

SOUTH CARLETON HIGH SCHOOL
Ottawa-Carleton District School Board
 STUDENT OUTLINE
TCJ34CO/SSR34H
 HOUSE CONSTRUCTION
 Grade 12

Credit Value: 4.0

Hours: 440

Prerequisite: none

Course Overview

The house building program is a Specialist High Skills Major program that allows students to deeply explore their interest in the construction industry. Students spend the semester at a construction development site where they will construct a home that will be sold on the market. This 4 credit course will give students experience with residential construction standards and practices, blueprint reading, structural principals, the Ontario building code as well as a number of industry certifications. Students will acquire technical and employable skills using a variety of materials, processes, tools and equipment.

Expectations

Unit Title	Overall Expectations
.CONSTRUCTION TECHNOLOGY FUNDAMENTALS	A1. demonstrate an understanding of natural and manufactured materials, construction processes, and building components A2. demonstrate an understanding of building codes, regulations, and standards that govern residential and light commercial construction projects A4. Apply mathematical skills and scientific concepts in the planning and building of a variety of construction projects.
DESIGN, LAYOUT, AND PLANNING SKILLS	B2. create and interpret drawings of residential and light commercial construction projects B3. determine, use, and communicate accurate technical data for construction projects B4. plan systems for residential and/or light commercial buildings B5. apply the mathematical skills required in designing, laying out, and preparing estimates for residential and light commercial construction projects.
FABRICATION, ASSEMBLY, AND FINISHING SKILLS	C1. demonstrate appropriate technical skills, including the safe use of construction tools, equipment, and materials C2. demonstrate safe and accurate building techniques
PROFESSIONAL PRACTICE AND CAREER OPPORTUNITIES	E1. demonstrate an understanding of and comply with health and safety regulations and practices specific to the construction industry E2. demonstrate an understanding of careers in the construction industry and the education, training, and workplace skills required for these careers

Accommodations for Exceptional Students

The technology department makes every effort to accommodate the identified needs of exceptional (IPRC'd) students and will attempt to differentiate curriculum delivery methods, student modes of expression, and assessment methods as recommended by the student's individual education plan (IEP).

Teaching Strategies

Teacher led instruction and demonstration, collaborative and individual learning, explorations of items of interest, assignments and worksheets.

Resources/Textbooks/Technological Integration

A variety of program specific worksheets. Ontario skills passport.

Course requires several basic tools as well as personal transportation to and from building site.

Evaluation

Term Report	Final Report	
<i>Students will be evaluated on the overall expectations listed above. Evaluations will cover a balance of Responsibility, Organization, Independent Work, Collaboration, Initiative and Self-Regulation.</i>	Term	70%
<i>Term</i> 70%	Summative task(s)	30%
		100%
Key Evaluation Dates:		
Technological Studies summatives will come due within the school's Summative and Evaluation Periods January (semester 1) and June (semester 2).		
Absence from evaluations during these dates must be substantiated with a medical certificate or equivalent documentation as approved by administration.		

Classroom Management

Activity deemed to be unsafe may result in suspension from the program. **Special note** as we are on a functioning construction site we are subject to site rules as enforced by the Ontario Ministry of Labour, also our industry partners have the ability to bar access to their site for individuals of concern.

More information on South Carleton High School's policy on Assessment and Evaluation and on Academic Integrity can be accessed on our school website www.southcarleton.ca