

# AGRICULTURE

## CAREER PATHWAY COURSEWORK\*

### **AGR 212 Greenhouse Horticulture (3 Credits, Spring)**

This course deals with all areas of greenhouse operations. Specific areas include herbaceous plant identification, growing structures, layout, environment, plant growth, development, nutrition, and care of plants.

### **AGR 112 Woody Ornamental Identification (4 Credits, Fall)**

This course will expose students to the identification of commonly used woody landscape plants and allow students to learn the uses and growth requirements of these plants in landscape settings. Labs will be devoted primarily to the identification of the plants.

### **AGR 145 Land Care Equipment Maintenance (4 Credits, Fall)**

This course is a basic introduction to equipment maintenance, light mechanical work, engine repair, hydraulics, troubleshooting, electrical system, oil systems, drive systems, fuel systems, lubrication and maintenance scheduling. Laboratory instruction will provide students an opportunity safely operate common landscaping equipment.

### **AGR 215 Landscaping Construction and Maintenance (4 Credits, Spring)**

This is an applied course of the basics of woody ornamental plan installation into the landscape, including timing, methods used an aftercare. Also included is basic plan reading, calculation, cut and fill, cost/time estimating and the use of hardscape materials.

## ADDITONAL COLLEGE COURSEWORK

### **TEC 285 Occupational Seminar (1 Credit)**

Instruction for this course includes career identification, self-assessment, resume development, preparation of cover letters, completion of applications for local jobs, learning the online employment application process, research of local companies, jobs available, and current salary ranges, job searching techniques and tools, interviewing skills, follow-up steps after the job interview, and on-the-job performance expectations. Special seminars and projects will be required.

### **CIS 290 Cooperative Education/Internship (1-3 Credits)**

This course provides supervised work experience in the major field, which provides the opportunity to make practical application of the knowledge and skills attained. An individualized instructional management plan will determine goals to be accomplished. Seminars may also be required.

### **CAC 120 Keys to College Success (3 Credits)**

This course is designed to help students create greater success in college and in life. Students will learn strategies to set and achieve their academic, professional, and personal goals. With a focus on the empowerment of wise choices, students will explore possible barriers to success and experience greater self-awareness, self-management, creative and critical thinking skills, emotional intelligence and lifelong learning skills.

\* **This plan is subject to change.**