

**Course Evaluation Measures Menu**

**Course number: EDD 161**

**Course title: Introduction to CAD using Microstation**

**Campus location(s): Stanton**

**Effective semester: 202351**

**Core Course Performance Objectives**

1. Initiate CAD drawings with appropriate values for all settings. (CCC 1, 2, 3, 4, 5, 6; PGC 1, 3)

 **2.** Demonstrate the use of fundamental CAD drawings and editing commands. (CCC 1, 2, 3, 4, 5, 6; PGC 1, 3)

 **3.** Make basic 2D drawings of mechanical, architectural, civil, and other engineering applications, complete with the necessary views, dimensions, and notes. (CCC 1, 2, 3, 4, 5, 6; PGC 1, 2, 3, 4, 5)

 **4.** Use both the printer and plotter to make hard copies of drawings. (CCC 1, 2, 3, 4, 5, 6;

 PGC 1, 4)

**Summative Evaluations**

*Please note: All courses must have a* ***minimum******of four*** *summative evaluation measures, and those measures should include a variety evaluation methods (e.g., test, oral presentation, group project).* ***Please list all summative evaluation measures.*** *In addition to these summative measures, a variety of formative exercises/quizzes/other assignments should be used to guide instruction and learning* *but do not need to be included on this template.*

*For each measure, please include a scope of the assignment: for example, if requiring a research paper, include the range of required number of words and numbers and types of sources; for a test, include the types and numbers of questions; for a presentation, include the minimum and maximum time, and so on.*

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| **Evaluation Measures:** Include each agreed upon measure and scope of that measure (see above). | **Which CCPO(s) does this evaluation measure?**  |
| **Drawing Exercises** * Minimum of 50 CAD drafting exercises.
 | **1, 2, 3, 4** |
| **Exam-1** This midterm exam consists of 50 multiple choice questions and 50-point CAD drawing exercise. | **1, 2, 3, 4** |
| **Exam-2** This final exam consists of a 100-point CAD drawing exercise exam. | **1, 2, 3, 4** |
| **Assessments:** * Minimum of 10 assessments
* Equally Weighted
* Selection of short answer, quizzes, Microstation online exams.
 | **1, 2, 3, 4** |

**FINAL COURSE GRADE**

(Calculated using the following weighted average)

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| **Evaluation Measure** | **Percentage of final grade** |
| Formative: Drawing Exercises  | 40% |
| Summative: 2 Exams (Equally Weighted) | 50% |
| Summative: Assessments (short answer, quizzes, Microstation online exams). (Equally Weighted) | 10% |
| TOTAL | 100% |

(Electronic Signature Permitted)

**Submitted by (Collegewide Lead):** Chris Chamberlain Date 10/7/2021

**[ ]  Approved by counterparts** Stanton Only Course Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**[ ]  Reviewed by Curriculum Committee**  Date