COURSE OUTLINE
Revision: R. Squirrell July 14, 2009

DEPARTMENT: Manufacturing Technology
CURRICULUM: Welding Fabrication Technology
COURSE TITLE: Workplace Standards (Career Link)
COURSE NUMBER: WFT 093
TYPE OF COURSE: Vocational Supplemental
COURSE LENGTH: 1 quarter
CREDIT HOURS: Variable 2 - 60
LECTURE HOURS: 10 - 20
LAB HOURS: 20 - 80
CLASS SIZE: 15
PREREQUISITES: WFT 091 (Welding Processes Introduction) and WFT 092 (Fabrication and Layout)

COURSE DESCRIPTION:
Application of welding basic procedures and skills to meet minimum metal fabrication standards as well as workplace responsibilities.

STUDENT LEARNING OUTCOMES ADDRESSED:

1. Human Relations - Communicate and work in groups to complete skill activities
2. Communication - Listen and follow directions accurately
3. Personal Responsibility - Demonstrate basic layout skills. Follow good practices and procedures for tools and equipment

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STUDENT LEARNING OUTCOMES ADDRESSED: (cont.)

4. Computation - Use measuring and basic math for efficient project layouts

GENERAL COURSE OBJECTIVES:

At the end of the course the student will:

1. Develop further expertise in applying the welding skills
2. Design and execute workmanship samples demonstrating specific certifiable standards/procedures of the industry
3. Explain the rights and responsibilities for employment within the metal trades

TOPICAL OUTLINE:

| I. Overview of course                           | APPROX. HOURS |
| II. Review of safety and equipment             |
| III. Workplace requirements                   |
| A. On-the-job technical skills requirements   |
| B. Safety procedures/standards                |
| C. Environmental standards                    |
| IV. Standards and etiquette in the workplace  |
| A. Interpersonal relations                     |
| B. Chain of command                           |
| C. Union affiliation/information               |
| D. Work “ethic”                               |
| V. Project applications                        |

Total hour are variable

REVISED BY: Rodger Squirrel
DATE: January 19, 2003

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