



DEPARTMENT OF WELDING, INSTRUMENTATION, AND BEEKEEPING

COURSE OUTLINE – FALL 2012

BK365: BEES AND THE ENVIRONMENT – 1(2-0-0) 14 HOURS

INSTRUCTOR: Eric Stromgren

PHONE: 780.835.6610

OFFICE: PS104A

E-MAIL: estromgren@gprc.ab.ca

OFFICE HOURS: As posted

PREREQUISITE(S)/COREQUISITE:

BK200

REQUIRED TEXT/RESOURCE MATERIALS:

TBA

CALENDAR DESCRIPTION:

This course provides a larger context for the practice of beekeeping. Topics include an overview of the industry in Canada, North America and globally, the evolution of beekeeping, the role of bees in the human food link, global issues and trends in beekeeping and the role of beekeepers in advocacy for bees and the environment.

CREDIT/CONTACT HOURS:

Course consists of 2 lecture hours per week for 7 weeks; total of 14 hours.

DELIVERY MODES:

Course includes lectures, presentations, discussions, readings, quizzes and a final report.

OBJECTIVES:

1. Understand the history of human use of bees, honey and the evolution of beekeeping
2. Understand the role of bees in the environment and crops/food production
3. Awareness of global issues and trends for bees and the environment

4. Develop the ability to advocate for bees and promote the benefits of beekeeping

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:

Quizzes	30%
Assignments	40%
Final Exam	30%

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.

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:

Schedule of topics to be announced in class

1. Bees & the Environment
 - Diversity of native bees
 - Environmental role and impact bees
 - Environmental and human threats to bees
 - Bees and human food link
2. Advocacy for bees & beekeeping
 - Benefits of bees and beekeeping
 - Hobby vs commercial beekeeping
 - Making a win-win case for bees to farmers and landowners to locate hives
3. Urban beekeeping movement
 - Holistic beekeeping
 - Organic beekeeping
 - Whole food/natural food movement
4. Climate change and beekeeping