COURSE DESCRIPTIONS BY COURSE DISCIPLINE PREFIX

WLD WELDING

WLD-110 Cutting Processes 2 (1-3) Spring
Prerequisites: None
Corequisites: None
This course introduces oxy-fuel and plasma-arc cutting systems. Topics include safety, proper equipment setup, and operation of oxy-fuel and plasma-arc cutting equipment with emphasis on straight line, curve and bevel cutting. Upon completion, students should be able to oxy-fuel and plasma-arc cut metals of varying thickness.(2013 FA)

WLD-111 Oxy-Fuel Welding 2 (1-3) AND
Prerequisites: None
Corequisites: None
This course introduces the oxy-fuel welding process. Topics include safety, proper equipment setup, and operation of oxy-fuel welding equipment with emphasis on bead application, profile, and discontinuities. Upon completion, students should be able to oxy-fuel weld fillets and grooves on plate and pipe in various positions. (1997 SU)

WLD-112 Basic Welding Processes 2 (1-3) AND
Prerequisites: None
Corequisites: None
This course introduces basic welding and cutting. Emphasis is placed on beads applied with gases, mild steel fillers, and electrodes and the capillary action of solder. Upon completion, students should be able to set up welding and oxy-fuel equipment and perform welding, brazing, and soldering processes.(1997 SU)