

Course Objectives	Competencies
<p>1. Present an overview of the Building Construction Industry (BCI) and its role in the overall U.S. economy.</p> <p>2. Understand the distinct roles of the Owner, General Contractor (GC), Architect/Designer, and Sub-Contractors in the Building Construction Process (BCP).</p> <p>3. Understand strategies used for Project Time and Cost Management.</p> <p>4. Develop an understanding of the three basic forms of business ownership in the BCI, their licensing requirements, and how students may gain experience and potentially become licensed GC's and business owners.</p>	<p>-Show that the BCI is a "bell weather" of the U.S. economy and Housing Starts are a major economic indicator.</p> <p>-Explain how, of every billion dollars of this now 1.7 trillion dollar industry, approximately 47,000 jobs are created in this and related businesses.</p> <p>-Show how the BCI creates directly or indirectly 9% of the total employment in the U.S.</p> <p>-Develop an understanding of the role and importance of the Owners in the BCP and how the Owner is the instigating party for whose purposes the BCP is designed and built.</p> <p>-Demonstrate how the GC is responsible to bring together ALL of the diverse elements of the BCP into a single, coordinated effort.</p> <p>-Discuss the list of Sub-Contractors that perform some aspect of the GC's work.</p> <p>-Discuss the importance of Time Management and the need to complete work in the contracted time.</p> <p>-Introduce the Critical Path Method and Job Logic.</p> <p>-Discuss how weather impacts the BCP especially here in New England.</p> <p>-Discuss the importance of Progress Monitoring.</p> <p>-Discuss the major role of the Sole Proprietor in the BCI representing over 75% of all BC businesses.</p> <p>-Discuss some of the challenges of Partnerships.</p> <p>-Discuss the protections offered by incorporation.</p> <p>-Discuss licensing requirements in the BCI.</p> <p>-Discuss how students can gain the necessary "on the job" experience necessary for licensure.</p>

5. Students will develop and understanding of the importance of company safety policies and industry liabilities.

- Discuss the physical dangers associated with the BCI.
- Discuss the legal liabilities associated with the BCI.
- Discuss how the BCI works with OSHA standards every day and the importance of compliance and costs of non-compliance.
- Discuss the importance of a Company Safety Program and the role of management in its implementation.
- Discuss the importance of the proper insurance coverage and the Certificate of Insurance.