

**DE ANZA COLLEGE**  
**Student Learning Outcomes (SLOs) Assessment Report**  
**Mapping Program Level Outcomes to Institutional Core Competencies**

**Program/Certificate/Degree Name:**

Certificate: Computer-Aided Design - AS

**Date:**

4-May-11

**Division (if applicable):**

Business/Computer Systems

**Program Contact Person:**

Lamit

**Phone:**

5648

See instructions for ICCs reference numbers "Expanded ICCs" tab below. Every program will need an individual sheet. Attach additional pages as necessary.

Name as DEPT_PLO_ProgramName.xls		Submit as e-mail attachment to outcomes@deanza.edu			
ICC Number #'s	Program Level Outcomes	Means of Assessment and Criteria for Success	Summary of Data Collected	Use of Results	Timeline for Program Modification
5b,5c,5g	Solve basic and complex design problems using industry-standard 2-D and 3-D CAD (Computer-Aided Design) software, and have knowledgeable expertise in GD&T design requirements for engineering documentation.	Final Engineering documentation package as per SLO's			
1a,2b,2d	Apply the fundamentals of CAD to well-established disciplines such as mechanical, electrical, and civil/structural engineering. Also in view are 'new' areas, from architectural design at one end of the scale, to just larger than nano-scale mechanisms on the other.	Final Engineering documentation package as per SLO's			
1a, 2c, 1c	Create and maintain design drawings & specifications in accordance with commonly accepted industry standards, such as ASME Y14.x, ISO (International Standards Organization), JIS (Japanese Industry Standard), etc.	Final Engineering documentation package as per SLO's			
3d, 3f	Employer Satisfaction: A CDI graduate's concurrent technical expertise in several CAD design tools meets or exceeds industry standards and employers expectations. The CDI Associate Graduate has expertise with at least three separate CAD programs. In addition, CDI Associate graduates will find their expertise commensurate with entry- to mid-level expertise in Industrial Design & Engineering functions.	Final Engineering documentation package as per SLO's			

**DE ANZA COLLEGE**  
**Student Learning Outcomes (SLOs) Assessment Report**  
**Mapping Program Level Outcomes to Institutional Core Competencies**

**Program/Certificate/Degree Name:**

Certificate: Computer-Aided Design - Mechanical certificate

**Date:**

4-May-11

**Division (if applicable):**

Business/Computer Systems

**Program Contact Person:**

Lamit

**Phone:**

5648

See instructions for ICCs reference numbers "Expanded ICCs" tab below. Every program will need an individual sheet. Attach additional pages as necessary.

Name as DEPT_PLO_ProgramName.xls		Submit as e-mail attachment to outcomes@deanza.edu			
ICC Number #'s	Program Level Outcomes	Means of Assessment and Criteria for Success	Summary of Data Collected	Use of Results	Timeline for Program Modification
5b,5c,5g	Solve basic and complex design problems using industry-standard 2-D and 3-D CAD (Computer-Aided Design) software.	Final Engineering documentation package as per SLO's			
1a,2b,2d	Apply the fundamentals of 2-D and 3-D CAD to well-established disciplines such as mechanical engineering and industrial design.	Final Engineering documentation package as per SLO's			
1a, 2c, 1c	Create and maintain design drawings & specifications in accordance with commonly accepted industry standards, such as ASME Y14.x, ISO (International Standards Organization), JIS (Japanese Industry Standard), etc.	Final Engineering documentation package as per SLO's			
3d, 3f	Employer Satisfaction: A CDI graduate's concurrent technical expertise in several CAD design tools meets or exceeds industry standards and employers expectations. The CDI Mechanical certificate holder has proficiency in three separate CAD programs. In addition, CDI Mechanical graduates will find their expertise commensurate with entry- to mid-level expertise in Industrial Design & Engineering functions.	Final Engineering documentation package as per SLO's			

**DE ANZA COLLEGE**  
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**Program/Certificate/Degree Name:**

Certificate: Creo (formally Pro/ENGINEER)

**Date:**

4-May-11

**Division (if applicable):**

Business/Computer Systems

**Program Contact Person:**

Lamit

**Phone:**

5648

See instructions for ICCs reference numbers "Expanded ICCs" tab below. Every program will need an individual sheet. Attach additional pages as necessary.

Name as DEPT_PLO_ProgramName.xls		Submit as e-mail attachment to outcomes@deanza.edu			
ICC Number #'s	Program Level Outcomes	Means of Assessment and Criteria for Success	Summary of Data Collected	Use of Results	Timeline for Program Modification
5b,5c,5g	Solve basic and complex design problems using industry-standard parametric 3-D CAD (Computer-Aided Design) software (Creo).	Final Engineering documentation package as per SLO's			
1a,2b,2d	Apply the fundamentals of parametric 3-D CAD to industry disciplines including but not limited to mechanical engineering and industrial design.	Final Engineering documentation package as per SLO's			
1a, 2c, 1c	Create and maintain design drawings & specifications in accordance with commonly accepted industry standards, including ASME Y14.	Final Engineering documentation package as per SLO's			
3d, 3f	Employer Satisfaction: CDI Creo graduate's technical expertise meets or exceeds industry and employers requirements. In addition, CDI Creo certificate holders will find their job skills commensurate with entry- to mid-level expertise in Industrial Design & Engineering functions.	Final Engineering documentation package as per SLO's			