

Assessment: Course Four Column



Courses (CT) - CADD

CADD 121: Cad for Land Surveyors

Course Outcomes	Assessment Measures	Results	Actions
<p>Elements of best practice in the creation of survey plats and maps - Implement “elements of best practice’ in the creation of survey plats and maps</p> <p>Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/05/2017</p>	<p>Quiz - Quizzes 1-4 Criterion: 80% of all students will score a 70% or better.</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 16/20 80% (02/15/2018)</p>	<p>Action: Review timing of Quiz #4 as the mean score is 65%. It appears students are taking the quiz before doing lab 6, where point labeling is introduced. Placing a Canvas prerequisite (i.e. finish lab 6 before taking quiz 4) for this quiz is the proper approach. (02/15/2018)</p>
<p>AutoCad commands to create a survey drawing - Execute common AutoCad commands to create a survey drawing</p> <p>Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/05/2017</p>	<p>Assignment - Lab - Labs 1-6 Criterion: 80% of all students will score a 70% or better.</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 10/10 100% (02/15/2018)</p>	<p>Action: No action required other than keep software current with the textbook. (02/15/2018)</p>
<p>Create and label contour lines using surface model - Create and label contour lines using surface model</p> <p>Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/05/2017</p>	<p>Exam - Midterm Criterion: 80% of all students will score a 70% or better.</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 81/100 81% (02/15/2018)</p>	<p>Action: No action required other than keep software current with the textbook. (02/15/2018)</p> <p>Follow-Up: This course offers an introduction to computer-aided drafting (CAD) software to create survey plats and topographic maps. This course is designed to help facilitate and convey the basic concepts of Computer Aided</p>

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			<p>Drafting (CAD) and its associated components in relation to land surveying. Students who have a limited CAD background will find the recommended textbook--- A Practical Guide to Carlson Software Fundamentals 2017, authored by Rick Ellis, a useful resource to further enhance their fundamental knowledge base for performing CAD related tasks within Carlson 2017 Software. Students did very well with the textbook lab assignments with 80% of the students scoring above 70% on all measurable outcomes.</p> <p>Students were not as successful on the CADD 121 quizzes and exams that I developed for a richer blend of drafting experiences. Still 80% of the students scored above 70% on all measurable outcomes. One note of concern is quiz #4 where the average score is a 65%. It appears students are taking the quiz before doing all of lab 6, where point labeling is introduced. Placing a Canvas prerequisite (i.e. student must finish all of lab 6 before taking quiz 4) for this quiz would address these low scores.</p> <p>It should be noted that Carlson Software and Cadapult Press teamed up in January of 2017 to offer a student book/software bundle. This bundle now saves the student 100.00 dollars off the cost of ordering them separately,</p>

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			as they originally sold for 200.00 for both the text and software. I can't take credit for the partnership, but this was a very nice gesture from Carlson and Cadapult. (02/15/2018)