

AGRICULTURAL EDUCATION

Students wishing to be in this program must apply to the Department Head of Agricultural Education. The program is designed to meet the needs of students at the general, college, or honors levels.

AGRICULTURAL EDUCATION COURSES

AGRICULTURAL EDUCATION I (0210)

Full Year Credit 1.00 Weight 1.04

Prerequisites: This course is open to Grade 9 Agricultural Education students who have applied and been accepted to the program.

Description: Agricultural Education I is divided into two areas of study. Nine weeks are devoted to orientation. This includes the FFA Organization and Agriculture Facts. The remainder of the year is divided among animal science, plant science, natural resources, the basics of agricultural mechanics, and an introduction to the student's SAEP.

AGRICULTURAL EDUCATION II (0220)**

Full Year Credit 1.50 Weight 1.04

Prerequisites: This course is open to Grade 10 Agricultural Education students. Prior successful completion of Agricultural Education I is required.

Description: Agricultural Education II is divided into four to five-week modules one of which (Leadership II – Public Speaking) is required. Students select modules of instruction based on their Agricultural interest and their SAEP. Examples of elective modules include: greenhouse operation, landscaping, public speaking, animal nutrition, equine, agricultural equipment, livestock management, small animals, plant identification, vegetable production, bedding plants, welding, small gas engines, aquaculture, and forestry/nature study.

** Note: Up to one additional credit is earned in each of the sophomore, junior, and seniors years for the student's SAEP (Supervised Agricultural Experience Program). Each student in the Agricultural Education program is required to maintain an acceptable SAEP outside of school time.

AGRICULTURAL EDUCATION III (0230)**

Full Year

Credit 1.50

Weight 1.04

Prerequisites: This course is open to Grade 11 Agricultural Education students. Prior successful completion of Agricultural Education II is required.

Description: Agricultural Education III is divided into four-week time modules, one of which (Leadership III) is required. Students then select seven elective modules which are in accord with their main Agricultural interest and their SAEP. Included are: greenhouse operation, floral design, food science, equine, ecology, small animals, agricultural marketing, welding, livestock management, dairy management, breeding and genetics, and vet office procedures.

** Note: Up to one additional credit is earned in each of the sophomore, junior, and seniors years for the student's SAEP (Supervised Agricultural Experience Program). Each student in the Agricultural Education program is required to maintain an acceptable SAEP outside of school time.

AGRICULTURAL EDUCATION IV (0240)**

Full Year

Credit 1.50

Weight 1.04

Prerequisites: This course is open to Grade 12 Agricultural Education students. Prior successful completion of Agricultural Education III is required.

Description: Agricultural Education IV is divided into four-week time modules, one of which (Leadership IV) is required. Students then select seven elective modules in keeping with their main Agricultural interest and their SAEP. The elective modules include: agricultural equipment repair, welding, biotechnology, special projects, agricultural structures, food science, large engines, equine, holiday decorations, landscape, floral design, floriculture, agricultural communications, FFA award applications, and aquaculture.

** Note: Up to one additional credit is earned in each of the sophomore, junior, and seniors years for the student's SAEP (Supervised Agricultural Experience Program). Each student in the Agricultural Education program is required to maintain an acceptable SAEP outside of school time.

LANDSCAPE TECHNOLOGY (0251)

One Semester

Credit 0.50

Weight 1.02

Prerequisites: This course is open to students in Grades 11 and 12. It is also open to Grades 9 and 10, depending on class size. Students do not have to be in the Agricultural Education program to enroll.

Description: This course will introduce students to basic study of the theory and principles of landscape design. Designs are applied to selected problems, both hypothetical and actual, in landscape development. Preliminary sketches and final drawings are prepared in plane, elevation and perspective form. Students will receive a basic understanding of horticulture and how to identify and select common trees, shrubs, ground covers and vines used in landscape design. Practical work on landscaping is done on school grounds during the spring.

FLORAL DESIGN (0250)

or

FLORAL DESIGN – ECE (0250E) – TENTATIVE (pending approval by the Vernon Board of Education and the University of Connecticut Early College Experience program)

University of Connecticut Early College Experience credit*

One Semester

Credit 0.50

Weight 1.02

Prerequisites: This course is open to students in Grades 11 and 12. It is also open to Grade 10, depending on class size. Students do not have to be in the Agricultural Education program to enroll.

Description: This course introduces the basic principles of floral design, including corsage work, the art of flower arranging for the home floral shop and for other uses such as holidays and other special occasions. Students will learn the basic techniques in creating fresh and permanent floral designs through actual lab experience. The course will also introduce the retail florist business to include development, management, operation and sidelines of the florist industry.

*The ECE Floral Design course is comparable to the HORT 2520 (Floral Art) course offered at the University of Connecticut. Students who successfully meet the expectations of the Early College Experience requirement will earn 2 college credits from the University of Connecticut. There is a \$50 non-refundable registration fee for students who elect this ECE course.