

SOUTH CARLETON HIGH SCHOOL
Ottawa-Carleton District School Board
 STUDENT OUTLINE
THJ3M
 Green Industries
 Grade 11

Credit Value: 1.0

Hours: 110

Prerequisite: none

Course Overview

This course enables students to develop knowledge and skills related to agriculture, forestry, horticulture, and landscaping. Students will study the identification, growth, and management of plants and animals and develop process, design, and management skills required in the green industries. Students will also examine social and economic issues related to the green industries, learn about safe and healthy working practices, study industry standards and codes, and will explore postsecondary education programs and career opportunities.

Specific Expectations

Unit Title	Specific Expectations
Green Industry Fundamentals	A1. demonstrate an understanding of species classification and identification and relationships between species and geographical regions; A2. demonstrate an understanding of the effects of biotic and abiotic factors on growth and product quality; A3. develop and evaluate designs or processes for a variety of applications related to the green industries; A4. use mathematical, documentation, research, and communication skills as they apply to the green industries.
Green Industry Skills	B1. demonstrate an understanding of and apply design and production practices that are commonly used in the green industries; B2. apply management strategies for assessing and controlling biotic and abiotic factors that affect plant and/or animal quality; B3. demonstrate competence in technical skills related to specific applications and tasks within the green industries.
Technology, the Environment and Society	C1. analyse the impact of the green industries on the environment and describe ways of minimizing harmful effects; C2. analyse social and economic relationships and issues involving the green industries.
Professional Practice and Careers	D1. demonstrate an understanding of and apply safe working practices as they relate to the green industries; D2. demonstrate an understanding of the business and regulatory environment of the green industries; D3. identify careers in the green industries, and describe the skills, education, and training required for entry into these occupations.

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

Units are activity based. Teacher demonstrates and research activities provide the students with the necessary terminology and methodology to complete the activities. Classroom discussions, collaborative and cooperative learning, research, report writing and taking notes will assist students in meeting the course expectations. Upon completion of this course, students will demonstrate the ability to apply skills and knowledge to practical situations that involve the completion of work assignments and problem-solving activities. Students will be expected to use the Internet to find resources for their projects.

Resources/Textbooks/Technological Integration

A series of in-house workbooks

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%
	Summative task(s)	30%
		100%
<i>Term</i>		70%

Key Evaluation Dates:

Technological Studies summatives will come due within the school's Summative and Evaluation Period between January 6th and 31st and June 8th to June 26th

Absence from evaluations during these dates must be substantiated with a medical certificate or equivalent documentation as approved by administration.

Classroom Management

Due to the nature of the technology classroom, no food or beverages, jackets or bags can be allowed. Adherence to school Internet use policy will be strictly enforced. Noncompliance will result in the removal of computer privileges for the students for an indeterminate period of time.

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