

LSIT / FS Examination Prep

SURV 271 – 5 Credits – Aug to Oct 2011



Class Description:

This advanced class prepares the LSIT candidate to take the NCEES Civil FS Exam. In addition, the class provides a venue for candidates to meet and form study groups to further prepare for the exam. This class includes test taking strategies and two proctored sample exams to help the LSIT candidates prepare for the exam.

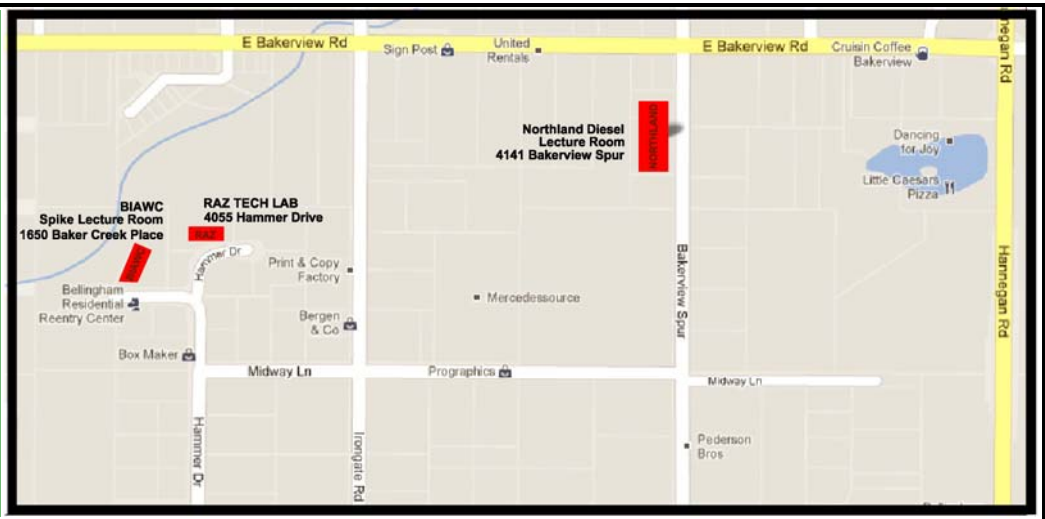
Location:

August Classes:

**RAZZ Building
Technology Lab Room
1650 Baker Creek Place
Bellingham, WA 98226**

September Classes:

**Pacific Surv. & Engr.
Conference Room
1812 Cornwall Avenue
Bellingham, WA 98225**



Dates and Times:

The class is scheduled to run on **Wednesday and Thursday evenings at 6:00-9:00 PM from August 2nd to October 20th**. Please see the Class Calendar on the third page for course schedule and material.

Registration:

This special class has a maximum capacity of (10) students. Program enrolled students have seniority for this class and should register online three-weeks before the class begins. Continuing education students may begin registering online two-weeks before the class begins. Students may also send class registrations by mail to the following address:

**Washington Engineering Institute
Registration Office
PO Box 483
Custer WA 98240**

Class Materials Provided by the Institute:

- Lecture handouts as needed.

Class Materials Provided by the Student:

- **Surveyor Reference Manual, 5th Edition** by George Cole, PhD, PE, PLS, Published by Professional Publications, Inc. ISBN: 9781591261742.
- **Fundamentals of Surveying Sample Examination, 3rd Edition** by George Cole, PhD, PE, PLS, Published by Professional Publications, Inc. ISBN: 9781591260462.
- **Surveying Solved Problems for the FS and PS Exams, 3rd Edition** by George Cole, PhD, PE, PLS, Published by Professional Publications, Inc. ISBN: 9781591260844.
- **3-Ring Binder, Scientific Calculator, and Computation Paper**

Instructional Support Cadre

- Bob Morse, PLS (Instructor of Record)
- George Raper, PLS
- Dave C. Bren, PE, MSCE
- TBA
- Tom Brewster, PLS (Boundary Law)
- Adam Morrow, PLS (GIS)
- Don Burdick (GIS)
- John Hoxeng, PLS (Plane Survey)
- Bob Gilda (Math)
- Susan Dickinson (Math)
- Larry Steele, PLS
- TBA

Format:

Wednesday Lectures:

6:00 PM – Class setup and first hour
6:50 PM – Break
7:00 PM – Class
7:50 PM – Break
8:00 PM – Class last hour

Thursday Study Groups: An open study group for the class to study as a team the night after each subject is lectured. Students will learn by teaching, discussing, and supporting each other as a team. In short, students learn more efficiently in a team than by themselves, as there is a team to ask questions of whenever one is stuck on a concept.

Final Exam and Grades:

Students will be graded by attendance (50%) and by classroom effort and character (50%). It should be noted that attendance shall be taken at both lectures and the study groups. The course Instructors hold the sole authority to issue grades based on a 4.0 schedule as follows.

Grading legend

4.0	A
3.7	A-
3.3	B+
3.0	B
2.7	B-

2.4	C+
2.0	C
1.7	C-
1.3	D+
1.0	D
0.7	D-

AU	Class audited with no grade earned
EXP	Experiential credit granted per policy
EDU	Prior education credit granted per policy
I	Incomplete – Instructor Allows Extra Time to Complete
W	Withdrawn from class

Aug/Sept 2011 – LSIT / FS Examination Preparation – SURV 271

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	2	3	4	5	6	7
	MATH I - 6-9 PM Lecture 1 <ul style="list-style-type: none"> Algebra Trigonometry 		MATH I - 6-9 PM Study Group 1 <ul style="list-style-type: none"> Algebra Trigonometry 			
8	9	10	11	12	13	14
	MATH II - 6-9 PM Lecture 2 <ul style="list-style-type: none"> Higher Math Probability, Statistics, Measurement Analysis, & Data Adjustment 		MATH II - 6-9 PM Study Group 2 <ul style="list-style-type: none"> Higher Math Probability, Statistics, Measurement Analysis, & Data Adjustment 			
15	16	17	18	19	20	21
	Plane Survey - 6-9 PM Lecture 3 <ul style="list-style-type: none"> Plane Survey Calculations 		Plane Survey - 6-9 PM Study Group 3 <ul style="list-style-type: none"> Plane Survey Calculations 			
22	23	24	25	26	27	28
	Field Data - 6-9 PM Lecture 4 <ul style="list-style-type: none"> Field Data Acquisition and Reduction 		Field Data - 6-9 PM Study Group 4 <ul style="list-style-type: none"> Field Data Acquisition and Reduction 			
29	30	31	1	2	3	4
	Sciences/Writing - 6-9 PM Lecture 5 <ul style="list-style-type: none"> Basic Sciences Written Communication 		Sciences/Writing - 6-9 PM Study Group 5 <ul style="list-style-type: none"> Basic Sciences Written Communication 			
5	6	7	8	9	10	11
		Practice Exam I - 6-9 PM Write Practice Exam I	Practice Exam I - 6-9 PM Review Practice Exam I			
12	13	14	15	16	17	18
		Boundary Law - 6-9 PM Lecture 7 <ul style="list-style-type: none"> Boundary Law Cadastral Law & Administration 	Boundary Law - 6-9 PM Study Group 7 <ul style="list-style-type: none"> Boundary Law Cadastral Law & Administration 			

Sept/Oct 2011 – LSIT / FS Examination Preparation – SURV 271

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
19	20	21 Photo & Graphics – 6-9 PM Lecture 8 <ul style="list-style-type: none"> • Photo/Image Data Acquisition and Reduction • Graphical Communication, Mapping 	22 Photo & Graphics – 6-9 PM Study Group 8 <ul style="list-style-type: none"> • Photo/Image Data Acquisition and Reduction • Graphical Communication, Mapping 	23	24	25
26	27	28 GIS & Land Development Lecture 9 <ul style="list-style-type: none"> • Geographic Info Systems • Land Development Principles 	29 GIS & Land Development Study Group 9 <ul style="list-style-type: none"> • Geographic Info Systems • Plane Survey Calculations 	30	1	2
3	4	5 Computers – 6-9 PM Lecture 10 <ul style="list-style-type: none"> • Computer Operations and programming 	6 Computers – 6-9 PM Study Group 10 <ul style="list-style-type: none"> • Computer operations and programming 	7	8	9
10	11	12 Business & Finance – 6-9 PM Lecture 11 <ul style="list-style-type: none"> • Business Law & Management • Economics and Finance 	13 Business & Finance – 6-9 PM Study Group 11 <ul style="list-style-type: none"> • Business Law and Management • Economics and Finance 	14	15	16
17	18	19 Practice Exam II – 6-9 PM Write Practice Exam II	20 Practice Exam II – 6-9 PM Review Practice Exam II	21	22	23
24	25	26 Study Session – 6-9 PM Study Group	27 Study Session – 6-9 PM Study Group	28 NCEES EXAM DAY	29	30



PO Box 483
 Custer WA 98240
admin@weiedu.org
 (360) 739-1428

Class Registration Form 2010 v2.0

Returning students with a Student ID do not need to fill out the gray portions of this form.

Name	
Address	
Phone	
Email	

Class Requested	SURV 271 – LSIT / FS Examination Preparation
Class Month / Date	Aug/Sept/Oct 2011

WAC 490-105-160 – State Licensed School Reporting Requirements:

Student ID #		
SSN #		
Date of Birth		
Gender		
Disability	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Race	<input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black/African American <input type="checkbox"/> Hawaiian Native or Pacific Islander <input type="checkbox"/> Hispanic <input type="checkbox"/> White/Caucasian <input type="checkbox"/> Multi-racial <input type="checkbox"/> Other	
Prior Education	<input type="checkbox"/> Less than high school graduation <input type="checkbox"/> GED <input type="checkbox"/> High School Graduate <input type="checkbox"/> Post H.S., no degree or certificate <input type="checkbox"/> Associate Degree <input type="checkbox"/> Bachelor Degree <input type="checkbox"/> Master or Doctorate Degree	GED Year _____ Graduation Year _____ Graduation Year _____ Graduation Year _____ Graduation Year _____
Name of Last School Attended		

Student Signature

Date