

HORTICULTURE TECHNOLOGY AAS-RETAIL FLORISTRY OPTION COURSE DESCRIPTIONS

BIOL 1404 PLANT BIOLOGY (L, N)

Survey of the plant phyla, structure and function of plant organs, water relations, translocation, reproduction, growth and development. Emphasis on the importance of plants to humans. Lab: two hours per week. Prerequisites: [R] [Sci] MATH 0104

BUS 2003 SMALL BUSINESS MANAGEMENT

Focuses on the experiences and problems faced by those who go into business for themselves. Looks at problems of organizing and managing individually owned businesses including location, securing capital, records, personnel and sales promotion. Prerequisite: MGMT 2103.

***CIS 1113 COMPUTER CONCEPTS WITH APPLICATIONS**

Provides students with an introduction to concepts and applications of the personal computer in business. Topics include spreadsheets, databases, word processing, ethics, vocabulary, Internet skills and file system management. Theory and hands-on computer instruction is included. This course is designed for students with existing computer skills. Prerequisite: READ 0033 or [R].

***CIS 1503 MICROCOMPUTER APPLICATIONS-MS OFFICE**

Familiarizes the student with fundamental terminology and concepts of microcomputers, their operating systems and disk management, as well as major production applications including word processing, spreadsheets, data base management systems, and may include graphics, data communications and desktop publishing. Familiarity with computer keyboard is recommended. Hands on computer instruction.

HRT 1013 PRINCIPLES OF HORTICULTURE

Horticulture fundamentals course covering the characteristics of and uses for horticultural plants, plant growth principles and plant care practices, the scope of the horticulture industry, basics in plant propagation, landscape plant maintenance, fruit and vegetable gardening and pest control. Lab: three hours per week.

HRT 1153 BEGINNING FLORAL DESIGN

Fundamentals of floral arrangement and design with hands-on experience to learn the basic skills necessary for designing and arranging fresh flowers and dried materials for use in the home or in a retail shop. Skills useful to flower shop employment are emphasized. Additional \$100 lab fee. Lab: three hours per week.

HRT 2050 (2051-2056) ADVANCED PROBLEMS-HORTICULTURE

One to six credits, six credits maximum. A study of applied problems that are of particular interest to horticulture majors. Prerequisite: consent of department head.

HRT 2153 ADVANCED FLORAL DESIGN

Advanced floral designing and arranging of fresh flowers, dried material and silk flowers. Wedding arrangements, funeral pieces, holiday, commercial accounts and arrangements for special occasions will be emphasized. Retail selling, merchandising and pricing of floral products in a retail shop will be taught. Advanced skill development will be encouraged. Additional \$100 lab fee. Lab: three hours per week. Prerequisite: HRT 1153. (sp)

HRT 2163 PLANT PROPAGATION

Principles and practices used in the sexual and asexual propagation of horticultural plants including seeds, division, layering, cuttings, grafting, budding and tissue culture techniques. Lab: three hours per week. Prerequisite: HRT 1013. (sp)

HRT 2213 HORTICULTURE MARKETING

An in-depth study of marketing principles and how marketing applies to the horticulture industry. Includes location, facilities, sales methods and price determination. Services, merchandising, marketing and advertising techniques, as well as supervisory and personnel responsibilities are also offered. (f)

HRT 2232 SEMINAR IN HORTICULTURE OCCUPATIONS

To acquaint the student with the variety of job opportunities and placement in the horticulture industry. Skills used in resume writing, public speaking and project presentations will be covered. Development of skills necessary at the supervisory level including leadership, motivation of employees, communication, and recruiting and retaining good employees will be discussed. Guest speakers will address topics within the horticulture industry. Prerequisite: consent of department head.

HRT 2244 HORTICULTURE PRACTICUM

Occupational aspects of ornamental horticulture are covered. An internship in ornamental horticulture in areas such as park maintenance, landscape construction, landscape maintenance, wholesale or retail sales, horticultural therapy or turf management will be established either in the industry or at the Horticulture Center. The lecture will involve problem-solving techniques for the area of specialization. Refinement of skills as well as speed and accuracy will be emphasized. Lab: six hours per week. Prerequisite: Consent of department head.

HRT 2253 SPECIAL OCCASION FLORAL DESIGN

Basic principles of floral design as applied to special occasions design work. Emphasis is placed on preparation, pricing and design for weddings, funerals, parties, receptions and other special occasions. Additional \$100 lab fee. Lab: three hours per week. Prerequisite: HRT 1153. (f)

HRT 2343 CONTROLLED ENVIRONMENTS HORTICULTURE-FALL

This is a study of the operation and management of greenhouses and related environments. Emphasis is on infrastructure, cultural systems, production, and marketing of commercial floricultural, vegetable, and herb crops as practiced in the fall such as fall bedding plants and poinsettia. Lab and field trips are included. Prerequisite: HRT 1013. (if)

***HRT 2443 CONTROLLED ENVIRONMENTS HORTICULTURE-SPRING**

This is a study of the operation and management of greenhouses and related environments. Emphasis is on infrastructure, cultural systems, production, and marketing of commercial floricultural, vegetable, and herb crops as practiced in the spring such as spring bedding plants and easter lily. Lab and field trips are included.
Prerequisite: HRT 013. (sp)

HRT 2453 HERBACEOUS ORNAMENTAL PLANTS

This plant identification course introduces ornamental annual and herbaceous flowering perennials for garden, landscape and patio spaces. The study includes flowering bulbs, roses, ornamental grasses and herbs. Culture, care and design issues are considered. Lab and field trips are included. Prerequisite: HRT 1013 or consent of department head. (sp,su)

HRT 2463 INTERIOR PLANTS

This plant identification course introduces tropical foliage and flowering plants for interior spaces. Cultural requirements, practical maintenance and design issues are considered, along with an introduction to the interiorscape industry. Lab and field trips are included. Prerequisite: HRT 1013 or approval of department head. (f)

***ITD 1323 INTERNET FUNDAMENTALS**

Introduction to the worldwide computer network. Course uses a hands-on approach to teach students the history and capabilities of the Internet. Students learn the resources available via the World Wide Web and searching capabilities. Prerequisites: placement test or CIS 1003.