



DEPARTMENT OF WELDING, CTO, INSTRUMENTATION, AND BEEKEEPING

COURSE OUTLINE – WINTER 2013

BK122 INTRODUCTORY BOTANY – 1(1.5-0-1) 22.5 HOURS

INSTRUCTOR: Eric Stromgren

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OFFICE HOURS: As posted

PREREQUISITE(S)/COREQUISITE:

Admission to the beekeeping program

REQUIRED TEXT/RESOURCE MATERIALS:

James Mauseth. *Plants and People*. Jones and Bartlett Learning

CALENDAR DESCRIPTION:

This course is an introduction to the structures and functions of flowering plants, physiology of nectar and pollen, and crops that can be used in honey production.

CREDIT/CONTACT HOURS:

This course consists of 1.5 lecture hours and 1 lab hour per week for 9 weeks; total 2.5 hours.

DELIVERY MODES:

Course work includes lectures, discussions, assigned readings, lab exercises, a quiz, and a final exam.

OBJECTIVES:

Course focus is basic botany and background knowledge relevant to beekeepers, honey production and pollination.

Specific objectives:

1. To understand the basic structure and function of the flowering plant.
2. To understand the basic morphology and physiology of nectar and pollen production.
3. To understand crop production and the crops that can be used in honey production.

GRADING CRITERIA:

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A⁺	4.0	90 – 100	EXCELLENT
A	4.0	85 – 89	
A⁻	3.7	80 – 84	FIRST CLASS STANDING
B⁺	3.3	77 – 79	
B	3.0	73 – 76	GOOD
B⁻	2.7	70 – 72	
C⁺	2.3	67 – 69	SATISFACTORY
C	2.0	63 – 66	
C⁻	1.7	60 – 62	
D⁺	1.3	55 – 59	MINIMAL PASS
D	1.0	50 – 54	
F	0.0	0 – 49	FAIL
WF	0.0	0	FAIL, withdrawal after the deadline

EVALUATIONS:

Assignments/Quizzes	10%
Laboratory Exercises (2 @ 10 % each)	20%
Midterm	30%
Final Exam	40%

STUDENT RESPONSIBILITIES:

Students are expected to be on-time and present to complete this course. Requests to reschedule assignments or assessments will only be granted under extraordinary circumstances.

Students must follow all safety guidelines and procedures.

Assignments must be submitted on time in order to be eligible for grading. Late submission due to illness must be documented with a doctor's note.

STATEMENT ON PLAGIARISM AND CHEATING:

Refer to the Student Conduct section of the College Admission Guide at <http://www.gprc.ab.ca/programs/calendar/> or the College Policy on Student Misconduct: Plagiarism and Cheating at www.gprc.ab.ca/about/administration/policies/**

**Note: all Academic and Administrative policies are available on the same page.

COURSE SCHEDULE/TENTATIVE TIMELINE:

- Midterm exam in week 4
- Laboratory assignment 1 due in week 5
- Laboratory assignment 2 due in week 9
- Final exam following course completion (week 10)