



Southwestern Illinois College Construction Management Technology Degree

Mission Statement:

The Construction Management Technology department of Southwestern Illinois College will provide students with the fundamental professional skills and knowledge required for gainful employment in an entry level position in a Construction Management career field. The program is committed to providing local Architects, Engineers, and Construction Management Firms with highly trained management team members. Graduates gain the knowledge necessary to meet the ever changing needs of the industries in our district.

Educational Goals:

Upon completion of the Construction Management Technology degree the student will be able to:

1. Demonstrate effective communication, both orally and in writing.
2. Demonstrate the ability to estimate quantities and costs for the bidding process in a construction project.
3. Demonstrate the ability to schedule a basic construction project.
4. Demonstrate the ability to use current technology related to the construction process.
5. Interpret construction documents (contracts, specifications, and drawings) used in managing a construction project.
6. Apply basic principles of construction accounting.
7. Use basic surveying techniques used in building layout.
8. Discuss basic principles of ethics in the construction industry.
9. Identify the fundamentals of contracts, codes, and regulations that govern a construction project.
10. Recognize basic construction methods, materials and equipment.
11. Recognize basic safety hazards on a construction site and standard prevention measures.
12. Recognize the basic principles of structural design.
13. Recognize the basic principles of mechanical, electrical and piping systems.

*Submitted by: Jim Laing
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