

LABETTE COMMUNITY COLLEGE BRIEF SYLLABUS

SPECIAL NOTE:

This brief syllabus is not intended to be a legal contract. A full syllabus will be distributed to students at the first class session.

TEXT AND SUPPLEMENTARY MATERIALS USED IN THE COURSE (if any):

Please check with the LCC bookstore, <http://www.labette.edu/bookstore>, for the required texts for this class.

<u>COURSE NUMBER:</u>	WELD 120
<u>COURSE TITLE:</u>	Welding Cutting Processes
<u>SEMESTER CREDIT HOURS:</u>	3
<u>DEPARTMENT:</u>	Welding
<u>DIVISION:</u>	Career Technical Education
<u>PREREQUISITES:</u>	None
<u>REVISION DATE:</u>	8/25/17

COURSE DESCRIPTION:

Skills will be developed in oxy-acetylene welding, cutting, and repair. Safety is emphasized. Interpret the safety rules for using Oxy-Acetylene equipment. An extensive study into the technology of systems used in today's field of welding – manufacturing, construction, power/energy, transportation, fabrication, and piping processes. The format is lecture, demonstration, student application, and evaluation.

COURSE OUTCOMES AND COMPETENCIES:

Students who successfully complete this course will be able to:

1. The student will be able to demonstrate the safe and correct set up, operation and shut down of the Oxy-fuel (OFW) workstation
 - Use the proper personal protective equipment (PPE)
 - Identify safety hazards of the equipment
 - Properly set up the equipment
 - Properly light and adjust the torch
 - Make a variety of quality cuts
 - Properly shut down the equipment

2. The student will be able to perform selected OFW and TB assignments

- Use the proper PPE
- Perform selected OFW assignments to a standard
- Perform selected TB assignments to a standard