

Surveyor's Workshop:

Understanding the past; managing the present; and looking to the future

OHIO
NORTHERN
UNIVERSITY
CENTER FOR CORPORATE
ENGAGEMENT

COURSE OUTLINE/AGENDA

8 a.m. Registration

McIntosh Center Ballroom, ONU

8:30 a.m. Welcome

8:40 a.m. Ethics and Recent changes from the Board – Part 1

John Greenhalge, Executive Director, State Board of Registration

9:30 a.m. Ethics and Recent changes from the Board – Part 2

John Greenhalge, Executive Director, State Board of Registration

10:30 a.m. The Rectangular Surveys of Western Ohio

Mike Buettner, PS

11:30 a.m. Real Time Kinematic vs. Precise Point Positioning

Jeff Waggamon, P.S., CPM, Topcon Positioning Group

12:20 p.m. Lunch (provided)

McIntosh Student Center Dining Hall

1:30 p.m. Business 101 for Surveyors

Dr. John Navin, Dean of James F. Dicke College of Business at ONU

2:30 p.m. The Rectangular Surveys of Western Ohio

Joe Fenicle, MS, PS, Assistant Professor and Program Director, Surveying and Mapping Program, University of Akron

3:30 p.m. "SSS" Sticky Surveying Situations

Panel-Mike Buettner, PS; Joe Fenicle, PS; Brad Irons, PE, PS

Moderator – Tom Zechman, PE, PS

4:20 Closing Remarks, Evaluations, and Distribution of Certificates

Thursday, April 4, 2023

8:30 AM - 4:30 PM

Total of 7-credit hours of CPD
2 of those in ethics training

Location: McIntosh Center Ballroom,
Ohio Northern University, Ada, OH

Fee:

**Early Registration Discount before
January 25, 2024**

\$150 or \$140 for ONU Alumni

January 26, 2024 to April 24, 2024

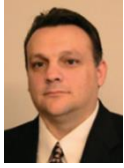
\$160 or \$150 for ONU Alumni

Cancellation Policy: If you cannot attend, please notify us by March 22, 2024 for a full refund. After this date there is a \$25 administration fee for cancellations. Registrations may be transferred to another person at any time.

CPD Credits: Participants earn 7.0 hours of continuing professional development (CPD). Two of the seven hours are for Ethics.

www.cce.onu.edu / 419-772-3559 /
cce@onu.edu

Speakers and Course Descriptions



John Greenhalge, Executive Director of the State of Ohio Board of Registration for Engineers and Surveyors, has been with the Board of Registration since 1998. He has a BS and an MBA from Ashland University. John brings an update from the state board. He will highlight recent changes to the surveying education and experience requirements, and changes to engineering licensure. John will also field questions from attendees.



Mike Buettner has B.S. in Land Surveying from Purdue. He surveyed for 43 years with Kohli & Kaliher Associates, Inc., in his home town of Lima, Ohio. Mike has often been a presenter at “True North” workshops. Now retired, Mike continues to research and then deliver continuing education programs. His presentation will discuss changes and improvements made during the quarter century of surveying work that began in Southwest Ohio and ended in Northwest Ohio. It will include maps showing footsteps of deputy surveyors, with special attention to the work of Israel Ludlow.



Jeff Waggamon, P.S., CPM, Product and Services Specialist, Topcon Positioning Group. Jeff started surveying in 1976. In 1988 he began a 31-year career with ODOT, specializing in GPS. In 2019 he joined Topcon, providing technical support for Optical Survey Instruments, GNSS Receivers, Magnet Field Tools, and Topcon Receivers. In February of 2024 he will assume the presidency of PLSO.

Jeff resides in Delphos, Ohio with his wife of 45 years, 2 dogs and 2 cats. He is director of Karla's Kupboard Food Pantry, a ministry of Trinity Friends Church in Van Wert. Hobbies include motorcycling, “glamping,” fishing, and enjoying his grandchildren. Jeff's presentation is “Real Time Kinematic vs Precise Point Positioning, What they are, How they work and Where they might be used. He will share a non-mathematical explanation of these positioning techniques.



Dr. John Navin, ONU Dean of the James F. Dicke College of Business since 2016. Dr. Navin is a past president of the Mid-American Business Deans Association. Before coming to ONU, he spent 25 years at Southern Illinois University Edwardsville, where he served as Dean of the School of Business. He has published numerous articles and presented on state and local public finance, budgeting, health economics, and labor economics. He has extensive experience in market analysis. Dr. Navin will share basic business principles, and “the things that he has screwed up on a regular basis” on his way to coming up with a set of best practices for owners, managers, and employees within a small business environment. Topics will include office management; marketing, negotiating, taxes and market analysis. Dr. Navin brings his own unique brand of humor and anecdotal stories in presenting the material.



Joseph D. Fenicle, MS, PS is an Assistant Professor and Program Director of Surveying and Mapping at the University of Akron, and owner of Angular By Nature, LLC dba, Hudson Land Surveying. He has surveying degrees from Hocking, Akron, and Maine. His presentation is a succinct surveying history of Northwest Ohio. Highlights will include notable General Land Office Deputy Surveyors and the land they surveyed as well as the exterior borders of Northwest Ohio.

SSS – Sticky Surveying Situations The final session of the afternoon will be an audience participation and panel discussion of SSS. The content will come from scenarios that have been submitted prior to the workshop, and also those presented from the floor, if time permits. Members of the audience (you are all experts!) will be given an opportunity to weigh in with opinions, as will members of the panel. Panelists are Mike Buettner, PS (see above); Joe Fenicle, PS (see above); and Brad Irons, PE, PS, County Engineering of Marion County. The moderator will be Tom Zechman, PE, PS, Assistant Dean of Engineering, Ohio Northern University. ***If you have a scenario that you would like to have discussed, please send an email to [t-zechman.1@onu.edu](mailto:zechman.1@onu.edu).***

NEED TO KNOW MORE?

Carol Turchick
Director, Center for
Corporate Engagement
419-772-3552
c-turchick@onu.edu

Cancellation Policy:

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March 22, 2024 for a
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TO REGISTER

Online

<https://cce.onu.edu/program/surveyors-workshop-2024/>

Mail (Using Form Below)

Lori Goldsmith
ONU T.J. Smull College of Engineering
525 South Main Street
Ada, Ohio 45810

(Credit Card payments are ONLY accepted
through online registration)

2024 ONU Surveyor's Workshop Registration
(required for mail-in registration only)

Name _____

Title _____

Company _____

Address _____

City _____ State ____ Zip _____

Phone _____

Email _____

PS Registration Number _____

Make Checks Payable to: Ohio Northern
University

_____ \$150 _____ \$140 (ONU Alumni)

Please enclose check with registration
form.