Statewide LID Training Program: Requirements for Advanced Courses

Advanced Topics in LID Design: Course Background

The Advanced Topics in LID Design for the Statewide LID Training Program build on the intermediate design courses offered in the 2, 3 and 4 series modules. Specifically, advanced design courses offer participants the following:

- **Courses focused on bioretention, permeable pavement, rainwater collection systems and vegetated roofs, and bioretention media and compost amended soils** will concentrate on specifications, design details, water quality treatment, and flow control performance at a level necessary to properly apply these LID BMPs in complex retrofit and new construction settings.

- **The Site Assessment, Planning and Layout courses** will emphasize soil and subsurface hydrologic analysis and innovative site layout at a level necessary to layout LID projects in complex physical settings.

- **The Hydrologic Modeling courses** will use hands-on modeling exercises to explore the more advanced capabilities of WWHM and MGSFlood to better describe water movement through bioretention, routing water through connected facilities and other aspects of distributed LID systems.

The advanced design courses will emphasize hands-on experience. The requirements for entry into the design and long-term operations courses are described below.

Requirements for entry to the Statewide LID Training Program’s Advanced Topics in LID Design

There are four options for fulfilling entrance requirements to the Advanced Topics for LID Design:

**Option 1**

To fulfill the requirement for individual advanced courses, complete the intermediate level LID design course associated with the specific advanced training topic.

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<th>Advanced Course</th>
<th>Prerequisite</th>
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<tr>
<td>Advanced Topics in LID Design: Bioretention</td>
<td>Intermediate LID Design: Bioretention</td>
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<td>Advanced Topics in LID Design: Permeable Pavement</td>
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<td>Advanced Topics in LID Design: Site Assessment, Planning and Layout</td>
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<td>Advanced Topics in LID Design: Rainwater Collection systems and Vegetated Roofs</td>
<td>Intermediate LID Design: Rainwater Collection Systems and Vegetated Roofs</td>
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**Please note:** Classes from the WSU LID Technical Workshop Series associated with specific advanced courses can also be used as perquisites for entering the advanced courses.
You must be in attendance throughout each of the above prerequisite courses and attendance recorded by signing in and signing out to qualify for the advanced training.

**Option 2**
To fulfill requirements for all advanced courses, attain the Certificate through the Statewide LID Training Program
- See the policies for completing the Statewide LID Training Program Certificate on the Washington Stormwater Center website (coming soon).

**Option 3**
To fulfill requirements for all advanced courses, attain the Washington State University (WSU) LID Technical Workshop Series Certificate
- See WSU policies for completing the LID certificate on the Washington Stormwater Center website (http://cm.wsu.edu/ehome/index.php?eventid=85334&).

**Option 4**
To fulfill requirements for all advanced courses, complete the University of Washington (UW) LID Certificate in Green Stormwater Infrastructure Design and Management
- See UW policies for completing the LID certificate on the UW Professional and Continuing Education website. (http://www.pce.uw.edu/certificates/green-stormwater-infrastructure.html)

Potential candidates for the advanced trainings that have not completed any of the above courses, but have significant LID design experience can sign up on a waitlist. Waitlist candidates without the above prerequisites will be asked to respond to a set of pre-screening questions. This option for entry into the advanced courses is only available if the course is not full with participants meeting the prerequisite options 1-4.

Participants must pass a test associated with each course with a grade of 75% or higher to successfully complete the advanced courses.

The advanced LID design courses are currently being developed. Stay tuned for updates on curriculum, dates, and location for these course offerings.

**Requirements to qualify for the Statewide LID Training Program’s Advanced Topics for Long-term LID Operations courses**

There are no prerequisites required to qualify for the advanced LID long-term operations courses. While not required, Module 2.1: Introduction to LID for Inspection and Maintenance Staff is highly recommended for the advanced courses.

**Questions**
*If you have questions regarding the Statewide LIID Training Program advanced courses, please contact Cascadia Consulting Group at:*

206.449.1163 or email training@cascadiaconsulting.com