



Fabricated
Geomembrane
Institute

Short Course

“Constructing with Fabricated Geomembranes”

—Flexibility, Choices and Superior Performance

Friday, October 15, 2010

Denver, Colorado

course is eligible for seven (7) professional development hours

Want information about different types of geomembranes?

Want to learn how to reduce geomembrane installation time and improve seam quality?

Need more options for containment design?



One of the major advantages of using fabricated geomembranes is that the installation time is significantly less than field assembled geomembranes (polyethylene) because the majority of the seaming is performed in the factory before the product reaches the job site! This is a major savings of both time and money—thereby adding to the bottom line for your project.

In this day long short course you will learn how to put fabricated geomembranes to use on your next job.

The short course will cover current research, manufacturing, fabrication, installation, long-term performance and field testing of field seams and panels of flexible geomembranes.

The afternoon will focus on design, specification and installation of fabricated geomembranes for various applications such as design, specification, and installation for mining, wastewater ponds, floating covers and potable water conveyance, secondary containment, and decorative and irrigation ponds. The afternoon will also feature a welding and testing demonstration with free samples of and literature on various types of fabricated geomembranes.

Why You Should Attend

Attendees will gain a broad knowledge of the advantages, manufacturing, fabrication, and installation of fabricated geomembranes and what is required to properly design, specify, and construct with fabricated geomembranes for the following applications:

- floating covers and potable water applications
- mining
- Reservoirs, canals, decorative, and irrigation ponds
- wastewater ponds
- secondary containment
- golf course ponds
- landfills



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Schedule:

7:30–8:00 a.m.	Registration/Continental Breakfast provided
8:00–8:20 a.m.	FGI Introduction, Activities & Research
8:20–8:40 a.m.	Fabricated versus Field Assembled Geomembranes
8:40–9:00 a.m.	Manufacturing Fabricated Geomembranes
9:00–9:15 a.m.	Break and Discussions
9:15–10:15 a.m.	Fabrication & Installation
10:15–10:45 a.m.	Geomembrane Testing & Specifying
10:45–11:15 a.m.	Leak Location with Fabricated Geomembranes
11:15–11:30 a.m.	Slope Stability and Interface Strengths
11:30 a.m.–12:15 p.m.	Lunch provided
12:15–12:45 p.m.	Welding & Testing Demonstration—Free samples

Applications of Fabricated Geomembranes

12:45–1:45 p.m.	Floating Covers and Potable Water
1:45–2:30 p.m.	Wastewater Ponds
2:30–2:45 p.m.	Break and Discussions
2:45–3:15 p.m.	Mining Applications
3:15–3:45 p.m.	Reservoirs, Canals, & Irrigation Ponds
3:45–4:15 p.m.	Secondary Containment
4:15–4:45 p.m.	Various Case Histories
4:30–5:00 p.m.	Summary & Questions
5:00 p.m.	Geomembrane Samples, Welding, & Testing



This course will be taught by a variety of industry professionals from academia, construction, engineering, fabrication, equipment manufacturers, and third party testing personnel. Dr. Timothy D. Stark of the University of Illinois at Urbana-Champaign will serve as moderator and describe current FGI activities and research. This course will offer participants a selection of people to draw knowledge and experience from that you can implement into your projects when you return to your office.

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Registration is available at <http://fgidenver.eventbrite.com>

Embassy Suites Denver Aurora
4444 North Havana Street
Denver, CO 80239 USA

Registration Information

- ◆ Registration information, speaker information and maps are available at <http://fgidenver.eventbrite.com>
- ◆ The course is eligible for seven (7) professional development hours
- ◆ Registration fees are: industry professional—\$199 USD; government—\$99 USD; students—free
- ◆ Free geomembrane samples and literature will be available

Questions? contact Dr. Timothy D. Stark: fabricatedgeomembranes@gmail.com or +1-217-333-7394

Go to <http://fgidenver.eventbrite.com> to register