

ENHANCE YOUR CONSTRUCTION MANAGEMENT CURRICULUM TODAY.

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The AGC Education and Research Foundation has funded the development of a series of construction case studies that can be used by faculty members in college construction education programs and contractors in professional education programs. Engage your students in the critical-thinking, analysis, and decision-making it takes to be prepared for a career in construction.

The following case studies and corresponding instructor notes are available for download on the AGC Book Store website at store.agc.org:

Allied Constructors: Ethics in Construction

This case study exposes students to situations in construction that require ethical decision-making. Several ethical dilemmas are presented together with the responses of parties involved, and students are asked to analyze the situations and propose solutions.

Lean Practices in Project Management

This case study is divided into two parts. Section 1 provides a basic introduction to the principles of lean construction, while Section 2 describes a project in which lean construction processes were implemented. Situations are presented during preconstruction and project execution.

Preconstruction Planning: Leading a Collaborative Team

This case study focuses on preconstruction management process and project team collaboration. The context for the case study is a building renovation. Representatives from the Owner, Architect, and Construction Manager describe their priorities and perspectives regarding the project. The primary teaching objective is the role of collaboration and the factors that contribute to successful collaboration.

Subcontractor Management

This case study is a scenario involving the construction of a major academic building on a university campus. Because of the design of the building envelope, a major subcontractor on the project is the masonry subcontractor. The case study covers subcontractor risk management from prequalification to termination and dispute resolution.