The Future of Your Career

The principles of sustainable construction are considered to be the leading edge 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.

About the Program

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. Students in this emerging field 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.

Fees

Please visit www.stlcc.edu/fees for the most current information. Additional fees apply to some courses. Fees are subject to change.

Contact Information

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“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 degree at any of our campuses or education centers.
## Certificate of Specialization

<table>
<thead>
<tr>
<th>CURRICULUM</th>
<th>Course Description</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ CE:115</td>
<td>Construction Materials and Methods</td>
<td>3</td>
</tr>
<tr>
<td>___ CE:116</td>
<td>Blueprint Reading</td>
<td>3</td>
</tr>
<tr>
<td>___ CE:118</td>
<td>Sustainable Construction</td>
<td>3</td>
</tr>
<tr>
<td>___ GE:163</td>
<td>Construction Documents and Communication</td>
<td>2</td>
</tr>
<tr>
<td>___ ME:261</td>
<td>Building Systems—A Holistic Approach</td>
<td>3</td>
</tr>
</tbody>
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**Total Credit Hours for Program:** 14

www.stlcc.edu/programs/Sustainable_Construction