

SUSTAINABLE CONSTRUCTION*

Certificate of Specialization



The principles of sustainable construction are considered to be the future of modern construction. It is expected that the majority of impending construction projects will be centered on the abilities of construction professionals to determine how to apply sustainable construction principles to new construction, retrofitting old buildings and managing facilities. Sustainable construction ensures that our construction decisions of today do not negatively affect the environmental options of the future. Construction professionals who are well versed in sustainable construction theories are able to take into consideration all aspects of efficiency and moderation in the use of new materials and existing construction projects. This 14-credit-hour Certificate of Specialization will create a sound foundation for any professional who wants to acquire the knowledge needed to succeed in today's environmentally conscious world.

ABOUT THE PROGRAM

This program will provide students with the knowledge and skills required to work in the emerging field of sustainable construction. Students will learn to use the core concepts and strategies needed to build, construct and maintain tomorrow's buildings. They will learn to read and analyze construction drawings and other documents, evaluate building materials, examine building systems, and apply the principles and practices of sustainability to decision-making processes in all phases of construction.

This certificate will be beneficial to those pursuing entry-level positions, and is ideal for any construction professional who wants to add sustainability skills to their skill set. The schedule for this program is designed to accommodate working professionals. This certificate is specifically designed to complement

St. Louis Community College's existing Construction Management Technology AAS degree program and may be used as core or elective courses in the pursuit of this degree. Graduates of this program will possess the marketable skills needed to qualify them to work in a variety of construction-related occupations.

OPPORTUNITIES IN THIS FIELD

With greater frequency, training in sustainable construction will be incorporated into all facets of the construction process. Professionals with this training will set themselves apart from others, leading to higher quality job opportunities.

SALARY INFORMATION

Individual salaries vary by geographic location, education, experience and the type and size of the employer.

TUITION

Currently, district residents pay \$88 per credit hour. Additional fees may apply to some programs and courses.

FOR MORE INFORMATION

Contact:

Rich Unger, program coordinator,
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Carla Jordan, cjordan55@stlcc.edu,
314-513-4633

"Recent updates to Building Codes have included a strong focus on sustainable construction methods, materials and practices. As economic conditions strengthen, a workforce trained in sustainable construction will be necessary to be able to comply with building codes and compete in the construction marketplace. This program is a critical part of that process. Students with this education will become a highly valuable asset to construction industry employers!"

-Matt Belcher, Belcher Homes

YOU CAN EARN THIS CERTIFICATE AT:

Florissant Valley

You may take general education classes toward this certificate at any of our campuses or education centers.

**Pending approval by the Missouri Department of Higher Education*



Expanding Minds • Changing Lives

SUSTAINABLE CONSTRUCTION*

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Florissant Valley



Forest Park



Meramec



Wildwood



GETTING STARTED AT STLCC

- 1) **Apply for Admission**
Online, by mail/fax or in person at any campus.
- 2) **Apply for Financial Aid**
Apply for grants, scholarships, loans or work-study.
- 3) **Complete Assessment**
You may need to complete an assessment for placement in the proper level courses.
- 4) **Get Advised**
Meet with an advisor or career counselor. Attend a College Registration/Enrollment Workshop (CREW).
- 5) **Get Connected**
Access your MySTLCC ID and set up a secure password. Activate your student e-mail and log in to Banner Self-Service.
- 6) **Register for Classes**
Online, in person or via mail/fax.
- 7) **Pay for Classes**
Payment plan option is available.
- 8) **Prepare for Class**
Purchase books, attend New Student Success Orientation and get your STLCC OneCard student photo ID.

Visit www.stlcc.edu/Get_Started for details and important links.

Non-discrimination Statement

St. Louis Community College is committed to non-discrimination and equal opportunities in its admissions, educational programs, activities and employment regardless of race, color, creed, religion, sex, sexual orientation, national origin, ancestry, age, disability, genetic information or status as a disabled or Vietnam-era veteran and shall take action necessary to ensure non-discrimination.

Accommodations Statement

St. Louis Community College is committed to providing access and reasonable accommodations for individuals with disabilities. If you have accommodation needs, please contact the Access office at the campus where you are registering at least six weeks prior to the start of class to request accommodations. Event accommodation requests should be made with the event coordinator at least two working days prior to the event. Documentation of disability may be required.

CURRICULUM

Course Number	Course Title	Credit Hours
___CE:115	Construction Materials and Methods	3
___CE:116	Blueprint Reading	3
___CE:118	Sustainable Construction	3
___GE:163	Construction Documents and Communication	2
___ME:261	Building Systems—A Holistic Approach	3

Total Credits for Program: 14

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