

2020 OSTP Certification Course Descriptions and Offerings

Introduction to Onsite Systems (15 Credits)

Fee: \$390

Exam: Yes

This 15-hour workshop is the foundation for all SSTS certification courses and is best completed prior to the other workshops. It prepares participants for the Basic exam and provides an overview of onsite treatment options and concepts. Enrollment in this workshop includes a copy of the *Manual for SSTS Professionals in Minnesota*.

Topics include:

- Treatment of wastewater
- Wastewater characteristics
- Site evaluation
- Soil treatment systems

10-1	Detroit Lakes - Holiday Inn	1/6-8/20	Deadline: 12/30/19
10-2	St. Cloud - Moose Lodge	2/3-5/20	Deadline: 1/27/20
10-3	Brainerd - The Woods Event Center	3/16-18/20	Deadline: 3/9/20
10-4	Austin - Holiday Inn	11/16-18/20	Deadline: 11/9/20

Installing Onsite Systems (12 Credits)

Fee: \$295

Exam: Yes

This 12-hour workshop prepares attendees for the Installer exam and provides information about proper installation practices.

PREREQUISITE: Introduction to Onsite Systems

Topics include:

- Construction planning
- Construction practices
- Tools for installing
- Pipelayer certification

112-1	Detroit Lakes - Holiday Inn	1/9-10/20	Deadline: 1/2/20
112-2	St. Cloud - Moose Lodge	2/6-7/20	Deadline: 1/30/20
112-3	Brainerd - The Woods Event Center	3/19-20/20	Deadline: 3/12/20
112-4	Austin - Holiday Inn	11/19-20/20	Deadline: 11/12/20

Basic Design of Onsite Systems (24 Credits)

Course begins at 1:00pm

Fee: \$495

Exam: Yes

This 24-hour workshop teaches attendees to properly design various septic systems in preparation for the Basic Designer exam. Enrollees must have the current manual to use during the workshop. Onsite Manuals are available for \$50.

PREREQUISITE: Introduction to Onsite Systems

Topics include:

- Flow determination
- System design
- Tank design
- Pumps and pressure design

20-1	Brainerd - The Woods Event Center	3/23-27/20	Deadline: 3/16/20
20-2	Grand Rapids - Timberlake Lodge	4/20-24/20	Deadline: 4/13/20
20-3	Mankato - Americlnn	12/7-11/20	Deadline: 11/30/20

Soils (15 Credits)

Fee: \$340 or \$510 with *Munsell Color Guide*

Exam: Yes

This 15-hour workshop prepares attendees for the Soils exam and provides participants with a detailed understanding of how particular soils affect the treatment of sewage. Participants will also receive instruction at a field location. *Munsell Color Guides* are available for \$170 and Sand Cards for \$12. This class does NOT meet the 6-hour soils continuing education requirement for all Designer and Inspector categories.

PREREQUISITE: Introduction to Onsite Systems

Topics include:

- Percolation testing
- Field evaluations
- Soil characteristics
- Soil survey use

515-1	Farmington - Dakota County Extension Office	5/12-14/20	Deadline: 5/5/20
515-2	Grand Rapids - Timberlake Lodge	6/29-7/1/20	Deadline: 6/22/20
515-3	Alexandria - Douglas County Public Works Building	9/9-11/20	Deadline: 9/2/20

Inspecting Onsite Systems (15 Credits)

Course begins at 1:00pm

Fee: \$310

Exam: Yes

This 15-hour workshop identifies Minnesota requirements for existing and new system inspections and prepares participants for the Inspector exam.

PREREQUISITE: Introduction to Onsite Systems.

Topics include:

- Administrative requirements
- Existing system inspection
- New system inspection
- Tools and procedures

30-1	Alexandria - Douglas County Public Works Building	6/8-10/20	Deadline: 6/1/20
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Maintaining Onsite Systems (15 Credits)

Fee: \$340

Exam: Yes

This 15-hour workshop gives participants an overview of system management, the federal requirements for land application of septage, and prepares people for the Maintainer exam.

PREREQUISITE: Introduction to Onsite Systems

Topics include:

- Land application rates
- Maintaining Type I SSTS
- Record keeping
- Soil survey use

415-1	St. Cloud - Moose Lodge	2/24-26/20	Deadline: 2/17/20
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Intermediate Design & Inspection of Onsite Systems (24 Credits)

Fee: \$495

Exam: Yes

Course begins at 1:00pm

This 24-hour course prepares individuals for the Intermediate Design and Inspection exam. Intermediate Designers can design Type I - IV systems for domestic strength wastewater up to 2,500 gpd. Intermediate Inspectors can review these designs, inspect these systems, and administer on-going compliance with their operating permits. Enrollment in this workshop includes copies of the MPCA Design Guidance.

PREREQUISITE: Full Certification as a Basic Designer or Inspector; Repeating the OSTP Basic Design course is highly recommended and can be counted as continuing education.

Topics include:

- ATUs
- Flow equalization
- Media filter applications
- Soil treatment design reductions

27-1	Alexandria - Douglas County Public Works Building	4/27-5/1/20	Deadline: 4/20/20
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Advanced Design & Inspection of Onsite Systems (21 Credits)

Fee: \$495

Exam: Yes

This 21-hour course includes a field portion and focuses on the design and inspection of Type IV systems with flows greater than 2500 gpd. This course explores high strength waste, site assessment techniques, and prepares attendees for the Advanced Design exam.

PREREQUISITE: Full Certification as a Basic Designer or Inspector and successful completion of Intermediate exam.

Topics include:

- Collection system design
- Groundwater mounding
- Nitrogen & phosphorus removal
- High strength waste

29-1	Alexandria - Douglas County Public Works Building	5/19-22/20	Deadline: 5/12/20
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All courses begin at 8am unless otherwise noted

Service Provider (21 Credits) Certification Course

Fee: \$495 Exam: Yes

This 21-hour workshop prepares attendees for the Service Provider exam and offers an in-depth look into the care of all system types. This course is based on the National O&M Service Provider materials and will include a field component. It is intended for system maintainers, designers or MPCA certified operators who need training for soil-based system management.

PREREQUISITE: Introduction to Onsite Systems

Topics include the management of:

- Type I O&M
- Type IV O&M
- Collection system O&M
- System troubleshooting

49-1 Mankato - Americlnn 5/4-7/20 Deadline: 4/27/20

Maintainer Continuing Education (12 Credits)

Fee: \$295 Exam: No

This 12-hour workshop is specifically designed as continuing education for those involved in maintaining septic systems.

Topics include:

- 503 regulations
- System care
- Troubleshooting
- Other establishments

46-1 Brainerd - The Woods 3/2-3/20 Deadline: 2/24/20
Event Center

Design/Inspector Continuing Education (12 Credits)

Fee: \$295 Exam: No

This 12-hour workshop is designed to meet the continuing education requirement of SSTS professional holding a designer and/or inspector certification. The course will focus on design and inspection issues.

Topics include:

- Rule/policy updates
- How to add capacity
- Commercial systems
- Challenging inspections
- System design with new forms

82-1 Brainerd - The Woods 4/15-16/20 Deadline: 4/8/20
Event Center

SSTS Design Forms Training Continuing Education (4 Credits)

Course begins at 12:30pm Fee: \$115 Exam: No

This 4-hour workshop will review and use the current design forms for completing and submitting a new system design. This allows people with limited experience to get hands-on practice with design forms. This workshop will be in a computer lab and has limited enrollment.

Topics include:

- Design forms
- Preliminary and field evaluation forms
- Management plans

21-1 Cloquet Forestry Center 2/21/20 Deadline: 2/14/20
21-2 Chaska - Carver County 4/13/20 Deadline: 4/6/20
Courthouse

Soils Continuing Education (6 Soils-Specific Credits)

Fee: \$255 or \$425 with *Munsell Color Guide* Exam: No

This 6-hour course couples classroom and field training to meet the soils-specific MPCA continuing education requirement for designers and inspectors. *Munsell Color Guides* are available for \$170 and Sand Cards for \$12.

Topics include:

- Regional geology and soils
- Soils observations
- Local soil hydrology information
- System siting and design

55-1 Austin - Holiday Inn 5/27/20 Deadline: 5/20/20
55-2 Willmar Conference Center 6/25/20 Deadline: 6/18/20
55-3 Cloquet Forestry Center 7/16/20 Deadline: 7/9/20
55-4 Ottertail - Thumper Pond 7/28/20 Deadline: 7/21/20
55-5 Bemidji - Hampton Inn 8/19/20 Deadline: 8/12/20
55-6 Marshall - Ramada Inn 9/15/20 Deadline: 9/8/20
55-7 Farmington - Dakota County 10/1/20 Deadline: 9/24/20
Extension Office

Design Field Day Continuing Education (6 Credits)

Fee: \$165 Exam: No

This 6-hour workshop combines a classroom and field component to teach the design process. The course will review the requirements for designing a system and the required aspects to be submitted to the LGU. The field portion will be an evaluation of the soil characteristics and completion of the design report.

Topics include:

- Required design steps
- Working with elevations
- System loading
- Soil applications and concerns

63-1 Ottertail - Thumper Pond 7/29/20 Deadline: 7/22/20

2020 OSTP Continuing Education Course Descriptions and Offerings

Installer Continuing Education (12 Credits)

Fee: \$295 Exam: No

This 12-hour workshop will meet the continuing education requirements for any certification but is specifically tailored for Installers. All information will be provided from the perspective of a system installer.

Topics Include:

- Construction safety
- Pumps and dosing
- Keys to proper installation
- Rule change implications

69-1 Detroit Lakes - Holiday Inn 1/14-15/20 Deadline: 1/7/20
69-2 Willmar Conference Center 2/27-28/20 Deadline: 2/20/20
69-3 Brainerd - The Woods 12/2-3/20 Deadline: 11/25/20
Event Center

General Continuing Education (12 Credits)

Fee: \$295 Exam: No

This 12-hour workshop is designed to meet the continuing education requirement for SSTS professional registration. The topics will be varied to give a wide range of information for SSTS professionals.

Topics include:

- Rule change implications
- Working on difficult sites
- Pressure distribution
- MPCA update

60-1 Alexandria - Douglas County 3/4-5/20 Deadline: 2/26/20
Public Works Building
60-2 Farmington - Dakota County 11/12-13/20 Deadline: 11/5/20
Extension Office
60-3 Cloquet Forestry Center 12/16-17/20 Deadline: 12/9/20

Emerging SSTS Issues Continuing Education (12 Credits)

Fee: \$295 Exam: No

This 12-hour continuing education class will meet the continuing education needs of any septic system professional, but will focus on new issues and research in the SSTS Industry. MPCA staff will also provide MPCA updates.

Topics include:

- Challenging waste streams
- Chemicals of emerging concern
- Water table monitoring on larger SSTS
- MPCA update
- Microplastics
- Changing water use

62-1 St. Cloud - Moose Lodge 1/23-24/20 Deadline: 1/16/20