Syllabus

Advanced Surveying (FOR 463)
(Spring 2020)

Instructor: Dr. Yanli Zhang
Office: Forestry 122
Email: zhangy2@sfasu.edu
Phone: (936) 468-2157

Office hours: Tuesday 1:00pm -3:00pm, Wednesday 9:00am-12:00pm

Course Description: 3 semester hours and the course will explore advanced survey knowledge and technology.

Program Learning Outcomes:
A. Demonstrate understanding and competency of advanced survey knowledge;
B. Demonstrate understanding and competency of advanced survey technology.

Student learning outcomes
Upon successful completion of the course, students will demonstrate understanding and competency of least square adjustment, horizontal curves, vertical curves, volume, spirals, map projections, construction survey and land development.

Textbook

Tentative course calendar

Week 1, syllabus
Week 2, least square adjustment, mean, median
Week 3, horizontal curve 1
Week 4, horizontal curve 2
Week 5, vertical curve 1
Week 6, vertical curve 2
Week 7, construction survey
Week 8, midterm
Week 9, spring break
Week 10, volume
Week 11, PLSS
Week 12, Projection
Week 13, land boundary law
Week 14, plat
Week 15, calculator programming
Week 16, course summary
Course Requirements:
Good grade (A or B) of FOR 223 (Surveying and Mapping).

Grading Scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Score Range</th>
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<tbody>
<tr>
<td>A</td>
<td>900 – 1000</td>
</tr>
<tr>
<td>B</td>
<td>800 – 899</td>
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<tr>
<td>C</td>
<td>700 – 799</td>
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<tr>
<td>D</td>
<td>600 – 699</td>
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<tr>
<td>F</td>
<td>599 or less</td>
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Academic Integrity (A-9.I)

Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

Definition of Academic Dishonesty

Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one's paper without giving the author due credit.

Please read the complete policy at [http://www.sfasu.edu/policies/academic_integrity.asp](http://www.sfasu.edu/policies/academic_integrity.asp)

Withheld Grades Semester Grades Policy (A-54)

Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.

Students with Disabilities

To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to [http://www.sfasu.edu/disabilityservices/](http://www.sfasu.edu/disabilityservices/).

Acceptable Student Behavior

*Classroom behavior should not interfere with the instructor’s ability to conduct the class or the ability of other students to learn from the instructional program (see the Student Conduct Code, policy [www.sfasu.edu](http://www.sfasu.edu)).*
D-34.1). Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic or other penalties. This prohibition applies to all instructional forums, including electronic, classroom, labs, discussion groups, field trips, etc. The instructor shall have full discretion over what behavior is appropriate/inappropriate in the classroom. Students who do not attend class regularly or who perform poorly on class projects/exams may be referred to the Early Alert Program http://www.sfasu.edu/judicial/earlyalert.asp. This program provides students with recommendations for resources or other assistance that is available to help SFA students succeed.

**Responsible use of technology:** It is expected that all students will only use cell phones, PDAs, laptop computers, MP3 players and other technology outside of class time or when appropriate in class. Answering a cell phone, texting, listening to music or using a laptop for matters unrelated to the course may be grounds for dismissal from class or other penalties.

**D2L**

For D2L technical support, contact student support in the Office of Instructional Technology (OIT) at d2l@sfasu.edu or 936-468-1919. If you call after regular business hours or on a weekend, please leave a voicemail.

For general computer support (not related to D2L), contact the Technical Support Center (TSC) at 936-468-HELP (4357) or at helpdesk@sfasu.edu.

To learn more about using D2L, visit SFA ONLINE at http://sfaonline.sfasu.edu, where you’ll find written instructions and video tutorials.

**Syllabus Changes:**

The instructor reserves the right to make changes as necessary to this syllabus.