Title: Best Farm Practices I

Abbreviation and Number: AGRL110  
AB Paper No.: 14-82

School: Chemistry, Environmental and Life Sciences

Department: Biology

Credits: 4  
Course Sequence: ( ) Fall  
( ) Spring  
( X ) Fall and Spring

Hours Per Week:  
( 8 ) Practical

Pre-requisite(s): First-year standing

Co-requisite(s): AGRI150 and AGRI151

**COURSE DESCRIPTION**

This is the first of four farm practice courses. Students gain experience and practical skills in the areas of Agriculture, including crop and livestock production, grading and packaging operations.

**SPECIFIC OBJECTIVES**

Upon successful completion of this course, students will be able to

1. Operate farm machinery;
2. Demonstrate soil preparation techniques;
3. Utilise techniques involved in the production of crops and livestock; and
4. Discuss procedures involved in post-harvest management.

**COURSE CONTENT**

I. Crop Production
   A. Land preparation
      Mechanisation
   B. Cultivation of crops
      Irrigation systems
   C. Harvesting
   D. Post-Harvest
      i. Grading
      ii. Packaging
      iii. Marketing

II. Livestock
   A. Breed selection
      i. Pure
      ii. Cross
   B. Animal nutrition
   C. Slaughter
      i. Meat handling and carving
      ii. Storage

III. Protected Agriculture
   A. Systems
      i. Greenhouses
      ii. Shade houses
B. Construction
   Installation of irrigation
C. Crop production

IV. Crop Protection
A. Pesticides
   i. Mixing
   ii. Methods of application
      Calibration of pressure in machine
B. Identification of pests
C. Identification of disease

ASSESSMENT
Attendance........................................ 10%
Assignments.................................... 40%
Projects.......................................... 25%
Practical Examinations ...................... 25%
Total..............................................100%

REQUIRED TEXT
Not applicable