

## Industrial Technology (IT)

See Cabinet and Furniture Technology, Drafting Technology, and Electronics and Computer Hardware Technology for additional courses

Contact the Trade and Industry Department for further information, (760) 744-1150, ext. 2545

### COURSE OFFERINGS

#### IT 100 Technical Mathematics (3)

3 hours lecture

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 woodworking technology.

#### 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, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.

**Note:** May be taken 4 times

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

## Institutional Food Service Training (IFS)

Contact the Design and Consumer Education Department for further information, (760) 744-1150, ext. 2349

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

### COURSE OFFERINGS

#### IFS 100 Food Safety (3)

3 hours lecture

**Transfer acceptability:** CSU

Principles for prevention of foodborne illnesses during food production. Safe food handling practices applied to purchasing, receiving, storage, preparation, and service. Food microbiology, personal hygiene, maintaining sanitary equipment and facilities, accident prevention, crisis management and regulatory issues explored. Hazard analysis critical control point (HAACP) and current FDA Food Code discussed.

#### IFS 102A Food Safety Module 1 (1)

1 hour lecture

**Transfer acceptability:** CSU

Microworld and foodborne illness.

#### IFS 102B Food Safety Module 2 (1)

1 hour lecture

**Transfer acceptability:** CSU

Food safety in production.

#### IFS 102C Food Safety Module 3 (1)

1 hour lecture

**Transfer acceptability:** CSU

Food safety application. Students completing IFS 102A, 102B, and 102C are eligible to take a nationally approved food safety manager's examination.

## Insurance (INS)

Contact the Business Education Department for further information, (760) 744-1150, ext. 2488

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

### 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.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements		Units
ACCT 103	Financial Accounting	4
ACCT 104	Accounting Spreadsheet Laboratory	1
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 for Business	1
BUS 205	Business Writing	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 Codes and Ethics	1
CE 100	Cooperative Education	1-4

**TOTAL UNITS**

**32 - 35**

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

### COURSE OFFERINGS

#### INS 100 Introduction to Insurance (1)

1 hour lecture

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

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

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

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.

**INS 125 Insurance Code and Ethics (1)**

1 hour lecture

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

The study of Article II, 4. of the University Risk Management & Insurance Association, which covers a statement of ethics and standards of professional conduct for member representatives. The principles for the development of a systems approach for making ethical business decisions is reviewed. Such a methodical process provides for selecting alternatives that are responsible, practical, and defensible.

**Interior Design (ID)**

Contact the Design and Consumer Education Department for further information, (760) 744-1150, ext. 2349

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

Students should be aware that not all Interior Design courses are offered every semester. See Class Schedule or Department Chairperson for additional information.

**PROGRAMS OF STUDY****Interior Design – Certificate of Achievement**

Coordinated by educators and professional interior designers, this certificate of achievement offers an interdisciplinary approach to fundamental design, space planning, design analysis, and materials selection and specifications relating to residential and commercial spaces.

Prepares students to pursue employment in the interior design field with emphasis on retail furnishings and merchandising.

**CERTIFICATE OF ACHIEVEMENT**

Program Requirements		Units
<b>First Semester</b>		
ID 100	Interior Design	3
ID 105	Materials and Processes in Interior Design	3
BUS 125	Business English	3
<b>Second Semester</b>		
ID 110	Professional Practices in Interior Design	3
ID 135	Fabrics for Designers	3
ID 150	Computer Aided Drafting for Designers (CADD)	3
CE 150	Cooperative Education Internship	2-3
<b>TOTAL UNITS</b>		<b>20 - 21</b>

Recommended Electives: ID 115, 120, 130, 145, 198

**Interior Design - A.A. Degree Major**

Coordinated by educators and professional interior designers, this A.A. degree major offers an interdisciplinary approach to fundamental design, space planning, design analysis, and materials selection and specifications relating to residential and commercial spaces.

Prepares students to pursue employment in the interior design field.

**A.A. DEGREE MAJOR**

Program Requirements		Units
<b>First Semester</b>		
ID 100	Interior Design	3
ID 105	Materials and Processes in Interior Design	3
ID 115	History of Decorative Arts I	3
DT 105	Basic Architectural Drafting	3
<b>Second Semester</b>		
ID 110	Professional Practices in Interior Design	3
ID 120	History of Decorative Arts II	3
ID 125	Presentation Methods in Interior Design I	3
ID 135	Fabrics for Designers	3
ID 150	Computer Aided Drafting for Designers (CADD)	3
<b>Third/Fourth Semesters</b>		
ID 130	Light and Color	3
ID 140	Residential Interior Design	3
ID 141	Commercial Interior Design	3
ID 160	Interior Illustration	3
ID 170	Space Planning	3
CE 150	Cooperative Education Internship	2-3
<b>TOTAL UNITS</b>		<b>44 - 45</b>

Recommended Electives: ART 100, 102; BUS 140; CI 100; ID 145, 151

**COURSE OFFERINGS****ID 100 Interior Design (3)**

3 hours lecture

**Transfer acceptability:** CSU

The study of functional and aesthetic interior design principles used to create residential interiors. Beginning drafting, space planning, the use of color and the application of these skills in design are stressed. A survey of major twentieth-century architects and designers and their influence on design and lifestyle is analyzed. Instruction is given in furniture arrangement and selection, materials selection, lighting, and the effects of environmental design on human behavior.

**ID 105 Materials and Processes in Interior Design (3)**

3 hours lecture

**Transfer acceptability:** CSU

Selection, care, and use of materials used in residential and commercial interior design.

**ID 110 Professional Practices in Interior Design (3)**

3 hours lecture

**Transfer acceptability:** CSU

Specific business and professional practices as they apply to residential and commercial interior design. Career opportunities, personal qualifications, and skills required for employment are also presented.

**ID 115 History of Decorative Arts I (3)**

3 hours lecture

**Transfer acceptability:** CSU

The history of European furniture architecture and decorative arts from antiquity to the 19th Century. Emphasis on the contributions of religious, political, and social influences in the decorative arts.

**ID 120 History of Decorative Arts II (3)**

3 hours lecture

**Transfer acceptability:** CSU

The historical relationship between decorative arts, furniture styles, and interior architecture is illustrated in this overview of design heritage. This course begins with 16th century England and America and analyzes the influences and changes in design to the present. Emphasis is placed on style development as it relates to political, economic, and social forces.