

Surveying II: (The Advanced) Short Course 2009

Sunday July 26, 2009 to Friday, July 31, 2009 Natural Resources Center Rm 1003

Check In Sunday 4:00 to 5:00 PM. 5:00 PM Orientation & Assignments

Reference Text: Elementary Surveying, 12th Edition (Wolf & Ghilani)

Time	Monday, July 27	Tuesday, July 28	Wednesday, July 29	Thursday, July 30	Friday, July 31
8:30 -10:30AM 10:30 to 12:30PM	Welcome Discuss homework Surveyor Responsibility & Liability; Prof. Practice; Surveying legal style, Surveyor in Court. (Text: Ch. 21) Instructors: <i>Dr. Stacey Lyle and Mark Kouwe</i>	Standards of Practice Basic Boundary Law Instructor: <i>Dr. Stacey Lyle</i>	Surveying Math: (Cont.) Instructors: <i>Dr. Stacey Lyle and Mark Kouwe</i>	8:00 to 10:00 AM TX Coord. System (Cont.) <i>Instructor: Bill Wedelich</i> Introduction to Aerial Photogrammetry (Text: Ch. 27) Instructor: <i>Dr. Stacey Lyle</i>	Reduce Observations Calculate Azimuth, Bearing Sokkia Ephemeris <i>Instructor: Mark Kouwe</i> Cost Estimation Project Planning, Control and Analysis Instructor: <i>Keith McNease</i>
12:30 -1:30PM	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
1:30 - 3:30PM 3:30 - 5:30PM	Surveyor in Court (Cont.) 1:00 - 2:00PM Instructor: <i>Mark Kouwe</i> 2:00PM Information in Texas General Land Office (Cont.) Original grants, parcels GLO Handout Material Instructor: <i>Bill Ohara</i>	Surveying Mathematics: Traverse closure, adjustment Area cut-off, circular curves, Plane coordinates. Area by coordinates. (Text: Ch. 10, 11, 12 & 24) Instructor: <i>Mark Kouwe</i> Above, continued Coordinate Transformation Least Squares Instructor: <i>Dr. Stacey Lyle</i>	Texas Coordinate System (Text: Chaps. 19 & 20) Instructor: <i>Bill Wedelich</i> Cont. Instructor: <i>Bill Wedelich</i>	Field (Text Ch. 13) Instructor: <i>Dr. Stacey Lyle</i> Introduction to Laser Scanning Instructor: <i>TBA</i> Intro. to Celestial Observ Field Observations Total Station Traverse (Text Ch. 18) Instructors: <i>Keith McNease and Mark Kouwe</i>	Land Surveying Practices Act & NCEES exam review Instructor: <i>Dr. Stacey Lyle</i> FINAL EXAM 2:45 - 4:00PM Distribute Certificates of Attendance
6:00-7:00PM	DINNER Catered in Blucher Institute	DINNER Catered in Blucher Institute	DINNER Catered in Blucher Institute	DINNER Catered in Blucher Institute	
7:00-9:00PM	Open evening, with Study/Reading Assignment Calculator Tutorial TBPLS Minimum Stds.	GIS/LIS (Text: Ch.28) Instructor: <i>Dr. Stacey Lyle</i>	Math Workshop GPS Circular Curves	Observation Calculations Traverse and GPS	