

HIST 197 History Topics (1.5 - 4)

Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture and/or laboratory may be scheduled by the department. Refer to Class Schedule.

Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus.

Topics in History. See Class Schedule for specific topic offered. Course title will designate subject covered.

HIST 295 Directed Study in History (1, 2, 3)

3, 6, 9 hours laboratory

Prerequisite: Approval of project or research by department chairperson

Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus.

Independent study for students who have demonstrated a proficiency in history subjects and have the initiative to work independently on projects or research that does not fit into the context of regularly scheduled classes. Students will work under the personal supervision of an instructor.

Home Economics

See Family and Consumer Sciences, Fashion, Interior Design, Nutrition and Child Development

Humanities (HUM)

Contact the English Department for further information.

(760) 744-1150, ext. 2392

Office: H-302B

COURSE OFFERINGS**HUM 100 Introduction to Humanities I (3)**

3 hours lecture

Transfer acceptability: CSU; UC

Examines significant movements and developments in literature and other arts in Western culture from classical times to the late Middle Ages. Emphasis is on ideas and their realization in works of art.

HUM 101 Introduction to Humanities II (3)

3 hours lecture

Transfer acceptability: CSU; UC

A general survey of the fine arts in the Western world. Arranged chronologically rather than thematically, the course material includes consideration of the major achievements of Western culture from the Renaissance until the present.

HUM 197 Humanities Topics (1-4)

Units awarded in topics courses are dependent upon the number of lecture hours required of the student. Refer to Class Schedule.

Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus.

Topics in Humanities. See class schedule for specific topic covered. Course title will designate subject covered.

Industrial Technology (IT)

See Cabinet and Furniture Technology and Drafting Technology for additional courses

Contact the Trade and Industry Department for further information.

(760) 744-1150, ext. 2545

Office: T-102A

Foundations in Technical Careers**CERTIFICATE OF PROFICIENCY**

The Certificate of Proficiency will provide students with foundational math, reading, writing, and computer skills needed to succeed in a technical occupation. This interdisciplinary program will incorporate curriculum from disciplines such as math, industrial technology, engineering, business, and computers science. Completers of this program can potentially secure entry level positions in a technical field while concurrently completing their associate's degree.

Program Requirements

ENGR 100	Introduction to Engineering	1
MATH 115	Trigonometry	3
CSIT 148	C Programming using Robots	3
BUS 175	Excel Basic	1
and		
BUS 176	Excel Intermediate	1
IT 175	Industrial Technology Capstone Project	1
DT 101 /		
ENGR 101	AutoCAD Introduction to Computer Aided Drafting	3
or		
DT 103 /		
ENGR 103	SolidWorks Introduction to 3D Design and Presentation	3
IT 197	Industrial Technology Topics	3

TOTAL UNITS 16

COURSE OFFERINGS**IT 108 Technical Mathematics (3)**

3 hours lecture

Note: Cross listed as WELD 108

Transfer acceptability: CSU

Methods and experience in defining and solving mathematical problems in industrial technology. Special emphasis will be given to the application of these basic processes to the solution of the unique mathematical problems encountered in the areas of architecture, automotive, drafting, machine, welding, and woodwork- ing technology.

IT 115 Industrial Safety (2)

2 hours lecture

Transfer acceptability: CSU

Prepares the student to enter the workforce in an awareness of safety. Includes a history and overview; laws and regulations; assessment, prevention, and controls; and the management of health and safety issues.

IT 120 Blueprint Reading for Machinists (3)

3 hours lecture

Provide entry level machinist to learn how to visualize and interpret shop drawing for manufacturing.

IT 190 Manufacturing I Introduction to MasterCAM (3)

1½ hours lecture - 4½ hours laboratory

This course will introduce the students to MasterCAM and 2D and basic 3D modeling. Students will receive instructions and drawings of parts requiring 2- or 3-axis machining. Students will design, model, program, set-up and run their parts on various machines, including plasma cutters, water jet cutters and milling machines.

IT 191 Manufacturing II Advanced MasterCAM (3)

1½ hours lecture - 4½ hours laboratory

Prerequisite: IT 190

This course will provide students with advanced 3d modeling techniques. Students will receive instructions and drawings of parts requiring 3-axis machining with multiple set-ups. Students will design, model, program, set-up and run their parts on various Computer controlled mills and lathes.

IT 192 Manufacturing III Multi-Axis Programming and Machining (3)

1½ hours lecture - 4½ hours laboratory

Prerequisite: IT 191

This course is designed to develop specialized 4- and 5-axis milling machine programming and skills using Mastercam. Students will receive instructions and drawings of parts requiring 4- or 5-axis milling. Students will design, model, program, set-up and run their parts on a multi-axis CNC Mill.

IT 197 Industrial Technology Topics (.5 - 4)

Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture and/or laboratory may be scheduled by the department. Refer to Class Schedule.

Transfer acceptability: CSU

Topics in Industrial Technology. See class schedule for specific topic covered. Course title will designate subject covered.

Information Technology

See CSIT - Information Technology

Insurance (INS)

Contact the Business Administration Department for further information.
(760) 744-1150, ext. 2488
Office: MD-341

Associate in Science Degrees -

AS Degree requirements are listed in Section 6 (green pages).

- Commercial and Personal Insurance Services

Certificates of Achievement -

Certificate of Achievement requirements are listed in Section 6 (green pages).

- Commercial and Personal Insurance Services

Certificates of Proficiency -

Certificate of Proficiency requirements are listed in Section 6 (green pages).

- Insurance Services

PROGRAM OF STUDY

Commercial and Personal Insurance Services

This program is designed to prepare students for entry into the insurance industry and to provide further training for individuals who have recently entered the insurance industry.

A.S. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements		Units
ACCT 104	Accounting Spreadsheet Concepts	2
ACCT 201	Financial Accounting	4
BUS 100	Introduction to Business	3
BUS 110	Business Mathematics	3
BUS 115	Business Law	3
BUS 170	Word for Business - Basic	1
BUS 176	Excel Intermediate	1
BUS 180	Access Basic	1
BUS 205	Business Communication	3
INS 100	Introduction to Insurance	1
INS 110	Principles of Property and Liability Insurance	3
INS 115	Personal Insurance	3
INS 120	Commercial Insurance	3
INS 125	Insurance Code and Ethics	1
CE 100	Cooperative Education	1 - 4
TOTAL UNITS		33 - 36

The program parallels the one developed by the Business Education Statewide Advisory Committee for California Community Colleges in 2004 and 2005.

Insurance Services

Provides a program to prepare the student for an entry-level insurance position, or allows an individual with a four-year degree or a person currently in the insurance industry to acquire further training to specialize and/or advance his/her career within the field.

CERTIFICATE OF PROFICIENCY

Program Requirements		Units
INS 100	Introduction to Insurance	1
INS 110	Principles of Property and Liability Insurance	3
INS 115	Personal Insurance	3
INS 120	Commercial Insurance	3
INS 125	Insurance Code and Ethics	1
CE 100	Cooperative Education	1 - 4
TOTAL UNITS		12 - 15

COURSE OFFERINGS

INS 100 Introduction to Insurance (1)

1 hour lecture

Transfer acceptability: CSU

The course is designed to provide a basic foundation in the modern property/casualty insurance system. Students will learn: how insurance products and services are distributed to the consumer; how the insurance company departments function; how reinsurance is used to create an insurance company and insure large property and high liability values/limits. It also provides students an understanding of civil laws or tort and contracts; a review of the basic commercial and personal Insurance Service Office (ISO) insurance contracts; and details the importance of the risk management process.

INS 110 Principles of Property and Liability Insurance (3)

3 hours lecture

Prerequisite: A minimum grade of 'C' in INS 100

Transfer acceptability: CSU

The study of this course is divided into three segments: Fundamentals of Insurance - information on what insurance is, who provides it, how it is regulated, and how the financial performance of insurers is measured. Insurance Operations - describes the functions of marketing, underwriting, and claims. Insurance contracts, loss exposure, and risk management - discusses insurance as a contract, introduces both property and liability loss exposures and policy provisions and provides a basic discussion of risk management as a means of managing loss exposures.

INS 115 Personal Insurance (3)

3 hours lecture

Prerequisite: A minimum grade of 'C' in INS 100

Transfer acceptability: CSU

Introduction to basic information regarding personal insurance, including property and liability loss exposures and personal risk management. The course includes information about automobile insurance; homeowners insurance; other residential insurance, such as fire and earthquake insurance; marine insurance; other personal property and liability insurance; financial planning; life insurance; and health insurance.

INS 120 Commercial Insurance (3)

3 hours lecture

Prerequisite: A minimum grade of 'C' in INS 100

Transfer acceptability: CSU

The study of basic information regarding the entire area of commercial insurance. The concepts covered include commercial property insurance; business income insurance; commercial crime insurance; equipment breakdown insurance; inland and ocean marine insurance; commercial general liability insurance; commercial automobile insurance; business owners policies and farm insurance; workers compensation and employers liability insurance; and other miscellaneous commercial coverages.