South Central College

BDET 1100  Introduction to Building Design and Energy Technology

Course Outcome Summary

Course Information

| Description                                                                 | Overview of academic preparation and career opportunities in the field of: Architectural, Mechanical-Electrical-Plumbing (MEP), structural, building design and energy technology. |
| Total Credits                                                               | 1 |
| Total Hours                                                                 | 16 |

Types of Instruction

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<tr>
<th>Instruction Type</th>
<th>Credits/Hours</th>
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<td>Lecture</td>
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Pre/Corequisites

None

Institutional Core Competencies

Civic Engagement and Social Responsibility - Students will be able to demonstrate the ability to engage in the social responsibilities expected of a community member.

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Course Competencies

1. **Describe the career opportunities in Architectural, MEP, Structural and Energy Technology.**
   
   Learning Objectives
   
   List areas that relate to architectural, MEP structural and the energy filed through research.
   
   Perform an area search of possible employers and a report for the Career Exploration project.
   
   Demonstrate professional work ethics.
   
   Demonstrate an understanding of a portfolio.

2. **Understand the Academic environment at South Central College.**
   
   Learning Objectives
   
   Demonstrate an understanding of the Library.
   
   Demonstrate an understanding of the Student Code of Conduct and related policies.
Identify the various Student Services and student organizations.

3. **Identify the technology required.**

   **Learning Objectives**
   - Demonstrate the ability to navigate through D2L.
   - Demonstrate plotting to various media types.
   - Identify various electronic drawing software applications.

4. **Develop a Course Plan.**

   **Learning Objectives**
   - Identify required courses for degree completion.
   - Understand time management skills.
   - Complete a degree completion report.

**SCC Accessibility Statement**

South Central College strives to make all learning experiences as accessible as possible. If you have a disability and need accommodations for access to this class, contact the Academic Support Center to request and discuss accommodations. North Mankato: Room B-132, (507) 389-7222; Faribault: Room A-116, (507) 332-7222.

Additional information and forms can be found at: [www.southcentral.edu/disability](http://www.southcentral.edu/disability)

This material can be made available in alternative formats by contacting the Academic Support Center at 507-389-7222.