

COURSE OUTLINE

Revision: Rodger Squirrell July 14, 2009

DEPARTMENT:	Manufacturing Technology
CURRICULUM:	Welding Fabrication Technology
COURSE TITLE:	Use of Welding Symbols
COURSE NUMBER:	WFT 123
TYPE OF COURSE:	Vocational Preparatory
COURSE LENGTH:	1 Quarter
CREDIT HOURS:	2
LECTURE HOURS:	22
LAB HOURS:	0
CLASS SIZE:	25
PREREQUISITES:	WFT 105 (Use of Blueprints in Welding Fabrication), ability to read blueprints, or instructor's permission

COURSE DESCRIPTION:

A progressive presentation of the scheme of welding symbols and their use in modern welding fabrication. The major class activity involves interpretation of welding symbols as found on blueprints.

STUDENT LEARNING OUTCOMES ADDRESSED:

1. Personal Responsibility - Take responsibility for meeting deadlines as assigned. Take pride in demonstrating safe fabrication shop skills. Take pride in one's own workmanship and blueprint care, per industry standards.

WFT 123 Use of Welding Symbols

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STUDENT LEARNING OUTCOMES ADDRESSED: (cont.)

2. Human Relations - Use social interactive skills to work in groups, as assigned, to complete minimum skill requirements.

GENERAL COURSE OBJECTIVES:

At the end of the course the student will be able to:

1. Recognize the major parts of a welding symbol
2. List the major operations described in a welding symbol
3. Interpret any welding symbol using a systematic plan
4. Relate welding symbols to actual fabrications as specified

TOPICAL OUTLINE	APPROX. HOURS
I. Purpose & function of welding symbols	1
II. The scheme of welding symbols	5
III. Examples of welding symbols	5
IV. Sketching welding symbols	2
V. Interpreting welding symbols on blueprints	<u>9</u>
Total	22

Detailed Topical Outline is available separately

REVISED BY: John Todd
DATE: January 20, 2003