Course Syllabus  
CON 160  
Fundamentals of Surveying

Faculty:  
Telephone:  
Email:  
Office Hours:  By appointment  
Class Time:

Course Description:  
This introductory course covers the elements of surveying such as stakeout computations, elevations, field notes, tools, location surveys, closure surveys, linear measure for distance and traversing. Two hours lecture two hours laboratory per week.

Textbook:  

Course Objectives:  
Upon completion of this course, the student will be able to:
1. Describe and use surveying tools and instruments  
   Assessment Strategy: Exam questions, quizzes and homework. *

2. Describe state minimal standards for survey types  
   Assessment Strategy: Exam questions, quizzes and homework. *

3. Establish proposal criteria  
   Assessment Strategy: Exam questions, quizzes and homework. *

4. Effectively follow field procedures accepted by local professional surveyors  
   Assessment Strategy: Exam questions, quizzes and homework. *

5. Use traverse techniques to establish survey control  
   Assessment Strategy: Exam questions, quizzes and homework. *

*Note: Assessment Strategy There is a required Graded internet/media\database assignment  
Note: Addresses GEO objectives 1,2,3,4,6

COURSE REQUIREMENTS (Grading/Exams-varies by instructor):  
Grading will be determined on the basis of tests, homework assignments, quizzes, Electronic Library project, and a comprehensive final exam. A lab grade will be entered for each scheduled lab for participation and progress toward course objective.

ATTENDANCE  
Students are urged to attend all lecture and laboratory periods.

GRADING (The course grade will be determined as follows –varies by instructor):

Attendance  10%  Conversion of numeric average to final (letter) grade: 
Average of Exams  20%  90 – 100 = A
### Homework
- **10%**
  - 80 – 89 = B

### Labs
- **25%**
  - 70 – 79 = C

### Electronic Library Project
- **15%**
  - 60 – 69 = D

### Final Exam
- **20%**
  - 0 – 59 = F

**Total**
- **100%**

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**ACADEMIC HONESTY**

Academic honesty is expected of all students

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**BLACKBOARD STATEMENT:**

Blackboard is being used as a supplementary site in this course. In the event of a flu epidemic or other emergency that results in the suspension of classes Blackboard will be used to complete course

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**H1N1 STATEMENT:**

In the event of a flu epidemic or other emergency that results in the suspension of classes, faculty will be communicating with students about their courses and course requirements, such as assignments, quiz and exam dates, and class and grading policies, via faculty websites or Blackboard. Students will be responsible for completing all these assignments in accordance with class policies. Information about the resumption of classes will be communicated via the College's Blackboard and email system.
Conversion of numeric average to Final (Letter) Grade:

90 - 100 = A
80 - 89  = B
70 - 79  = C
60 - 69  = D
0 - 59   = F

**Attendance**

Students are urged to attend all lecture and laboratory periods. However, if a class is missed, it is the student's responsibility to determine what material was covered in class and to come to the next class prepared to actively participate. Absence from a quiz or test will result in a grade of zero. However, if the absence is due to mitigating circumstances, as determined by the faculty member, a make up quiz or test may be given. Missed labs may be coordinated with the faculty member.

**Academic Honesty**

Academic honesty is expected of all students at all times. Cheating and plagiarism are violations of academic honesty. If academic honesty is suspected, a student may receive a failing grade on a test or quiz. Discussion will occur before penalties are given. Purposeful dishonesty may be reported to the Student Conduct Committee (see College Catalog). Students may appeal any penalty through the Student Conduct Committee (see College Catalog). Cheating occurs when one uses deceitful means without footnoting and misrepresenting one's work by using the work of others without credit.