



SALINA SEMINAR SERIES

JANUARY 12 -14, 2017

Featured Speaker: Jay Kay Seymour, PS

Webster Conference Center, 2601 N. Ohio, Salina, KS

www.salinaseminarseries.org

Sponsored by: The Salina Chapter of the Kansas Society of Land Surveyors, Inc.



Jay Kay Seymour, PS

About the Speaker:

Jay Seymour, PS, has been a land surveyor for over 38 years, holding licenses in Kansas, Colorado and California. A third generation surveyor, he has been involved in the preparation and the administration of state exams for the registration of Land Surveyors and the grading of the exams that followed. Mr. Seymour has been an expert witness in boundary disputes in both Colorado and California. Currently Jay is an instructor for Lorman Education Services, having been involved in seminars for Law of Easements, Boundary Surveying, and Land Title Surveys. He most recently is involved in developing his own seminars with his company, Professional Land Consultants, Inc., a company he has owned since 1984. Jay is the current Past President of the California Land Surveyors Association.

BUSINESS ASPECTS OF LAND SURVEYING

January 13, 2017 • 8:00 A.M. - 5:30 P.M.

This presentation will accentuate the business aspects of the practice of Land Surveying, beginning with the initial contact from the potential client all the way through project completion. We will discuss taking the “up-call”, identifying the needs of the caller, and how to improve your chances to get the caller’s business; introduce Marketing and Business Development procedures; and discuss how to qualify and specify what the client needs. Professional Service Agreements will be compared to traditional “Bid Procedure” and will include information on Kansas contract law and how to design a contract that includes the following: detailed scope of services; inclusions and exclusions; proposal notes; standards and specifications; limiting the liability of the professional; assigning ownership of the professional documents; project documentation; QA/QC Procedures for both field and office; final inspection; and project closure. An overview on preparing for court will be included, as well as a discussion of all aspects of your Marketing and Business Development Plans.



FEATURED SPEAKER





Jay Kay Seymour, PS

LEGAL DESCRIPTIONS

January 12, 2017 • 1:00 - 5:00 P.M.



If legal descriptions can simply be the easterly 5' of a particular Lot Block and Tract, then why do we write legal descriptions that go on for pages? Understanding the importance of the use of, and the purpose for the creation of the legal description is sometimes more important than the legal description itself. We will cover general concepts and new approaches to the most important aspect of encroachment to title, we surveyors can produce. Highlights include: Basic overview of the important elements of legal descriptions; Review of their use and impact on title; understanding their use by other professionals—Attorney/Title/Developers; conveying title interest by legal descriptions; impact of “rewriting” legal descriptions with ALTA/NSPS Land Title surveys; generating a new revenue stream for your company with Legal Description preparation; working with city, county, state, and federal agencies on preparation of legal descriptions; interpreting legal descriptions; working with title companies for recordation; and knowing when to say when on legal preparations.

PLSS

January 14, 2017 • 8:00 A.M. - 12:00 P.M.

A practical application to corners set over 150 years ago. How do we reestablish history? The PLSS is the basis of title description in America for at least 30 states. In our limited time together, we will discuss what the purpose of the “Manual” is; Identifying evidence as the paramount element of retracement surveying at all levels. We will discuss what is the best way to document your procedures and avoid litigation in this most fundamental element of Land Surveying. Highlights include: Retracement procedures, Understanding the Manual, Evidence and procedures for QA/QC for the surveyor of today, Importance of retracement procedures, Gunter’s Chain versus GPS, and gaining applicable experience from recent court cases in Kansas, and national trends.

FEATURED SPEAKER



NEW THIS YEAR: TWO EXAM PREP TRACKS

Classes marked **FS/PS** are geared to those seeking a Kansas Surveying License.

Note: These classes begin at 10:00 a.m. on Thursday, January 12, 2017.

Track I is for those studying for the Fundamentals of Surveying Exam, and includes Exam Prep I & II, State Specific Exam, Retracement, Math I, and Math II.

Track II is for those studying for the Professional Exam (PS) and includes Exam Prep I & II, State Specific Exam, Retracement, Easements, Minimum Standards, and Math II.

EXAM PREP TRACKS





Dr. Charles Barden

January 12, 2017 • 3:00 - 5:00 P.M.

This class will teach you the basics of tree ID, and how to use a binomial key to work through the identification process. Participants will learn how to discern key characteristics such as branching pattern, bark, twigs, leaf margins, and leaf shapes to determine what kind of tree they have. Resources such as recommended books and websites will be presented. The native ranges and habitats in Kansas for some of the most common species will also be explained.

About the Instructor:

Charles has worked as a Research and Extension Forester since 1989, and began his current position as Professor and State Extension Forester at Kansas State University in 1998. He has taught Dendrology (Tree ID) in classrooms and field settings in several states. He enjoys conducting practical, applied research using trees to solve environmental problems, (i.e., bioenergy, riparian buffers, phytoremediation, windbreaks). Charles is recognized as a Fellow of the Society of American Foresters. He earned his Ph.D. from Penn State, and his Master's degree from Virginia Tech, both in Forestry. A native of Rhode Island, Charles earned his B.S. degree in Natural Resource Management from the University of Rhode Island.

TREE IDENTIFICATION





Norm Bowers, PE, PS

January 13, 2017 • 3:30 - 5:30 P.M.

January 14, 2017 • 8:00 - 10:00 A.M.

This class will discuss roads and other surface easements that surveyors deal with on almost every survey. This will include reversionary rights, how to call out the easement in the legal description, and how to show easements on the plat. Roads will be covered in detail, including various ways that public roads are established in Kansas, section line road openings, road records, common problems in determining the location and width of roads, and staking right-of-way lines when the road is in the “wrong” location.

About the Instructor:

Norm has been a KSLs member since 1973, and was awarded a Life Membership in 2011. He was president of KSLs in 1980 and has served on the KSLs Board for two, three-year terms. He was chairman of the 1979 committee that developed the first Minimum Standards for Boundary Surveys. He has been a Registered Land Surveyor since 1973 and a Professional Engineer since 1978. Norm has been a county engineer in Marion County, Coffey County and retired as Johnson County Engineer in 2006. Since 2007 Norm has worked part time as Local Road Engineer for the Kansas Association of Counties. He has authored or co-authored 39 articles published in *Section Lines*.



COUNTY ROADS





Steven S. Brosemer, PS

FS/PS

January 12, 2017 • 1:00 - 3:00 P.M.

January 13, 2017 • 10:00 A.M. - 12:00 P.M.

This class looks at the process and methods that land was subdivided after the completion of the GLO surveys done by the County Surveyors and others. Emphasis will be placed on the laws that governed the County Surveyors at the time and the reading and interpretation of their notes.

About the Instructor:

Steve has a degree in History and Secondary Education. He is the son of his mentor, the late James H. Brosemer, RLS #82. In the last 32 years, Steve has been an owner or partner in his current business, GeoTech, Inc., and has provided land surveying services of every possible type to both the private and public sectors. Steve served as President of KSLS in 1988 and 1989, and is currently a member of the KSLS Charitable Foundation Board, and the Chair of KSBTP. Steve is a former Chair of the Emporia Area Chamber of Commerce and is a Trustee of the Lyon County Historical Society.

RETRACEMENT OF SURVEYS OF THE 1800s





Steven S. Brosemer, PS

January 12, 2017 • 3:00 - 5:00 P.M.

Land Survey Reference Reports (KSA 58-2011) (LSRR) are routinely filed by Professional Surveyors, but in many cases they are either incomplete or mismarked. This class will discuss the theory and practice surrounding the filling out of this mandated form so that all Professional Surveyors are in compliance with regulations. This class is aimed at both Professional Surveyors and to those that actually fill out the form for review and approval.

About the Instructor:

Steve has a degree in History and Secondary Education. He is the son of his mentor, the late James H. Brosemer, RLS #82. In the last 32 years, Steve has been an owner or partner in his current business, GeoTech, Inc., and has provided land surveying services of every possible type to both the private and public sectors. Steve served as President of KSLs in 1988 and 1989, and is currently a member of the KSLs Charitable Foundation Board, and the Chair of KSBTP. Steve is a former Chair of the Emporia Area Chamber of Commerce and is a Trustee of the Lyon County Historical Society.



LAND SURVEY REFERENCE REPORTS





Steven S. Brosemer, PS



January 13, 2017 • 8:00 - 10:00 A.M.

The Kansas State Specific Exam is required for all surveyors seeking licensure in Kansas. Both Part 1 and Part 2 of the State Specific exam will be discussed. The class is aimed at those that are not currently licensed and for those that are already licensed in other states. Exam taking strategies will also be a part of the class.

About the Instructor:

Steve has a degree in History and Secondary Education. He is the son of his mentor, the late James H. Brosemer, RLS #82. In the last 32 years, Steve has been an owner or partner in his current business, GeoTech, Inc., and has provided land surveying services of every possible type to both the private and public sectors. Steve served as President of KSLs in 1988 and 1989, and is currently a member of the KSLs Charitable Foundation Board, and the Chair of KSBTP. Steve is a former Chair of the Emporia Area Chamber of Commerce and is a Trustee of the Lyon County Historical Society.

PREPARING FOR THE KANSAS
STATE SPECIFIC EXAM





Kurt J. Carraway



Travis Balthazor

January 12, 2017 • 1:00 - 5:00 P.M.

This class will include a 2 to 3 hour discussion including the latest on the FAA regulatory considerations for commercial use of Unmanned Aircraft Systems (UAS) as well as some basic safety considerations for UAS operations. We will also discuss applications using UAS for surveying. Weather permitting, we will conduct a 1-hour flight demonstration of a UAS conducting a surveying mission.

About the Instructors:

Retired Colonel Kurt J. Carraway, served 25 years with the United States Air Force, most recently as the commander of the Global Hawk UAS squadron, stationed in Camp Smith in Oahu, Hawaii, establishing standard operation procedures and composing technical manuals for the military's use of the Global Hawk. He is now K-State Polytechnic's Unmanned Aircraft Systems (UAS) Executive Director. In this capacity, Carraway provides strategic leadership in advancing KSU's UAS program goals. He directs research activities involving UAS through the Applied Aviation Research Center (AARC), directs Flight Operations staff, manages UAS professionals that perform hundreds of UAS flights per year in civil airspace, sets policies and procedures for unmanned flight operations, and serves as Principal Investigator (PI) on UAS activities through the AARC and is the University PI representative to ASSURE, the FAA's UAS Center of Excellence. Carraway is a Professor, an instructor and mentor to students. Carraway holds a BS degree in Mechanical Engineering, a MS in Systems Engineering, and a MA in Management.

Travis Balthazor, a K-State Salina alumnus, joined the unmanned aircraft systems program in 2014 as a UAS pilot for the Applied Aviation Research Center. He is currently the Flight Operations Manager. Previously, Balthazor was an advanced flight instructor for the university and worked on projects in the UAS lab during his free time. Balthazor grew up on a farm near Palco, Kansas, and always had an interest in aviation. At K-State Salina, he earned several flight ratings including commercial instrument multi-engine airplane and certified flight instructor instrument airplane. As a flight instructor, he trained, soloed and endorsed students for check rides. Balthazor holds a BS degree in airway science - professional pilot, as well as a minor in aviation safety, and an unmanned aircraft systems certificate.



SPONSORED IN PART BY GRINER & SCHMITZ, INC.

UAS Precision Surveying and Infrastructure Inspection





David Coffelt

January 13, 2017 • 3:30 - 5:30 P.M.

January 14, 2017 • 8:00 - 10:00 A.M.

Ever wonder just what it is that title people do? This portion of the seminar will attempt to answer this profound question, and the many others that you may have about the title industry. Learn about the services available at your local title company that can actually make your work a little easier. Let's talk about ALTA surveys, and how to foster better communication between surveyors and title company personnel. This presentation promises to be enlightening and interesting, as well as offering you plenty of opportunity to discuss current issues in the industry as it relates to title.

About the Instructor:

David is the owner of Coffelt Land Title, Inc., which has five offices, including one in Overland Park, KS. He has a degree in Agricultural Economics. Dave is a long-time member of the ALTA and has served the Missouri Land Title Association as its Past President, Past Board of Directors member, and chair of various committees. He was recognized in 1980 as Young Title Person of the Year -- the first person to receive this honor from the association. Dave is a Missouri Land Title Institute Instructor, and he tours the nation presenting title classes to attorneys, title associations, real estate professionals, and now to land surveyors.

TITLE INSURANCE





David Coffelt

PS

January 13, 2017 • 1:30 - 3:30 P.M.

January 14, 2017 • 10:00 A.M. - 12:00 P.M.

In this session we will discuss the various means of creating easements, including: Implication, Prescription, Necessity, Written Grant or Reservation, Condemnation, and Certified Survey Map or Plat. Also discussed will be methods of discontinuance of public rights-of-way and vacation of easements. We will then examine the effect of easements in relation to the issuance of title insurance policies. Specific topics include: Types of Easements; Easement Purposes; Insuring Easements; Termination of Easement Rights Specific Title Exceptions; Endorsements; and Easements for Encroachments.

About the Instructor:

David is the owner of Coffelt Land Title, Inc., which has five offices, including one in Overland Park, KS. He has a degree in Agricultural Economics. Dave is a long-time member of the ALTA and has served the Missouri Land Title Association as its Past President, Past Board of Directors member, and chair of various committees. He was recognized in 1980 as Young Title Person of the Year -- the first person to receive this honor from the association. Dave is a Missouri Land Title Institute Instructor, and he tours the nation presenting title classes to attorneys, title associations, real estate professionals, and now to land surveyors.



EASEMENTS





John Creager

January 13, 2017 • 8:00 A.M. - 3:30 P.M.

Limit 20. This program is designed for individuals in the community that want a basic knowledge of first aid, CPR skills and instruction on the use of an *Automated External Defibrillator (AED)*. This program will help employers meet OSHA and other federal and state regulatory requirements for training employees how to respond and care for medical emergencies at work. In addition we will be covering safe roadway and roadside practices. Participants will receive a certification card from the instructor.

About the Instructor:

John is the owner of Safety Training Solutions, LLC, which offers courses in CPR, Basic First Aid, Fire Safety, Extinguisher Training, Industrial Safety, and Bloodborne Pathogens Training. John has extensive personal experience in dealing with emergencies. He has been a Safety Courses instructor, a Certified Firefighter, an EMT, and Paramedic.

CPR, FIRST AID & SAFETY





Larry Graham, PE & PS

FS/PS

Part I: January 12, 2017 • 10:00 A.M. - 12:00 P.M.

Part II: January 12, 2017 • 1:00 - 5:00 P.M.

These sessions will cover the preparation involved to become licensed as a surveyor in the State of Kansas. Study habits to adopt while studying for both the NCEES & State Exams will be addressed. We will briefly discuss the Kansas Public Land Survey System and go over some example problems similar to the state exam questions. There will also be an introduction of the Kansas Statutes Annotated, which are available to purchase from the KSLS. (Part I is restricted to non-licensed attendees only.)

About the Instructor:

Larry D. Graham graduated from Kansas State University in 1971 with a BS in Civil Engineering, and went to work for Shafer Kline & Warren, Inc., working primarily in private development. Larry had worked with a survey crew with KDOT in the summers at Kansas State University and continued to do both surveying and engineering at Shafer Kline & Warren, Inc. He was licensed as a Kansas PE in 1976 and a Kansas LS in 1981. He earned his MS in Civil Engineering from the University of Missouri, Columbia in 1978 and served as a part-time adjunct professor teaching Plane Surveying at the University of Missouri, Kansas City for several years. Larry is registered to practice surveying in Kansas, Missouri, Iowa, Illinois, Idaho, Nebraska, Nevada and South Dakota. He is registered to practice engineering in Kansas, Missouri, Arkansas, Arizona, Virginia, Washington, Colorado, Maryland, Idaho and Tennessee. Larry became a Certified Federal Surveyor in 2008. He has been a member of KSLS since 1983, serving two terms as a counselor for KSLS and two terms as President in 2005 and 2006. He served on the Steering Committee of the Council of Professional Surveyors, a subgroup in American Council Engineering Consultants from 2001 to 2009. Larry serves as an investigator for the Kansas State Board of Technical Professions and has served on that Board as the PE/LS member since 2012. He has been Kansas NSPS Governor since 2008 and NSPS Area 6 Director since 2009. In November of 2010, he was inducted as a Fellow in NSPS. Larry was one of the founding directors of the Public Land Survey System Foundation in 2010 which is dedicated to educating surveyors and the public about the PLSS. He is the current Secretary/Treasurer of the NCEES Central Zone, having been first appointed and then elected in 2014. Larry has been an ABET volunteer since 2013 and is currently on the EPS Committee of NCEES. He was elected Secretary/Treasurer of the NCEES Central zone in 2015. Larry is currently the senior stockholder at Shafer Kline & Warren, Inc., and serves as the President of Infrastructure and Design and Secretary/Treasurer of Shafer, Kline & Warren, Inc.

EXAM PREP I & II





Jason Johnson, PS

PS

January 12, 2017 • 1:00 - 3:00 P.M.

January 13, 2017 • 3:30 - 5:30 P.M.

January 14, 2017 • 8:00 - 10:00 A.M.

With the recent K.S.L.S. membership vote on the proposed new Minimum Standards, this class will be a compare and contrast between the current Minimum Standards and said proposed new Minimum Standards. The class will be conducted as an “open forum” providing attendees the opportunity to ask questions with regards to the proposed changes to the Standards.

This course will provide two PDH's towards the education requirement of KSA 66-14-1.

About the Instructor:

Jason P. Johnson, L.S.#1410, Vice-President of Campbell & Johnson Engineers, P.A. Jason graduated with an Associates degree in Surveying Technology and a Bachelors degree in Land Information Technologies from Kansas State University in December 2000. While at Kansas State University he served as the President of the Student Chapter of KSLs. Jason is currently a member of the Salina Chapter of KSLs and NSPS and has served on the Salina Seminar Series committee and the most recent Minimum Standards Revision committee. Jason has been teaching Minimum Standards Classes for the last six years at the Salina Seminar Series.

MINIMUM STANDARDS





Murray Rhodes, PS

January 13, 2017 • 1:30 - 3:30 P.M.

January 14, 2017 • 10:00 A.M. - 12:00 P.M.

This class will discuss the importance of correlating methods and procedures with records and documents and presenting that information in a professionally written Report of Survey.

About the Instructor:

Mr. Rhodes is a professional land surveyor with an extensive professional history that began in 1956. He founded the reputable Rhodes Surveying, Inc., in 1966, and held an elected position as Wyandotte County Surveyor from 1968 through 1998. In 2005, Rhodes Surveying, Inc., merged with BHC to become BHC RHODES. Mr. Rhodes retired in 2012 but continues to act as a Subject Matter Expert for BHC RHODES.



REPORTS OF SURVEYS





Steve Samuelson, CFM

January 12, 2017 • 1:00 - 5:00 P.M.

This session will begin with a short discussion about the National Flood Insurance Program before diving into the forms. This will lay the background about why certain things are required on the elevation certificate form and even the need for the form itself. The elevation certificate was revised in 2016 and we will learn about the new form. We will go through the form, line by line, discussing how to fill out each section. We will discuss the use of flood maps and the flood insurance study, sources of base flood elevation data, and look at photos of buildings from Kansas. The elevation certificate can be used as a supporting document for a Letter of Map Amendment. There will also be information about submitting the Letter of Map Amendment at the end of the class

About the Instructor:

Steve Samuelson, CFM, has been the National Flood Insurance Program Specialist at Kansas Department of Agriculture/Division of Water Resources since 2007. From 2005 to 2007 Steve worked for Lyon County as the Zoning Administrator and Floodplain Manager. Steve graduated from Emporia State University in 1982, and is a Certified Floodplain Manager and the Region VII Director for the Association of State Floodplain Managers.



ELEVATION CERTIFICATES





Steve Samuelson, CFM

January 13, 2017 • 8:00 A.M. - 12:00 P.M.

This session will provide an overview of many of the main topics related to the National Flood Insurance Program. It is a basic level beginner course in floodplain management. A good background for surveyors who complete elevation certificates and other Federal Emergency Management Agency forms to have. This is a very basic level course for those without much subject knowledge that uses props and toys to demonstrate concepts of floodplain management. Class is based on the Quick Guide booklet that can be found on the website for the Kansas Department of Agriculture/Division of Water Resources. Topics will include flood insurance, anchoring, mobile homes, floodplain mapping, compliance, variances and risk communication.

About the Instructor:

Steve Samuelson, CFM, has been the National Flood Insurance Program Specialist at Kansas Department of Agriculture/Division of Water Resources since 2007. From 2005 to 2007 Steve worked for Lyon County as the Zoning Administrator and Floodplain Manager. Steve graduated from Emporia State University in 1982, and is a Certified Floodplain Manager and the Region VII Director for the Association of State Floodplain Managers.



NFIP





Whitney Lynn

Jason Taylor



January 13, 2017 • 10:00 A.M. - 12:00 P.M.

Participants in this session will become familiar with the basic principles of LiDAR, specifically tripod based LiDAR systems. An in-depth look at the 3D scanning workflow, from initial laser scan and registration of point cloud data, to the creation of a number of unique deliverables will be shown. Participants will examine the unique advantages that 3D scanning offers over traditional surveying techniques, sighting several recent case studies. The workshop will also provide a live hands-on demonstration of data acquisition using a Riegl VZ-400 laser scanner.

About the Instructors:

Jason Taylor is the Terrestrial Scanning Lead for Wilson & Company's Survey Geospatial and Remote Sensing division. He has over 14 years of surveying experience, including over 7 years of experience with a variety of laser scanning applications. Jason has completed a wide range of 3D laser scanning projects including geotechnical hazard analysis, dam deformation studies, and dozens of bridge surveys. Today Jason works closely with clients in many industries, helping them use 3D laser scanning to increase productivity.

Whitney Lynn has over 6 years of experience in the geospatial industries. He has been a part of numerous projects performing LiDAR, photogrammetric, GIS, and image processing tasks. He currently serves as the Terrestrial LiDAR Data Processing Lead for Wilson & Company's Survey, Geospatial, and Remote Sensing Division. Whit has completed a variety of LiDAR-based projects, including road/bridge as-built designs, dam deformation studies, transmission line and substation surveys, and sidewalk/stormwater improvements.



ADVANTAGES OF TERRESTRIAL LiDAR





Whitney Lynn

Jason Taylor



January 14, 2017 • 10:00 A.M. - 12:00 P.M.

This class will present Case Studies on two to three of the Speakers' Static-Terrestrial LiDAR projects with Wilson & Company. They will give a detailed breakdown of workflow from beginning to end, explain why they chose Static-Terrestrial LiDAR for the project, and cover the issues and problems encountered while completing the project.

About the Instructors:

Jason Taylor is the Terrestrial Scanning Lead for Wilson & Company's Survey Geospatial and Remote Sensing division. He has over 14 years of surveying experience, including over 7 years of experience with a variety of laser scanning applications. Jason has completed a wide range of 3D laser scanning projects including geotechnical hazard analysis, dam deformation studies, and dozens of bridge surveys. Today Jason works closely with clients in many industries, helping them use 3D laser scanning to increase productivity.

Whitney Lynn has over 6 years of experience in the geospatial industries. He has been a part of numerous projects performing LiDAR, photogrammetric, GIS, and image processing tasks. He currently serves as the Terrestrial LiDAR Data Processing Lead for Wilson & Company's Survey, Geospatial, and Remote Sensing Division. Whit has completed a variety of LiDAR-based projects, including road/bridge as-built designs, dam deformation studies, transmission line and substation surveys, and sidewalk/stormwater improvements.



CASE STUDIES IN LiDAR





Brian Ward

January 13, 2017 • 8:00 A.M. - 5:30 P.M.

January 14, 2017 • 8:00 A.M. - 12:00 P.M.

By attending this workshop, you should have enough information to successfully use OPUS Projects for your own geodetic network projects. The training is one and a half days and you must attend the entire workshop to become a project manager for OPUS Projects. Once the training is completed, you will be given an opportunity to register your email address thereby authorizing you to create and process your own projects through OPUS Projects. Although not required, familiarity with typical GNSS surveying practices and NGS's OPUS is helpful. Also helpful is the ability to access your email during training because OPUS Projects uses email as one means to communicate with you.

NOTE: You must attend all twelve hours and bring a wi-fi enabled laptop with you to the class. **Deadline to register for this class: December 12, 2016.** There is an enrollment limit of 30 in this class, so please register early to reserve your spot.

About the Instructor:

Brian has worked for the National Geodetic Survey (NGS) for 28 years. Sixteen of those in the field conducting Geodetic Surveys. The past eleven years he has been the Arkansas Geodetic Advisor. He is currently the Central Plains Regional Advisor. Brian assists the Federal, State, and private sectors with any products and services NGS provides.



OPUS PROJECT MANAGER TRAINING





Rod Zinn, PS



Math I: January 13, 2017 • 1:30 - 5:30 P.M.

Math II: January 14, 2017 • 8:00 A.M. - 12:00 P.M.

This year's "Survey Math" course will be divided into two separate programs. Both will be very essential to those members who wish to update their math skills (Friday afternoon session) and those who wish to sit for the Land Survey Exam (Saturday morning session). With modern technology, many surveyors have become rusty in their computations, due to the fact that the software in their data collectors can perform the needed calculations. The focus of the classes this year will begin with introductory mathematics moving quickly into some minor Algebra, Geometry and both Right Angle and Oblique Trigonometry, with a strong emphasis on Coordinate Geometry and Double Proportioning calculations incorporating the GLO. All mathematics will be directly "Land Survey" related and will include "Tech Tips" and problem solving strategies towards taking the FS/PS exams and checking daily surveying calculations.

About the Instructor:

Rod has a BS degree in Vocational Technical Education from Pittsburg State. He was a full time instructor for more than ten years in the Civil Engineering Technology program at Washburn Tech. Rod also served in the past as: lead advisor in SkillsUSA program; the Board President of the Kansas Industrial Education Association; and as a former Board President of Kansas SkillsUSA Advisors Association. In 2005, Mr. Zinn entered the private sector as a full time land surveyor and served as the survey department manager for two previous firms. Currently, Rod is a managing member and partner with Cornerstone Regional Surveying, LLC.



(4 each class)

MATH I & II



KSLS Board Meeting and Dinner

The Salina Chapter will host a meeting of the KSLS Board of Directors on Thursday, January 12, 2017, at 7:00 p.m., at Webster Conference Center. All KSLS Members are invited to attend the meeting. The dinner, which begins at 6:15 p.m., will be open to all Seminar participants. Dinner is by reservation only (reserve when you complete your registration form). Cost is \$16.00 per person. Current Board Members and Committee Chairs are free. Registration must be received by 12/21/16.

Accommodations

A block of rooms has been set aside at the LaQuinta Inn, 201 E. Diamond Drive, Salina, KS, for \$66+tax/night single king or double queen. The LaQuinta is located one-mile west of Webster Conference Center on I-70 exit 252. You must mention the Salina Seminar Series and make your reservations before 12/23/2016 to receive this rate. Call the LaQuinta directly at 785-827-9000.

Webster Conference Center offers queen rooms at competitive rates. See the Seminar website for more detail. Reservations are required. Call Webster at 785-827-6565 or 877-WCC-RESV.

Cancellation Policy

If you cancel on or before December 7, 2016, you will receive a refund of your registration fee less a \$25 service charge. If you cancel between December 8, 2016, and December 27, 2016, a \$50 service fee will be deducted. NO REFUNDS WILL BE GIVEN AFTER DECEMBER 27, 2016. Email your refund request to: manager@salinaseminarseries.org. Prior to January 12th, you may transfer your registration to someone else. Transfers will be charged a \$25 service fee.

Early Bird Registration - Payment by Check

The discounts for Early Registration end at midnight on December 7, 2016. Your registrations will not be processed until we receive your payment. Payments by check must be postmarked on or before December 7th to receive the Early Bird rates. To be fair to everyone, there will be no exceptions.

A limited number of walk-in registrations will be accepted on Thursday and Friday. A \$25 fee will be charged for walk-ins in addition to the regular late fees. Admittance is not guaranteed.

PDH Certificates

PDH Certificates will be available to pick up at the end of your last registered session. It is your responsibility to keep a copy in case of an audit by the KSBTP. A \$10.00 fee, payable through PayPal, will be charged for copies of your pdh certificate at any time after the last day of the Seminar. We do not guarantee that we will have a copy of your prior year certificates.

Please Note the Following Deadlines:

- **December 7, 2016**, Early Bird Registration Ends at Midnight
- **December 12, 2016**, Registration Ends for OPUS Class
- **December 21, 2016**, Deadline for ordering printed handouts
- **December 21, 2016**, RSVP Deadline for Board Dinner

FINE PRINT



THURSDAY SCHEDULE

- 10:00 - 12:00 • Exam Prep I - Larry Graham **FS/PS**
- 12:00 - 1:00 • Registration and Check-In**
- 1:00 - 5:00 • Legal Descriptions - Jay Seymour 
• Exam Prep II - Larry Graham **FS/PS**
• Elevation Certificates - Steve Samuelson 
• UAS - Kurt Carraway & Travis Balthazor 
- 1:00 - 3:00 • Minimum Standards - Jason Johnson
• Retracement - Steve Brosemer
- 3:00 - 5:00 • Tree ID - Charles Barden
• Survey Reference Reports - Steve Brosemer 

FRIDAY SCHEDULE

- 7:00 - 8:00 • Registration, Check-In, and Breakfast**
- 8:00 - 5:30 • Business Aspects of Surveying - Jay Seymour 
- 8:00 - 5:30 • OPUS - Brian Ward (Part I*) 
- 8:00 - 3:30 • First Aid/Safety/CPR - John Creager
- 8:00 - 12:00 • NFIP - Steve Samuelson 
- 8:00 - 10:00 • State Specific Exam - Steve Brosemer **FS/PS**
- 10:00 - 12:00 • Retracement - Steve Brosemer **FS/PS**
• LiDAR - Taylor/Lynn 
- 12:00 - 1:30 • Lunch**
- 1:30 - 5:30 • Math I - Rod Zinn **FS** 
- 1:30 - 3:30 • Easements - David Coffelt **PS** 
• Reports of Survey - Murray Rhodes
- 3:30 - 5:30 • County Roads - Norm Bowers 
• Title Insurance - David Coffelt
• Minimum Standards - Johnson **PS**

KSLS BOARD ACTIVITIES

Thursday, January 12

Foundation Board Meeting

5:00 - 6:00 P.M.

Board Dinner

(Reservation Required)

6:00 - 7:00 P.M.

KSLS Board Meeting

7:00 P.M.

SATURDAY SCHEDULE

- 7:00 - 8:00 • Breakfast**
- 8:00 - 12:00 • OPUS - Brian Ward (Part 2*) 
• PLSS - Jay Seymour
• Math II - Rod Zinn **FS/PS** 
- 8:00 - 10:00 • Title Insurance - David Coffelt
• County Roads - Norm Bowers 
• Minimum Standards - Jason Johnson
- 10:00 - 12:00 • Easements - David Coffelt 
• LiDAR Case Studies - Taylor/Lynn 
• Reports of Survey - Murray Rhodes

FS: Track I for those planning to take the Fundamentals of Surveying Exam
PS: Track II for those planning to take the Professional Surveying Exam



Classes Pre-Approved for Floodplain CECs are marked with this water drop on the class description page.

SCHEDULE



SAVE \$5 BY REGISTERING ONLINE AT: SALINASEMINARSERIES.ORG

Early Bird Fees:

Hours	Member	Retired/ Associate	Non- Member
4	\$175	\$100	\$210
8	\$205	\$120	\$270
12	\$235	\$140	\$330
16	\$265	\$150	\$390
18		\$180	\$450

Enter Fee from above:	\$
Manual Registration Fee: <i>(Register online and save this fee.)</i>	\$ 5.00
Add \$50 on 12/8/16 through 1/11/17. Add \$75 on 1/12-14/17.	\$
Board Dinner - Add \$16.00 Deadline to Order 12/21/2016 (free for Board Members)	\$
Thursday Box Lunch - Add \$6.50. Deadline 12/21/2016	\$
Handout Fees - Add \$7.00 per class. Deadline to order: 12/21/2016. <i>(Please purchase only if you do not have access to the internet at home or through your office.)</i>	\$
TOTAL DUE:	\$

Please Specify Any Special Dietary Needs:

See the General Information Page for our Cancellation Policy. **No Refunds after December 27, 2016.**

Mark the classes you are going to attend:

Thursday, January 12, 2017		
<input type="checkbox"/>	10:00-12:00	Exam Prep I** - Graham
<input type="checkbox"/>	1:00 - 5:00	Legal Descriptions - Seymour
<input type="checkbox"/>	1:00 - 5:00	Exam Prep II - Graham
<input type="checkbox"/>	1:00 - 5:00	Elevation Cert. - Samuelson
<input type="checkbox"/>	1:00 - 5:00	UAS—Carraway
<input type="checkbox"/>	1:00 - 3:00	Retracement - Brosemer
<input type="checkbox"/>	1:00 - 3:00	Min. Standards - Johnson
<input type="checkbox"/>	3:00 - 5:00	Reference Reports - Brosemer
<input type="checkbox"/>	3:00 - 5:00	Tree ID - Barden

Friday, January 13, 2017		
<input type="checkbox"/>	8:00 - 5:30	Business - Seymour
<input type="checkbox"/>	8:00 - 5:30	OPUS - Stone*
<input type="checkbox"/>	8:00 - 12:00	NFIP - Samuelson
<input type="checkbox"/>	8:00 - 10:00	State Specific Exam - Brosemer
<input type="checkbox"/>	8:00 - 3:30	First Aid - Creager
<input type="checkbox"/>	10:00-12:00	Retracement - Brosemer
<input type="checkbox"/>	10:00-12:00	LiDAR - Taylor/Lynn
<input type="checkbox"/>	1:30 - 5:30	Math I - Zinn
<input type="checkbox"/>	1:30 - 3:30	Reports of Survey - Rhodes
<input type="checkbox"/>	1:30 - 3:30	Easements - Coffelt
<input type="checkbox"/>	3:30 - 5:30	County R/W - Bowers
<input type="checkbox"/>	3:30 - 5:30	Title Insurance - Coffelt
<input type="checkbox"/>	3:30 - 5:30	Min. Standards - Johnson

Saturday, January 14, 2017		
<input type="checkbox"/>	8:00 - 12:00	PLSS - Seymour
<input type="checkbox"/>	8:00 - 12:00	Math II - Zinn
<input type="checkbox"/>	8:00 - 12:00	OPUS - Stone*
<input type="checkbox"/>	8:00 - 10:00	County R/W - Bowers
<input type="checkbox"/>	8:00 - 10:00	Title Insurance - Coffelt
<input type="checkbox"/>	8:00 - 10:00	Minimum Stds - Johnson
<input type="checkbox"/>	8:00 - 10:00	County R/W - Bowers
<input type="checkbox"/>	10:00 - 12:00	LiDAR - Taylor & Lynn
<input type="checkbox"/>	10:00 - 12:00	Reports of Surveys-Rhodes
<input type="checkbox"/>	10:00 - 12:00	Easements - Coffelt

** You must attend all twelve hours of OPUS.
* Class for unlicensed attendees only

Registrant Name:

Address:

Phone Number:

Email Address (If you have one):

Payment Methods:

Credit Card: MC/Visa/Discover (Circle One)

Card Number:

Expiration Date

CSC #

Check:

Make checks payable to:
Salina Chapter of KSLS

Mail check and this form to:

Salina Seminar Series,
1232 W. Highway K143
Salina, KS 67401.

Registrations will not be processed until payment is received. Checks must be postmarked on or before 12/7/2016 to receive the Early Bird rate.

Surveying Students

Full and Half-time Surveying students are eligible to attend free, as a guest of the Salina Chapter.

Full time students are also eligible for free Lodging. Contact the Conference Manager for more information.

Early Bird Fees End at Midnight, December 7, 2016

REGISTRATION FORM





SALINA SEMINAR SERIES

Earn up to 16* Professional Development Hours

Pre-approved for up to 16* Missouri PDUs

Pre-approved by ASFPM for up to 16 CECs

*Earn 18 Hours taking the FS/PS Exam Prep Tracks

Registration Opens October 22, 2016

Webster Conference Center, 2601 N. Ohio, Salina, KS

www.salinaseminarseries.org

Email: Manager@SalinaSeminarSeries.org



Sponsored by: The Salina Chapter of the Kansas Society of Land Surveyors, Inc.