Erosion and Stormwater Management Certification Program

Class Schedule and Registration
www.erosion.umn.edu
To register: review the schedule of courses on the following pages. Enter the section number, city, and dates for each course that you select below. You may enter a second choice of section; we will automatically register you for that if your first choice is full.

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Section # 1st Choice</th>
<th>Course Location (City)</th>
<th>Course Date(s)</th>
<th>Section # 2nd Choice</th>
<th>Fee (Take advantage of the earlybird price if post-marked by deadline)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EI 1001 Construction Installer</td>
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<tr>
<td>RI 1501 Recertification: Construction Installer</td>
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<tr>
<td>EM 2001 Construction Site Management</td>
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<tr>
<td>RM 2501 Recertification: Const. Site Mgmt.</td>
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<tr>
<td>ED 3001 Design of Construction SWPPP</td>
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<tr>
<td>RD 3501 Recertification: Design of Const. SWPPP</td>
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<tr>
<td>Non-certification course please indicate course #</td>
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</tbody>
</table>

Total Due: ____________

Check www.erosion.umn.edu or call 800-646-2282 or 612-625-9733 for updated information about full or cancelled sections.

MAIL REGISTRATION WITH PAYMENT (SEE OPTIONS BELOW)
OR GOVERNMENT PURCHASE ORDER TO:
Erosion and Stormwater Management Certification
University of Minnesota
1390 Eckles Avenue
St. Paul, MN 55108-6005

FAX REGISTRATION (CREDIT CARD ONLY) TO SECURED FAX: 612-626-6030
REGISTER ONLINE (CREDIT CARD ONLY) AT http://www.erosion.umn.edu

MnDOT EMPLOYEES: register through your Employee Development Specialist.
This one-day course is designed for those who install erosion and sediment control devices and establish vegetation on construction sites. The emphasis is on permit regulations pertaining to laborer activities and proper installation and quality control of various erosion and sediment control devices and turf establishment practices. Other topics include an overview of pertinent inspection procedures. This course is taught entirely in the classroom. This class is also appropriate for those inspecting construction sites for assurance of installation quality. (6 PDH)

Who should attend:
- Owners’ representative personnel inspecting seeding, mulching, silt fence placement, topsoil placement, erosion control blanket installation, riprap placement, silt curtain, inlet protection, culvert installations in waterbodies and embankment construction near rivers, lakes, and streams.
- Crew supervisors of turf establishment/seedin contractors, and other construction personnel installing temporary erosion and sediment control devices. Note: MnDOT Standard Specifications require a minimum of one certified individual per project.

This two-day course is designed for those who supervise, run, or direct construction site operations, grading work, culvert replacement work, and bridge construction work. This course covers permit requirements, roles and responsibilities, inspection procedures, example specifications, how to use a SWPPP, and best management practices to reduce or control erosion and sedimentation. Other topics include soil erodibility, turf establishment techniques, grading techniques to minimize erosion, timing of installations, and proper installation of best management practices. Also covered will be implementation of the erosion and sediment control plan, requirements of various regulatory agencies, and consequences of permit violations. This course is taught entirely in the classroom. (12 PDH)

Who should attend:
- Personnel and owners’ representatives acting as project engineers, project supervisors, and chief inspectors on projects disturbing more than one acre of land. Note: MnDOT Standard Specifications require a minimum of one certified individual per project.
- Personnel (superintendent/foreman) in charge of construction disturbing more than one acre of land and construction personnel in charge of construction activities. Contractor personnel assigned to conduct NPDES sites inspections and fill out NPDES weekly log. Note: MnDOT Standard Specifications require a minimum of one certified individual per project.

Select courses available online
See information on the next page

If you took an Erosion and Stormwater Management Certification course in Fall 2016 or Spring 2017, your certification will expire on May 31, 2020, and you need to recertify. If you are unable to attend one of the scheduled recertification courses, you have the option of attending the regular courses listed above, for the full price and time. If your certification has lapsed, you must take the regular certification course.
Certification for Permanent Best Management Practice Maintenance

The University of Minnesota has offered workshops with certification for maintaining permanent stormwater management systems like ponds, infiltration systems, and underground chambers for the last 5 years. These courses are for personnel who inspect, maintain, or direct maintenance on stormwater control measures. Attendees learn the fundamentals of how these systems function and how to evaluate what is needed to maintain the function of the system. Completion of the initial course (Section 472) provides the attendee with a certification that is valid for 3 years, after which the attendee must take the recertification course (Section 473) to maintain his/her certification.

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Fee</th>
<th>Date</th>
<th>Location</th>
<th>Earlybird Deadline</th>
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</thead>
<tbody>
<tr>
<td>472</td>
<td>$250</td>
<td>May 11-12, 2020</td>
<td>Arboretum</td>
<td>(May 4, 2020)</td>
</tr>
<tr>
<td>473</td>
<td>$125</td>
<td>May 13, 2020</td>
<td>Arboretum</td>
<td>(May 6, 2020)</td>
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</tbody>
</table>

Online Classes!

The University of Minnesota is now offering Construction Installer and Construction Installer Recertification in an online format.

Attendees will receive a laminated pocketbook guide via U.S. Mail within approximately one week of registration. While attendees may complete the regulatory portion of the online course prior to receiving the laminated guide, it is recommended that the remaining portions of the class be completed after receiving the laminated guide.

For more information about online classes visit www.erosion.umn.edu

Course Information

ED 3001 Design of Construction Stormwater Pollution Prevention Plans
$335 8:00 A.M. - 4:30 P.M.  INCLUDES WRITTEN EXAM
$310 Earlybird registration—see below for deadlines

This two-day course is for personnel involved with the design of construction stormwater pollution prevention plans. The course focuses on the SWPPP design elements for most construction sites disturbing more than one acre of land. The course covers NPDES construction permit requirements, design procedures, available resources for design, and other regulatory requirements. Also included are examples of SWPPP drawings and text. The course emphasizes selection and design of appropriate temporary and permanent best management practices (BMPs), proper location of BMPs, and application of bid quantity/payment items. Examples and exercises in the class include road, linear, residential, and commercial construction operations. This course is taught entirely in the classroom. (12 PDH)

Who should attend:

- Managers, Engineers, Engineering Specialists, Environmental Scientists, and Technicians who prepare or oversee the preparation of stormwater pollution prevention plans for all projects disturbing more than one acre of land.
- Personnel who review stormwater pollution prevention plans.

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<thead>
<tr>
<th>Sec.</th>
<th>Date</th>
<th>Location</th>
<th>Earlybird Deadline</th>
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</thead>
<tbody>
<tr>
<td>301</td>
<td>Sept. 10-11, 2019</td>
<td>Arden Hills</td>
<td>(Sept. 4, 2019)</td>
</tr>
<tr>
<td>302</td>
<td>Nov. 5-6, 2019</td>
<td>Little Falls</td>
<td>(Oct. 30, 2019)</td>
</tr>
<tr>
<td>304</td>
<td>Feb. 12-13, 2020</td>
<td>Duluth</td>
<td>(Feb. 6, 2020)</td>
</tr>
<tr>
<td>305</td>
<td>Mar. 4-5, 2020</td>
<td>Arden Hills</td>
<td>(Feb. 27, 2020)</td>
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</tbody>
</table>

*(CFS) - Call for Status - (612-625-9733)*

Visit www.erosion.umn.edu to find out about schedule changes and additions as well as information about other courses available

Established 2002!
Recertification Course Information

If you took an Erosion and Stormwater Management Certification course in Fall 2016 or Spring 2017, your certification will expire on May 31, 2020, and you need to recertify. Recertification courses provide information on new regulations, products, and resources. These courses are taught entirely in the classroom. If you are unable to attend one of the scheduled recertification courses, you have the option of attending the regular courses for the full price and time.

RI 1501 Recertification: Construction Installer
$140 8:00 A.M. - 4:30 P.M.  INCLUDES WRITTEN EXAM
$115 Earlybird registration—see below for deadlines
This one-day course is designed for those who have been certified in Construction Installer and need to renew their certification. (5.5 PDH)

Who should attend: Personnel who have a Construction Installer certification that expires on May 31, 2020.

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<thead>
<tr>
<th>Sec.</th>
<th>Date</th>
<th>Location</th>
<th>Earlybird Deadline</th>
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</thead>
<tbody>
<tr>
<td>151</td>
<td>Oct. 8, 2019</td>
<td>Arden Hills</td>
<td>(Oct. 1, 2019)</td>
</tr>
<tr>
<td>152</td>
<td>Dec. 12, 2019</td>
<td>Arden Hills</td>
<td>(Dec. 5, 2019)</td>
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RM 2501 Recertification: Construction Site Management
$145 8:00 A.M. - 4:30 P.M.  INCLUDES WRITTEN EXAM
$120 Earlybird registration—see below for deadlines
This one-day course is designed for those who have been certified in Construction Site Management and need to renew their certification.

Who should attend: Personnel who have a Construction Site Management certification that expires on May 31, 2020.

Classes may have specialized topics. See Recertification Specialization page for more information.

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<th>Sec.</th>
<th>Date</th>
<th>Location</th>
<th>Earlybird Deadline</th>
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<tbody>
<tr>
<td>251</td>
<td>Sept. 17, 2019</td>
<td>Arden Hills</td>
<td>(Sept. 10, 2019)</td>
</tr>
<tr>
<td>253</td>
<td>Nov. 21, 2019</td>
<td>Mankato</td>
<td>(Nov. 14, 2019)</td>
</tr>
<tr>
<td>254</td>
<td>Dec. 5, 2019</td>
<td>Arden Hills</td>
<td>(Nov. 28, 2019)</td>
</tr>
<tr>
<td>256</td>
<td>Jan. 8, 2020</td>
<td>Rochester</td>
<td>(Jan. 1, 2020)</td>
</tr>
<tr>
<td>257(IS)</td>
<td>Jan. 15, 2020</td>
<td>Arden Hills</td>
<td>(Jan. 8, 2020)</td>
</tr>
<tr>
<td>258</td>
<td>Jan. 29, 2020</td>
<td>Fergus Falls</td>
<td>(Jan. 22, 2020)</td>
</tr>
<tr>
<td>259</td>
<td>Feb. 5, 2020</td>
<td>Bemidji</td>
<td>(Jan. 29, 2020)</td>
</tr>
<tr>
<td>261(Bridge)</td>
<td>Feb. 20, 2020</td>
<td>St. Cloud</td>
<td>(Feb. 13, 2020)</td>
</tr>
<tr>
<td>262</td>
<td>Feb. 21, 2020</td>
<td>Arden Hills</td>
<td>(Feb. 14, 2020)</td>
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<td>263</td>
<td>Feb. 25, 2020</td>
<td>Arden Hills</td>
<td>(Feb. 18, 2020)</td>
</tr>
<tr>
<td>264(IS)</td>
<td>Mar. 11, 2020</td>
<td>Duluth</td>
<td>(Mar. 4, 2020)</td>
</tr>
<tr>
<td>271</td>
<td>Mar. 6, 2020</td>
<td>Arden Hills</td>
<td>(Feb. 27, 2020)</td>
</tr>
<tr>
<td>272</td>
<td>Mar. 17, 2020</td>
<td>Arden Hills</td>
<td>(Mar. 11, 2020)</td>
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</table>

RD 3501 Recertification: Design of Construction Stormwater Pollution Prevention Plans
$180 8:00 A.M. - 4:30 P.M.  INCLUDES WRITTEN EXAM
$155 Earlybird registration—see below for deadlines
This one-day course is for those who have been certified in Design of Construction Stormwater Pollution Prevention Plans and need to renew their certification. Classes may have specialized topics. See Recertification Specialization page for more information. (5.5 PDH)

Who should attend: Personnel who have a Design of Construction SWPPP certification that expires on May 31, 2020.

Classes may have specialized topics. See Recertification Specialization page for more information.

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<th>Sec.</th>
<th>Date</th>
<th>Location</th>
<th>Earlybird Deadline</th>
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<tbody>
<tr>
<td>352(I)</td>
<td>Nov. 7, 2019</td>
<td>Little Falls</td>
<td>(Oct. 31, 2019)</td>
</tr>
<tr>
<td>353(E)</td>
<td>Jan. 28, 2020</td>
<td>Rochester</td>
<td>(Jan. 21, 2020)</td>
</tr>
<tr>
<td>354(L)</td>
<td>Feb. 6, 2020</td>
<td>Arden Hills</td>
<td>(Jan. 30, 2020)</td>
</tr>
<tr>
<td>355(C)</td>
<td>Feb. 11, 2020</td>
<td>Duluth</td>
<td>(Feb. 4, 2020)</td>
</tr>
<tr>
<td>357(ER)</td>
<td>Feb. 27, 2020</td>
<td>Arden Hills</td>
<td>(Feb. 20, 2020)</td>
</tr>
<tr>
<td>358 (L)</td>
<td>April 15, 2020</td>
<td>Arden Hills</td>
<td>(Apr. 8, 2020)</td>
</tr>
</tbody>
</table>

(MS4) - MS4 Emphasis
(B) - Bridge Emphasis
(IS) Inspection Emphasis
*(CFS) - Call for Status - CFS (612-625-9733)

Visit www.erosion.umn.edu to find out about schedule changes, additions and information about other course offerings.
Recertification Specialization

To better serve our attendees, we are offering choices of recertification classes. All of these courses provide the same Design of Construction SWPPP or Construction Site Management certification, and attendees are encouraged to explore new stormwater technologies and topics while getting the NPDES permit updates. Descriptions of class options are listed below.

**Design of Construction Stormwater Pollution Prevention Plans Recertification with Linear Emphasis**

This SWPPP recertification class provides information on the current NPDES construction permit and additional content on SWPPPs created for linear projects (such as highways and some utility work). Register for Section: 354

**Design of Construction Stormwater Pollution Prevention Plans Recertification with Infiltration Emphasis**

This SWPPP recertification class provides information on the current NPDES construction permit and additional content on the design, construction, and maintenance of surface bioinfiltration best management practices. Register for Section: 352 or 356

**Design of Construction Stormwater Pollution Prevention Plans Recertification with Engineering Ethics Emphasis**

This SWPPP recertification class provides information on the current NPDES construction permit, and will include a two-hour module with a focus on professional engineering ethics. Register for Section: 353

**Design of Construction Stormwater Pollution Prevention Plans Recertification with Environmental Review Emphasis**

This SWPPP recertification class provides information on the current NPDES construction permit, and will include a two-hour module with a focus on environmental review documents. Register for Section: 351 or 357

**Construction Site Management Recertification with Demolition Emphasis**

This Construction Site Management Recertification class provides information on the current NPDES construction permit and additional content on the stormwater management associated with removal of existing structures such as roads, buildings, bridges, and other infrastructure. No sections available at this time.

**Construction Site Management Recertification with Bridge Emphasis**

This Construction Site Management Recertification class provides information on the current NPDES construction permit and additional content on the stormwater management associated with highway bridge construction. Register for Section: 261

**Construction Site Management Recertification with Inspection Emphasis**

This Construction Site Management Recertification class provides information on the current NPDES construction permit, with additional in-depth content on performing construction stormwater inspections. Register for Section: 257 or 264

**Construction Site Management Recertification with MS4 Permit Emphasis**

This Construction Site Management Recertification class provides information on the current NPDES construction permit and additional content regarding inspections and compliance with the MS4 permit. Register for Section: 262

**Design of Construction Stormwater Pollution Prevention Plans Recertification with Culvert Emphasis**

This SWPPP recertification class provides information on the current NPDES construction permit and two hours of content on new culvert design concepts that consider ecological benefits as well as sediment transport and hydraulic capacity. Register for Section: 355

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.
Other Class Offerings

Additional classes are offered through the Erosion and Stormwater Management Certification Program. These classes are solely educational and do not include exams or provide a certification upon completion of the course. See the program website for class descriptions, dates, and registration information. Please contact us or check the website if you are interested in the following classes.

**ES 2002 Small Site and Residential Construction Management**
- **Date**: To Be Determined
- **Location**: To Be Determined
- **Fee**: $95 7:00 a.m. - 12:00 noon **$70 Earlybird**

This half-day course is for personnel responsible for NPDES Construction Permit compliance on small residential or light commercial sites. This class will cover topics on regulations, permit paperwork, and economical management techniques for compliance. (4.5 PDH)

**MR 4001 Regulatory Enforcement**
- **Fee**: $185 8:00 a.m. - 4:30 p.m. **$160 Earlybird**
- **Date**: May 14, 2020
- **Location**: To Be Determined

This one-day course is for personnel responsible for inspecting construction sites for NPDES compliance as part of Municipal Separate Storm Sewer System (MS4) permits. This class is also appropriate for consultants or contracted personnel responsible for construction site compliance inspections. This class is partly in the field and appropriate for all experience levels as it uses an open forum approach to many topics. **NEW**: Certification options now available. (5.5 PDH)

**P8 Modeling**
- **Fee**: $225 8:30 a.m. - 4:30 p.m.
- **Date**: February 19, 2020
- **Location**: Bloomington

This one-day class is for those responsible for modeling or reviewing watershed BMP effectiveness. This class discusses stormwater management practice modeling and uses the free P8 software to illustrate concepts. Attendees will leave with an understanding of how to use the P8 software as well as modeling concepts. (7 PDH)

**ED4201 Designing for Volume Control and Infiltration**
- **Fee**: $250 8:00 a.m. - 3:30 p.m.
- **Date**: To Be Determined
- **Location**: To Be Determined

This one-day class is for professional designers and those responsible for reviewing stormwater management practice designs. This class discusses design procedures for volume control, with a greater focus on infiltration and overall stormwater management. (7 PDH)

**MS1108 - Introduction to Illicit Discharge Management (IDDE)**
- **Fee**: $40 9:00 a.m. - 12:00 noon
- **Date**: March 12, 2020
- **Location**: University of Minnesota, St. Paul Campus

This half-day workshop will cover topics on illicit discharge relevant to the Minnesota Pollution Control Agency’s NPDES Municipal Separate Storm Sewer (MS4) Permit. This class will provide a basic overview of IDDE, how to approach a suspected illicit discharge, and how to respond to suspected discharges. This seminar is for municipal staff who are responsible for NPDES MS4 Permit IDDE compliance for staff addressing IDDE complaints and observations, and for municipal maintenance staff who are routinely in the field. (3 PDH)

**Industrial Stormwater**

The Erosion and Stormwater Management Certification Program offers a series of half-day and full-day courses that cover all aspects of industrial stormwater including the industrial stormwater permit, design of industrial stormwater pollution prevention plans, sampling and monitoring industrial stormwater, and response to benchmark exceedance. For more information regarding these classes, check the website www.erosion.umn.edu for the Industrial Stormwater Class Schedule and Registration

*Check www.erosion.umn.edu for the most current dates and locations. If you cannot find a date or location that meets your needs, please contact us with your request.*
Erosion and Stormwater Management Certification Program

The University of Minnesota began this program in 2002 to provide comprehensive training for project managers, contractors, inspectors, and designers in the construction industry, and now also provides training for other stormwater audiences as well. This program provides training to meet the Minnesota NPDES Construction Permit requirements. This program also provides certification for personnel required for MnDOT and State Aid funded projects involving bridges crossing rivers and streams, major grading projects, design/build projects, and all projects requiring an NPDES construction permit. Certifications must be renewed every three years to remain valid.

Recertification Eligibility
You can take the recertification course at any time during your three-year certification period, and renew your three-year certification from the current date.

If your certification expires on May 31, 2020 you must recertify this year to keep your certification current. If your certification has lapsed (i.e. if you took a certification course in Fall 2015 or Spring 2016 and did not recertify by taking a course during Spring 2019) you are NOT eligible for the recertification course, and must take the regular course again.

Registration Information
Registrations will be processed on a first-come, first-served basis. Class sizes are limited, so early registration is encouraged for best selection of classes. Registrations will not be processed without payment. You may pay by check, credit card, or governmental purchase order. You can check http://www.erosion.umn.edu/ to see if seats are still available.

Registration Fee
Register by the deadline (postmarked one week in advance) to get a $25 discount and for best selection of courses. It also helps us to plan for an adequate amount of course materials and refreshments.

Cancellation Fee
Cancellations will be accepted up to seven calendar days prior to the course with a $25 Cancellation Fee. If you cancel after that time, or if you fail to appear at the course, you will forfeit your entire registration fee. Failure to appear at the course due to inclement weather will also follow this policy. Cancellation requests must be submitted in writing via e-mail (erosion@umn.edu) or fax (612-626-6030).

No refunds will be provided in the event that a class is canceled due to inclement weather.

Substitutions
You may substitute another person’s registration for your own; we request notification no less than two working days before the course.

Course Schedule
Typically, class check-in begins at 7:30 a.m., with classes running from 8:00-4:30. At some facilities, doors and registration open at 8:00 a.m. In these cases check-in begins at 8:00 with class content beginning as soon as everyone has checked in.

Lunch is typically on your own at all classes.

Snacks and beverages will be available during both a morning and afternoon break at some classes.

Materials
Your workshop fee includes all reference materials. Please bring notepaper, pencils, and a calculator.

Exam
All certification classes include a written exam. The exam is mostly multiple choice questions, and will start around 3:30 p.m.

Disability Accommodations
To request disability accommodations, please contact the University of Minnesota at 800-646-2282 or 612-625-9733 at least five weeks prior to the scheduled course.

Registration Information
Erosion and Stormwater Management Certification Program
University of Minnesota
1390 Eckles Avenue
St. Paul, MN 55108-6005
Phone: 800-646-2282 or 612-625-9733
Fax: 612-626-6030
Email: erosion@umn.edu
http://www.erosion.umn.edu

Technical/Certification Questions
612-626-4857

Visit www.erosion.umn.edu for up-to-date information on schedule changes and additions, as well as other courses such as Regulatory Enforcement and more!