

LSAW SURVEY TECH WEBINAR SERIES

INTRO TO ONLINE SURVEY RESEARCH

This session will provide survey technicians an introduction to some of the various federal, state, county and city resource websites and how to use them.

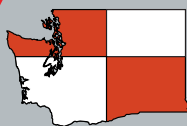
OCTOBER 23rd
9 AM - 11 AM

About This Webinar Series

This webinar series has been developed to provide education to survey technicians. The series includes the following webinars:

- Oct. 23rd - Intro to Online Survey Research
- Oct. 30th - Boundary Law
- Nov. 6th - Intro to PLSS
- Nov. 13th - Random Error Theory (Part 1)
- Nov. 20th - Random Error Theory (Part 2)
- Dec. 4th - RTK GPS & Basic Geodesy Theory

Webinars can be registered for individually or you may register for the entire series.



LSAW
Land Surveyors' Association of Washington

Register Online:
LSAW.org



Meet The Speaker Vic Banks

Vic Banks started surveying in 1962 as an artillery surveyor for the Army's 82nd Airborne Division. After which he spent 10 years as an engineering technician (read construction survey) for the California Division of Highways. Vic moved to Washington where he spent the remainder of his career in the private sector. Vic was awarded the LSAW Surveyor of the Year in 2009. Since retirement, he has been an occasional substitute teacher for the Land Surveying program at Renton Technical College.

Webinar Pricing

LSAW MEMBERS:

Full Series: \$245

Individual Webinars: \$45

NON-MEMBERS:

Full Series: \$395

Individual Webinars: \$75

Join & Save: \$345

includes Associate Membership and webinar registration

LSAW SURVEY TECH WEBINAR SERIES

BOUNDARY LAW

A working knowledge of Boundary Control and Legal Practices are paramount to the Professional Land Surveyor. This course will be an introduction into the basic concepts of boundary law in Sequential including a study of the Order of Conflicting Title Elements (Robillard & Wilson, 2013). A presentation of the principles for Simultaneous Conveyances will be presented including the rules for proportioning between found monuments. Sample problems will be presented for the student's further study.

October 30th
9 AM - 11 AM

INTRO TO PUBLIC LANDS

This course will guide the student through a brief history of the USPLSS. The procedures for the original surveys will be presented including partial townships, meander lines and Government Lots, and the different types of corners that were set. The subdivision of a section by Aliquot Parts will be taught. The course will conclude with a discussion of Retracement Surveys including the applications of single and double proportional calculations.

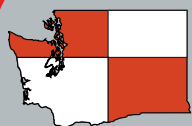
November 6th
9 AM - 11 AM

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Meet The Speaker Mitch Duryea

Mitch Duryea, PLS earned a Bachelor of Science in Surveying and Photogrammetry from California State University, Fresno and a Master of Science in Higher Education from Kaplan University and is the President of Duryea & Associates. Mr. Duryea has been licensed since 1986 and is currently licensed in California, Oregon, Washington, Idaho, Nevada, New Mexico, Oklahoma, South Dakota and Hawaii.

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Random Error Theory

This workshop teaches random error theory to survey technicians. The topics include discussion on precision and accuracy, understanding the difference between systematic and random errors, significant figures in measurements and calculations, random error propagation, a basic overview of using statistics, random errors in angles, and random errors in distances, as well as a discussion on using weights with measurements. It is the intent of this workshop to gear it to the sub-professional (technician), in order to give them a better understanding of measurements and what they are measuring.

PART 1
November 13th
9 AM - 11 AM

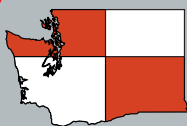
PART 2
November 20th
9 AM - 11 AM

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Meet The Speaker

Jim Coan

Jim Coan, PLS, CFedS, is licensed in Oregon and Washington. For 23 years Jim was an instructor at Renton Technical College teaching the Land Surveying program. During this time Jim has also served on the State of Washington Department of Natural Resources Survey Advisory Board, and the Architects and Engineers Legislative Council. Jim has presented numerous programs for the LSAW and served as LSAW President in 2013.

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RTK GPS and Basic Geodesy Theory

This session presents the geodetic reference frame of GNSS and what is required to be in command of the positions you get when working with survey-grade tools. The first part of the class covers geographic coordinates and datums as well as vertical datums. The second part covers their application, especially in WA state, whether using base and rover, a regional network, or static observations.

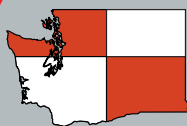
December 4th
9 AM - 11 AM

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Meet The Speaker Martin Paquette

Martin Paquette, MS, PLS, has taught full-time at Renton Technical College since 1991, following 11 years of full-time surveying experience in California and Washington. He has continued part-time professional practice while working at RTC. He is licensed as a Land Surveyor in Washington and California and has his Bachelor's Degree in Surveying and Photogrammetry and Master's Degree in Civil Engineering with Geomatics emphasis from California State University, Fresno.

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LSAW Survey Tech Webinar Series

October 23 - December 4, 2020

Each Friday, 9 AM - 11 AM

REGISTRATION INFORMATION

Name _____
Company _____
Address _____
City _____ State _____ Zip _____
Phone _____ Fax _____
E-mail _____ LSAW Member Number _____

REGISTRATION SELECTION

Full Webinar Series

- LSAW Member (\$245) Non-Member (\$395)
 Non-Members: Join & Save (\$345 - Includes Associate Membership & Webinar Series)

Individual Courses

- Oct. 23rd - Intro to Online Survey Research LSAW Member (\$45) Non-Member (\$75)
 Oct. 30th - Boundary Law LSAW Member (\$45) Non-Member (\$75)
 Nov. 6th - Intro to PLSS LSAW Member (\$45) Non-Member (\$75)
 Nov. 13 & 20th - Random Error Theory (Part 1 & 2) LSAW Member (\$90) Non-Member (\$150)
 Dec. 4th - RTK GPS and Basic Geodesy Theory LSAW Member (\$45) Non-Member (\$75)

PAYMENT INFORMATION

METHOD OF PAYMENT: Check VISA MasterCard

Card # _____ Exp. Date _____ CVV# _____

Name (as it appears on card) _____ Billing Zip Code _____

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