

Northwestern School Corporation
Technology Education Curriculum
Course Outline

Construction Systems

Introduction to construction

- The laboratory, tools, and materials
- Laboratory Safety
 - Safety review
 - Safety demonstrations
 - Safety exams
- Types of construction
- Building – Civil
- Designing, producing, using, assessing
- Introduce problem solving

Designing structure

- Designing construction projects
- Preparing working drawings
- Writing specifications

Erecting buildings

- Producing
- Site work
- Building the structure
 - Wall section activity
- Installing systems
- Enclosing and finishing
 - Wall section presentation

Erecting civil structure

- Designing – producing
- Types – roads, dams, bridges, etc...
- Civil structure activity
 - Civil structure presentation

Using constructed structures

- Selecting a structure
- Using and maintaining structures

Final Exam Review