

COURSE SLO STATEMENTS REPORT

ECC - WELDING

Course ID	Course Name	Course SLO Title	Course SLO Statement	Course SLO Status	Input Date
ECC: WELD 1	Introduction to Welding (COMPTON-ONLY COURSE - NO LONGER OFFERED AT ECC)	SLO #1 (INACTIVE)	(INACTIVE) Students will be able to demonstrate basic knowledge of welding concepts.	Inactive	08/19/2014
ECC: WELD 1	Introduction to Welding (COMPTON-ONLY COURSE - NO LONGER OFFERED AT ECC)	SLO #2 (INACTIVE)	(INACTIVE) Welding students will produce quality welds utilizing various welding techniques.	Inactive	08/19/2014
ECC: WELD 1	Introduction to Welding (COMPTON-ONLY COURSE - NO LONGER OFFERED AT ECC)	SLO #3 (INACTIVE)	(INACTIVE) Students will be able to demonstrate the safe set up and operation of welding equipment using all applicable personal protective equipment.	Inactive	08/19/2014
ECC: WELD 10A	Introduction to Shielded Metal Arc Welding (SMAW)	SLO #1	Students will be able to demonstrate the safe set up and operation of welding equipment using all applicable personal protective equipment.	Active	08/19/2014
ECC: WELD 10A	Introduction to Shielded Metal Arc Welding (SMAW)	SLO #2	Safe operation of manual and semi-automatic base metal cutting tools.	Active	08/19/2014
ECC: WELD 10A	Introduction to Shielded Metal Arc Welding (SMAW)	SLO #3	Students will have a basic understanding how heat affects their weldment.	Active	08/19/2014
ECC: WELD 10B	Intermediate Shielded Arc Metal Welding (SMAW)	SLO #1	Welding students will produce quality welds utilizing various welding techniques.	Active	08/19/2014
ECC: WELD 10B	Intermediate Shielded Arc Metal Welding (SMAW)	SLO #2	Students will understand Blueprint symbols and their relationship to the weldment.	Active	08/19/2014
ECC: WELD 10B	Intermediate Shielded Arc Metal Welding (SMAW)	SLO #3	Student will exhibit knowledge in electrode identification, weldability of metals, joint design and power sources.	Active	08/19/2014
ECC: WELD 10C	Advanced Certification and Career Preparation Lab	SLO #1	Student will perform destructive test on a qualification plate exam(guided bend tests).	Active	08/19/2014
ECC: WELD 10C	Advanced Certification and Career Preparation Lab	SLO #2	Students will have working knowledge of manual and semi-automatic tooling used in industry.	Active	08/19/2014
ECC: WELD 10C	Advanced Certification and Career Preparation Lab	SLO #3	Student will safely operate equipment and exhibit shop safety throughout course.	Active	08/19/2014
ECC: WELD 15	Basic Weldng for Allied Fields	SLO #1 Welding Concepts	Students will be able to demonstrate basic knowledge of welding concepts.	Active	11/29/2013
ECC: WELD 15	Basic Weldng for Allied Fields	SLO #2 Safe Setup & Operation	Students will be capable of the safe set up and operation of welding equipment.	Active	11/29/2013
ECC: WELD 15	Basic Weldng for Allied Fields	SLO #3 Welding Process Selection	Capability to choose an electrode or process that suits the metal thickness, joint fit up, and alloy composition.	Active	11/29/2013
ECC: WELD 23	Advanced Arc Welding Specialty Lab	SLO #1 3G and 4G Positions	Welding students will produce quality weld in the 3G And 4G positions	Active	11/29/2013
ECC: WELD 23	Advanced Arc Welding Specialty Lab	SLO #2 Joint Fit-Up	Students will have a developed understanding of the importance of joint fit up	Active	11/29/2013
ECC: WELD 23	Advanced Arc Welding	SLO #3 D1.1 Certification	At the completion of this course, students will be prepared to take the	Active	11/29/2013

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ECC: WELD 23	Specialty Lab	SLO #3 D1.1 Certification	practical exam for their D1.1 certification.	Active	11/29/2013
ECC: WELD 28	American Welding Society (AWS) D1.1 Certification Test Preparation	SLO #1 Preparing for Certification Exams	Students will be able to locate and use charts, index and table of contents to answer open book questions to prepare for the exam.	Active	11/29/2013
ECC: WELD 28	American Welding Society (AWS) D1.1 Certification Test Preparation	SLO #2 D1.1 Written Exam Prep	At the completion of this course, students will be prepared to take the written exam for their LA City D1.1 Structural Steel certification.	Active	11/29/2013
ECC: WELD 28	American Welding Society (AWS) D1.1 Certification Test Preparation	SLO #3 Welding Procedure Specifications	Capability to process Welding Procedure Specifications (WPS), which provides direction to the welder or welding operators for making sound and quality production welds as per the code	Active	11/29/2013
ECC: WELD 40A	Gas Tungsten Arc Welding (GTAW), Gas Metal Arc Welding (GMAW)	SLO #1 TIG Weld Concepts	Students will be able to express a basic knowledge of TIG welding concepts.	Active	11/29/2013
ECC: WELD 40A	Gas Tungsten Arc Welding (GTAW), Gas Metal Arc Welding (GMAW)	SLO #2 GTAW Gases	Students will be able to demonstrate a knowledge of the gases used for the GTAW processes.	Active	11/29/2013
ECC: WELD 40A	Gas Tungsten Arc Welding (GTAW), Gas Metal Arc Welding (GMAW)	SLO #3 Constant Current Welding	Students will be able to correctly set up and use a constant current welding machine	Active	11/29/2013
ECC: WELD 40B	Intermediate Gas Tungsten Arc Welding (GTAW)	SLO #1	Safely set up weldment and GTAW equipment.	Active	08/19/2014
ECC: WELD 40B	Intermediate Gas Tungsten Arc Welding (GTAW)	SLO #2	Correctly adjust welding parameters to produce quality weldments in and out of position.	Active	08/19/2014
ECC: WELD 40B	Intermediate Gas Tungsten Arc Welding (GTAW)	SLO #3	Produce GTAW weldment according to administered blueprint.	Active	08/19/2014
ECC: WELD 40C	Advanced Gas Tungsten Arc Welding (GTAW)	SLO #1	Apply the proper safety procedures and precautions required when working with GTAW.	Active	08/19/2014
ECC: WELD 40C	Advanced Gas Tungsten Arc Welding (GTAW)	SLO #2	Use the appropriate equipment and materials to develop the welds and weld joints illustrated on a job sheet.	Active	08/19/2014
ECC: WELD 40C	Advanced Gas Tungsten Arc Welding (GTAW)	SLO #3	Produce a quality "out of position" weldment and adjust his welding parameters accordingly.	Active	08/19/2014
ECC: WELD 45	Structural Fabrication	SLO #1 Safe Setup & Operation	Students will be able to demonstrate the safe set up and use of various welding and cutting apparatus.	Active	03/01/2017
ECC: WELD 45	Structural Fabrication	SLO #2 Job Skills	Students will be prepared to demonstrate job skills required for fabrication layout	Active	02/07/2015
ECC: WELD 45	Structural Fabrication	SLO #3 Measuring Tools	Students will be able to correctly use measuring tools necessary for fabrication projects.	Active	11/29/2013