by performing advanced welding techniques most commonly used in the aerospace, manufacturing and automotive industries. Materials, such as, carbon steel, aluminum, stainless steel, copper and cast iron will be used. Multiple passes will be required using positions such as 2F/G, 3F/G, 4F/G, 5F/G, 6F/G on sheet, plate and pipe. Students will apply filler metal classification and specifications, codes and standards set forth by the American Welding Society (AWS). Level I Prerequisite: Academic Reading and Writing Levels of 6; Academic Math Level 1; WAF 125 minimum grade "C"

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Description	Hours
Credits	4
Lecture Hours	30
Clinical Hours	0
Lab Hours	90
Other Hours	0
Total Hours	120

Accurate as of 05/16/2025 Information is subject to change without notice.