

Agriculture & Horticulture

AG 110 INTRODUCTION TO AG BUSINESS

This course is an introduction to the fundamental principles of agriculture business. Topics included are introduction to agricultural economics, marketing, sales, and management. This course is designed to introduce essential basics to further the interest of the student to explore the subject matter on more in-depth levels. (3 credit, 3 lecture, 0 lab)

AG 111 AGRICULTURAL OCCUPATIONS

The student is introduced to the broad field of agricultural business and its many employment opportunities. Job titles are described on the basis of duties performed, knowledge, and abilities needed. Included is a completion of a resume for the student's future use. (1 credit, 1 lecture, 0 lab)

AG 113 INTRO TO AG PRODUCTION

This course is an introduction to the fundamental principles of agronomy. Topics will evolve around essential basics of crops and soil sciences as they apply to production agriculture. This course is designed with the intent to build a working knowledge of agronomic principles in order to prepare for more in-depth subject matter. (3 credit, 3 lecture, 0 lab)

AG 121 INTRODUCTORY ANIMAL SCIENCE

The application of the sciences of genetics, physiology, and nutrition to the improvement of the animal industries and an introduction to management and production practices. Includes animal breeds, breeding and selection; anatomy, physiology, nutrition, growth; environment, health and sanitation; products and marketing; production technology and economics; animal behavior; and current issues in animal science. (IAI AG 902) (4 credit, 3 lecture, 2 lab)

AG 122 AGRICULTURE ECONOMICS

This course provides an introduction to the principles of economics including production principles; production costs, supply and revenue; profit maximization; consumption and demand; price elasticity; market price determination; and competitive versus noncompetitive market models. These principles are applied to agriculture in the United States and world economies. Other topics include a survey of the world food situation; natural, human and capital resources; commodity product marketing; and agricultural problems and policies. (3 credit, 3 lecture, 0 lab)

AG 221 INTRODUCTORY CROP SCIENCE

The basic principles of plant growth, including human and environmental influences and theoretical and practical application of agronomic principles to crop production. Includes the historical and economic importance of crop plants for food, feed, and fiber; origin, classification, and geographical distribution of field crops; environmental factors and agronomic problems; crop plant breeding, growth, development, and physiology; cropping systems and practices; seedbed preparation, tillage, and crop establishment; pests and controls; and harvesting, storing, and marketing practices. (IAI AG 903) (4 credit, 3 lecture, 2 lab)

AG 222 INTRODUCTION TO SOILS

An introduction to the chemical, physical and biological properties of soils; the origin, classification, and distribution of soils and their influence on people and food production; the management and conservation of soils; and the environment impact of soil use. (IAI AG 904) (4 credit, 3 lecture, 2 lab) HORT 121 INTRODUCTION TO HORTICULTURE An introduction to the principles and practices involved in the development, production and use of horticultural crops (fruit, vegetables, greenhouse, turf, nursery, floral and landscape). (IAI AG 905) (3 credit, 3 lecture, 0 lab)

HORT 121 INTRODUCTION TO HORTICULTURE

An introduction to the principles and practices involved in the development, production and use of horticultural crops (fruit, vegetables, greenhouse, turf, nursery, floral and landscape). (IAI AG 905) (3 credit, 3 lecture, 0 lab)