

ST. JOSEPH CATHOLIC SECONDARY SCHOOL
COURSE OUTLINE



Name of Course/Course Code: TCJ 4C

Course Prerequisite: Construction Engineering Technology, Grade 11, College Preparation

Course Description: This course enables students to further develop knowledge and skills related to residential construction and to explore light commercial construction. Students will gain hands-on experience using a variety of materials, processes, tools, and equipment, and will learn more about building design and project planning. They will continue to create and interpret construction drawings and will extend their knowledge of construction terminology and of relevant building codes and regulations, as well as health and safety standards and practices. Students will also focus on environmental and societal issues related to construction engineering technology, and will explore career opportunities in the field.

Catholic Graduate Expectations: 2a, 2b, 2c, 3a, 4b, 4e, 4f, 5c, 5g, 7b, 7i,

Units of Study

Unit 1	Health and safety
Unit 2	Measuring
Unit 3	Hand and Power tools
Unit 4	Green Construction
Unit 5	Residential Construction
Unit 6	Carpentry

Evaluation

70%	30%
Knowledge/Understanding	Culminating Task and Exam
Thinking/Inquiry	
Communication	
Application	

Course Resources Required: Text books, current training CDs, LCD projectors, computers with internet, hand tools, machine tools, access to all equipment in Construction labs.

For a detailed course description of this course, please visit
<https://www.edu.gov.on.ca/eng/curriculum/secondary/subjects.htm>