

CIS 70K

INTRODUCTION TO WIRELESS NETWORK 3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: CIS 70A or equivalent with a grade of "C" or higher or "Pass."

This is an introductory course on the fundamental concepts of wireless networking. It covers the technical foundation of wireless communications and various protocols used in the current wireless applications. Topics include Wireless Application Protocol (WAP), Bluetooth, cellular telephony, Wireless Local Area Networks (WLANs), satellite communications, Global Positioning System (GPS).

MTT 72

MASTERCAM MULTI-AXIS TURNING 2.0 UNITS

Class hours: 2.0 Lecture

Prerequisite: MTT 51 or MTT 59 or equivalent with a grade of "C" or higher or "Pass."

This course advances the student's skill in the programming of milling and drilling on multi-axis turning machines using MasterCAM. Students will also learn to import solids, and program axial and radial tool paths. Basic collision control strategies and rotary indexing are fully incorporated into this class.

SLP 125

CHILD DISORDERS AND TREATMENT 5.0 UNITS

Class hours: 4.0 Lecture/3.0 Laboratory

Prerequisite: SLP 101 with a grade of "C" or higher or "Pass" or equivalent.

This course focuses on screening procedures and treatment interventions used for speech, language, and hearing disorders in children in educational and healthcare settings. Practice will be provided in interpreting therapeutic objectives, designing an effective therapy lesson plan, and execution of that plan in a simulated clinical environment. The student will learn to use observational checklists, administer screening assessment tests, and complete related therapeutic protocol forms.

Transfer Credit: CSU

WMT 291

PRODUCTION CABINETMAKING 4.0 UNITS

Class hours: 2.5 Lecture/5.5 Laboratory

Prerequisite: WMT 151 and one of the following: WMT 102, WMT 103, WMT 153, WMT 155, WMT 181, or WMT 250 or equivalent with a grade of "C" or higher or "Pass" or appropriate work experience.

This course enables students to work as a team in the design, manufacturing, and installation of wall-mounted cabinets and fixtures for on-campus use. This course includes instruction in cabinet design, production techniques, materials science, cost estimating, time management, and scheduling. This course specializes in the fabrication and installation of cabinetry and fixtures in the category of institutional or commercial production.

WMT 292

PRODUCTION-SPECIAL PROJECTS 4.0 UNITS

Class hours: 2.5 Lecture/5.5 Laboratory

Prerequisite: WMT 151 and one of the following: WMT 102, WMT 103, WMT 153, WMT 155, WMT 181, or WMT 250 or equivalent with a grade of "C" or higher or "Pass" or appropriate work experience.

This course enables students to work as a team in the design, manufacturing, and installation of a project or projects for on-campus use, other than wall-mounted cabinets. This course includes instruction in design, production techniques, materials science, cost estimating, time management, and scheduling. This course specializes in the fabrication and installation of furniture items, freestanding cabinets, or other items.

WMT 205

VENEERING AND MARQUETRY 4.0 UNITS

Class hours: 2.5 Lecture/5.5 Laboratory

Prerequisite: WMT 102 and WMT 103 or equivalent with a grade of "C" or higher or "Pass".

This course introduces the student to the methods, materials, tools, and machinery used to create decorative veneer panels, parquetry, marquetry, and inlay. Topics include veneer selection, pattern matching and layout, substrate selection, and clamping methods used to lay-up veneer on various types and shapes of substrates.

WMT 245

CURVED AND TAPERED FORMS FOR FURNITURE| 4.0 UNITS

Class hours: 2.5 Lecture/5.5 Laboratory

Prerequisite: WMT 102 and WMT 103 or equivalent with a grade of "C" or higher or "Pass."

This course introduces the student to a variety of advanced techniques for creating curved and tapered forms appropriate for furniture construction.

AED 42.25

SUPERVISED OCCUPATIONAL SKILL DEVELOPMENT 0.0 UNIT

Class hours: 6.0 Laboratory

Corequisite: Enrollment in a Career Technical Education (CTE) course.

This course is designed to facilitate learning in Career and Technical Education (CTE) principles through mediated instruction. The goal of this course is to build a broad range of knowledge in basic job competencies and develop personal abilities in regard to specific CTE programs. This course is offered as an open entry/open exit course.

AUTO 105

HYDRAULICS AND PNEUMATICS 2.0 UNITS

Class hours: 1.5 Lecture/1.5 Laboratory

This course will introduce the student to the fundamentals and principles of hydraulics and pneumatics as they relate to automotive, transportation, heavy duty equipment, and system modification. Applications of each will

be explored, as well as the design and operation of simple circuits and systems in the laboratory.

WS 105

GENDER STUDIES AND THE CHICANA/LATINA EXPERIENCE 3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: Completion of ENGL 52, ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher, or "Pass," or completion of the English Placement Process with eligibility for ENGL 100.

Recommendation: Completion of READ 54 or READ 97 with a grade of "C" or higher, or "Pass," or completion of the Reading Placement Process with a score of "Reading Exempt."

Gender Studies and the Chicana/Latina Experience is a multidisciplinary course that uses a feminist perspective to examine the Chicana/Latina experience in the US, Caribbean, and Latin America. It examines the essential components of gender and Chicana/Latina studies as an academic discipline; delineates theories of feminism and history of women's movements; evaluates the social construction and politics of the lives of Chicanas/Latinas; analyzes the intersection of gender with race, ethnicity, national origin, immigration status, social class, and sexuality; and identifies the issues of the Chicana/Latina experience in a global context.