

Assessment: Course Four Column



Courses (CT) - Surveying

SUR 290: Intro Urban Development

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Impact of local government planning and zoning requirements - Describe the impact of local government planning and zoning requirements, permitting, and subdivision ordinances on the land development process.</p> <p>Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/05/2017</p>	<p>Assignment - Lab - Lab 2.5 NPDES Criterion: 80% of all students will score a 70% or better.</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes and No 15/20 75% (02/15/2018)</p>	<p>Action: No action required other than new video lectures. (02/15/2018)</p>
<p>Federal and state environmental regulations on land development and construction surveying - Describe the impact of federal and state environmental regulations on land development and construction surveying.</p> <p>Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/05/2017</p>	<p>Quiz - Quiz 3 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: No action required other than new video lectures. (02/15/2018)</p>
<p>Surveyor's responsibilities with respect to state standards of practice - Explain the surveyor's responsibilities with respect to state standards of practice, Alta/ACSM Land Title Surveys, and FEMA Elevation Certificates.</p>	<p>Assignment - Lab - Lab 2 Standards of Practice Criterion: 80% of all students will score a 70% or better.</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 19/20 95% (02/15/2018)</p>	

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<p>Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/05/2017</p>			
<p>Nomenclature and classifications used to describe different types and patterns of land development - Define the nomenclature and classifications used to describe different types and patterns of land development. Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/05/2017</p>	<p>Exam - Midterm Exam Criterion: 80% of all students will score a 70% or better.</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 90/100 90% (02/15/2018)</p>	
<p>Scope of the typical market analysis and feasibility studies - Examine the scope of the typical market analysis and feasibility studies conducted by the land developer. Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/05/2017</p>	<p>Exam - Midterm Exam Criterion: 80% of all students will score a 70% or better.</p>	<p>Reporting Period: 2016-2017 Criterion Met: Yes 90/100 90% (02/15/2018)</p>	
<p>Calculate and determine the catch points - Calculate and determine the catch points in slope staking by the trial and error method, complete route survey design, use of marking stakes, and apply radial stakeout Course Outcome Status: Active Next Assessment: 2021-2022 Start Date: 09/05/2017</p>	<p>Exam - CSM Exam Criterion: 80% of all students will score a 70% or better.</p>	<p>Reporting Period: 2016-2017 Criterion Met: No 32/50 64% (02/15/2018)</p>	<p>Action: Find material that better describes the staking process. Create and add video to show actual field practice. (02/15/2018) Follow-Up: This course offers an introduction to the process of land development and construction layout. An emphasis is placed on those Nevada State Statutes that define the duties of the Professional Land Surveyor in the subdivision of land. Topics include standards and procedures associated with urban development involving Topographic Mapping, ALTA/ACSM Title Surveys, Standards of Practice, Elevation</p>

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			<p>Certificates, and Subdivision Design. Students did very well within these topics of study with 80% of the students scoring above 70% on all measurable outcomes.</p> <p>Students were not as successful on the construction-surveying portion of this course that is complemented with a programmed Construction Survey Module (CSM). This CSM is a self-paced guided study through many construction survey practices including radial stakeout, gravity-flow pipeline surveys, foundation layout, route survey, staking conventions and standards, slope staking. 80% of the students scored below a 70% on the CSM, which means this material needs to be delivered in a different manner.</p> <p>The newest textbook was not always synced with the assignments that relied on an earlier version. The problem was fixed, as all assignments were checked, edited, and verified. The video lectures are dated and need to be updated with the latest NRC changes. Lab 5 is in need of a major change and should be a priority fix. The CSM quizzes and exams need edits, especially the slope staking by the trial and error method, complete route survey design, use of marking stakes, and apply radial stakeout.</p>

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Internal assessment by the LSG department ranks SUR 290 as a #4, meaning this course is now due for a makeover.
(02/15/2018)