

**SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY
SAULT STE. MARIE, ON**



COURSE OUTLINE

COURSE TITLE: Horticulture

CODE NO.: FOR244 **SEMESTER:** 4

PROGRAM: PARKS & OUTDOOR RECREATION TECHNICIAN

AUTHOR: MARK HARVEY

DATE: JAN 1999 **PREVIOUS OUTLINE DATED:** JUN 97

APPROVED:

J. Kaults
DEAN

Dec 9, 1998
DATE

TOTAL CREDITS: 3

PREREQUISITE(S): None

LENGTH OF COURSE: 3 hrs/wk X 16 weeks

TOTAL CREDIT HOURS: 48

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*For additional information, please contact Joe Fruchter, Dean,
Business & Hospitality, Centre of Specialization for Natural Resources,
(705) 759-2554, Ext. 688*

HORTICULTURE
COURSE NAME

FOR244-3
COURSE CODE

I. COURSE DESCRIPTION:

An introductory course into the production, identification, selection of landscaping plant materials and the development of landscape plans. Students will upon completion of the course should be able to draft a simple landscape plan for an outdoor urban park and understand basic landscape maintenance

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

a) **LEARNING OUTCOMES**

Upon successful completion of this course the student will:

1. Be able to identify and select landscaping plant material for a designate purpose and need.
2. Be able to select landscaping construction materials, soils and mulches for a designated purpose and need.
3. Draft a small landscaping plan for an urban park setting.
4. Write landscaping maintenance plan for a small urban park
5. List good cultural practices for selected landscape plants.
6. Successfully grow greenhouse bedding plants for landscaping

b) **LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE -UPON SUCCESSFUL COMPLETION OF THIS COURSE THE STUDENT WILL DEMONSTRATE THE ABILITY TO :**

1. In a greenhouse grow landscape bedding plants -

Potential elements of the performance:

- select and purchase bedding plant seed
- select and purchase bedding plant production materials such as soil and containers successfully grow up to 200 landscape bedding plants up to a plantable size in a greenhouse.
- list the cultural requirements of selected bedding plants
- understand the operation of a greenhouse used for bedding plant production

This learning outcome constitutes 20% of the course's grade

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2. Identify and describe the characteristics of landscaping woody plant species and cultivars and construction materials -

Potential Elements of the Performance:

- identify 50 trees and shrubs used in landscape design
- state plant hardiness zones for selected landscaping trees and shrubs
- describe the landscaping characteristics of woody landscaping plants
- identify and describe up to 10 landscaping construction materials

This learning outcome constitutes 45% of the course's grade.

3. Identify the characteristics and cultural requirements of commonly used turf grasses -

Potential elements of the performance:

- list the characteristics of up to 8 common turf grasses
- list the cultural requirements of turf grasses
- describe the installation procedures for installing turf
- list up to 10 common turf grass weed species and list options for weed control
- list up to 5 common turf grass insect species and list options for control

This learning outcome constitutes 10% of the course's grade.

4. Design and draw a landscape plan for a small urban park –

Potential elements of the performance:

- select appropriate landscaping woody plant materials
- select appropriate landscaping herbaceous plant materials
- select appropriate landscaping materials
- integrate selected landscaping materials into a landscaping plan for a small urban park
- design and draw at a scale of 200/1 a landscaping plan for a small urban park

This learning outcome constitutes 25% of the course's grade.

III. TOPICS:

1. Landscape Plans and Design
2. Landscape Plant materials, Identification and Characteristics
3. Landscape Construction Materials
4. Cultural Requirements of Landscape Plants

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IV. REQUIRED STUDENT RESOURCES:

- Professional Landscape Management by d. Hensley
- Drafting supplies

V. EVALUATION PROCESS/GRADING SYSTEM:

Greenhouse bedding plant crop	15%
Test # 1 bedding plants	5%
Test # 2 woody plants	35%
Test # 3 turf grass and construction materials	20%
Landscape plan	25%

The following semester grades will be assigned to students in post secondary courses:

<u>Grade</u>	<u>Definition</u>	<u>Grade Point Equivalent</u>
A+	90 – 100%	4.00
A	80 – 89%	3.75
B	70 – 79%	3.00
C	60 – 69%	2.00
R (Repeat)	59% or below	0.00
CR (Credit)	Credit for diploma requirements has been awarded.	
S	Satisfactory achievement in field placement or non-graded subject areas.	
X	A temporary grade – limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course (see Policies & Procedures Manual - Deferred Grades and Make-up).	
NR	Grade not reported to Registrar's office. This is used to facilitate transcript preparation when, for extenuating circumstances, it has been impossible for the faculty member to report grades.	

EXCEPT FOR MEDICAL OR COMPASSIONATE REASONS LATE ASSIGNMENTS WILL NOT BE ACCEPTED

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VI. SPECIAL NOTES:

- **Special Needs**
If you are a student with special needs (eg. physical limitations, visual impairments, hearing impairments, learning disabilities), you are encouraged to discuss required accommodations with the instructor and/or contact the Special Needs Office, Room E1204, Ext. 493, 717, 491 so that support services can be arranged for you.
- **Retention of Course Outlines**
It is the responsibility of the student to retain all course outlines for possible future use in acquiring advanced standing at other post-secondary institutions.
- **Disclaimer for Meeting the Needs of the Learners**
- **Substitute Course Information is available at the Registrar's Office.**
- **Any Other Special Notes appropriate to your course.**

VII. PRIOR LEARNING ASSESSMENT

Students who wish to apply for advanced credit in the course should consult the instructor. Credit for prior learning will be given upon successful completion of the following: