



# Wayne County Community College District

## COURSE SYLLABUS

### WLT 107 Welding Fabrication II

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**CREDIT HOURS:** 3.00

**CONTACT HOURS:** 45.00

**COURSE DESCRIPTION:**

Building on the techniques and processes learned in WLT106, this class offers additional instruction on fabrication and the opportunity for advanced fabrication techniques to be explored.

**PREREQUISITES:** WLT 106

**EXPECTED COMPETENCIES:**

*Upon completion of this course, the student will be able to:*

- Fabricate complicated projects (with instructor guidance) displaying advanced knowledge in fabrication techniques in three of five welding types
- Display advanced knowledge and use of a layout table and grid based fabrication techniques
- Display advanced knowledge of measurement tools such as height gage, calipers, micrometers, scribes, automatic center punch metric American scales, power tools such as cutting wheels and grinders to help with fabrication
- Articulate knowledge of inspection techniques and quality checks

**ASSESSMENT METHODS:**

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

**GRADING SCALE:**

90%-100% = A  
80%-89.9% = B  
70%-79.9% = C  
60%-69.9% = D  
<60% = E