The construction industry is steadily shifting to more environmentally sound materials and methods in all areas of building, including residential, commercial, industrial, and civil construction. The centerpiece of the Sustainable Construction program is the “Field Practice” class in which students work on a “green” construction project together. Students may select a special emphasis in Green Building, Sustainable Design, or Construction Management.

Overview

Degree Options at Hartnell:

Associate of Science Degree in Sustainable Construction

Certificate of Achievement:

- Construction Management
- Green Building
- Sustainable Design

Related Careers

- Construction Manager
- First Line Supervisor of Construction Trade and Extraction Worker
- Sustainable Building Designer
- Green Building Specialist
- Auditor
- Commissioner
- Inspector
- Certification Manager
- Remodeling Contractor
- Construction Project Estimator
- Facilities Manager
- Environmental Planner
- Building Permit Processor

Related Skills

- Production and processing
- Building and construction
- Customer and personal service
- Administration and management
- Public safety and security
- Coordination
- Active listening
- Critical thinking
- Management of personnel resources
- Time management
Construction: Sustainable Design

Overview

This program will provide students with an innovative and progressive foundation in Sustainable Design thinking and approaches, including resource efficiency, full capacity use, renewable energy, product life cycle analysis, closed-loop systems, multi-functionality, biomimicry, and appreciative inquiry. A knowledge of sustainable design principles and practices will support many professional career directions.

Degree Options at Hartnell:

Associate of Science Degree in Construction, Sustainable Design

Related Careers

- Architect
- Design/Build Contractor
- Construction Manager
- Interior Designer
- Community Planning
- Product and Industrial Designer
- Commercial Merchandising
- Sustainability Specialist

Related Skills

- Building and construction
- Administration and management
- Design
- Engineering and technology
- Reading comprehension
- Active listening
- Complex problem solving
- Oral and written communication
- Critical thinking
- Monitoring