

2024-25 ACADEMIC COURSES

WAF 150 : AUTOMATED WELDING AND CUTTING

In this course, students are introduced to basic robotic welding and cutting. Safety, set-up, programming and industry applications are covered. Students will be exposed to five- and six-axis robotic applications of gas metal arc welding (GMAW), laser, spot and resistance welding as well as plasma, laser and water jet cutting methods. Level I Prerequisite: Academic Reading and Writing Levels of 6; Academic Math Level 1; WAF 140, WAF 232 and NCT 120, minimum grade "C"

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Description	Hours
Credits	3
Lecture Hours	30
Clinical Hours	0
Lab Hours	30
Other Hours	0
Total Hours	60

Accurate as of 03/26/2025 Information is subject to change without notice.