**Learning Objectives**

You'll be able to:

- **Explore** unmanned aircraft system (UAS) platforms, both fixed wing and rotorcraft.
- **Understand** how to use UAS-based photogrammetry to create high-resolution topography models.
- **Learn** about using UAS photogrammetry for preservation of historic buildings.
- **Explore** mapping operations, including preflight planning and post-processing.
- **Discuss** data processing software, including Pix4D, DroneDeploy, Autodesk, Agisoft, and others.

Can't Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

Audio recordings of this seminar are available for purchase starting at $279. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

**Overview of Aerial Mapping Technologies**
- B. Vander Jagt

**Mapping Using UAS**
- V. Brewer
  - Software set up
  - Preflight planning
  - Flight operations and considerations
  - Post-processing

**UAS Data-Processing Software**
- B. Vander Jagt
  - Pix4D
  - DroneDeploy
  - Autodesk
  - Agisoft
  - Others

**Photogrammetry Demonstration/Case Study**
- B. Vander Jagt
  - Software demonstration
  - Working with control points
  - Deliverables

**Aerial Mapping Technologies and Procedures**
- Livonia, MI - Friday, April 3, 2020

- **Understand** aerial mapping technologies
- **Learn** about creating high-resolution topographical models
- **Use** photogrammetry for historic preservation
- **Explore** case studies and real-world examples

**Continuing Education Credits**

<table>
<thead>
<tr>
<th>Professional Engineers</th>
<th>Professional Surveyors</th>
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<td>6.0 CE Hours</td>
<td>6.0 CE Hours</td>
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**Additional Learning**

**Webinar Series**

**Foundation Damage and Repair**  
- **Design & Geo-Environmental Loading, Building Codes, Soil Properties**  
- **Foundation Slab-Wall Design and Construction**  
- **Evaluation of Foundation Slab Damage and Repair Alternatives**  
- **Evaluation of Foundation Wall Damage and Repair Alternatives**  
- **Solar Photovoltaic Project Design and Development**
  - **Solar Photovoltaic Project Design and Development, Part I**  
  - **Solar Photovoltaic Project Design and Development, Part II**

**International Residential Code**  
- **Development and Enforcement of International Residential Code**  
- **IRC Building Planning and Shell Construction, Part I**  
- **IRC Building Planning and Shell Construction, Part II**  
- **IRC Energy Efficiency and Building Systems**
  - **Fri., March 13, 2020, 11:00 AM - 12:00 PM CDT**  
  - **Fri., March 13, 2020, 1:00 - 3:00 PM CDT**

**Aerial Mapping Technologies and Procedures**

**Thurs., March 5, 2020, 11:00 AM - 12:30 PM CDT**

**Evaluation of Foundation Wall Damage and Repair Alternatives**

**Thurs., March 5, 2020, 1:00 - 2:30 PM CDT**

**Solar Photovoltaic Project Design and Development**

**Thurs., March 5, 2020, 1:00 - 2:30 PM CDT**

**Continuing Education Credit Information**

This seminar is open to the public and offers professional engineers and professional surveyors 6.0 continuing education hours. Educators and courses are not subject to preapproval in Michigan.

Professional engineers and surveyors seeking continuing education credits in other states will be able to apply the hours earned at this seminar, in most cases. Refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education provider for professional land surveyors (Approval No. 24GP00000700) and is deemed an approved continuing education provider for New York engineers and land surveyors.

Audio recordings of this seminar are available for purchase starting at $299. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

**Tuition**

$299 for individual registration  
$279 for three or more simultaneous registrations.

**How to Register**

[Register online](www.halfmoonseminars.org) or call customer service at 715-835-5900 for individual registration. 

**Cancellation and Refund Policy**

Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a $15 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the self-study package. You may also send another person to take your place.

**Seminar Information**

**Webinar Instructions** will be emailed before the date of the webinar.

**Log into Webinar:**  
Break: 12:30 - 1:30 pm  
Afternoon Session: 1:30 - 4:30 pm

**Morning Session:** 8:30 - 12:30 pm

**Tuition**

$299 for individual registration  
$279 for three or more simultaneous registrations.

**Registration Information**

**Name:**  
**Company/Firm:**

**Address:**

**City:**

**State:**  
**Zone:**

**Email:**

**Occupation:**

**Phone:**

**Fax:**

**Code:**

**Mail:**  
HalfMoon Education Inc.,  
PO Box 278, Altoona, WI  
54720-0278

Complete the entire form. Attach duplicates if necessary.

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