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SPRING SEMESTER: JANUARY 11 - MAY 20, 2010

IN TUSTIN - CLASSES FROM SADDLEBACK COLLEGE, IRVINE VALLEY COLLEGE, AND THE CENTER FOR APPLIED COMPETITIVE TECHNOLOGIES

ACCOUNTING

ACCT 1A FINANCIAL ACCOUNTING 4 Units
 Recom: Math 253 and a working knowledge of spreadsheet software such as Microsoft Excel. Focuses on the corporate form of business ownership. Presents the basic theory and structure of financial accounting as an information system. Transfers: CSU; UC
 60295 05:00PM-09:50 Th Staff ATEP B-102

ACCT 1B MANAGERIAL ACCOUNTING 4 Units
 Prereq: Acct. 1A. Covers the decision-making process associated with managerial accounting, focusing on manufacturing and service-related businesses. Transfers: CSU; UC
 60320 05:00PM-09:50 W Bradshaw, D ATEP B-101B

ACCT 114 BUSINESS MATHEMATICS 3 Units
 Provides an overview of basic mathematical concepts and their application in such areas as discount, interest, depreciation, insurance, taxes, payrolls, and business ownership problems. Transfers: CSU. The following class meets 01-11 through 03-21.
 60340 05:30PM-09:00 T Staff ATEP B-102
 †Hybrid Class. Meets via Internet and classroom.

ARCHITECTURE

ARCH 50 INTRODUCTION TO COMPUTER-AIDED DRAFTING 3 Units
 Rec Prep: ARCH 124A or DR 100. Hands-on introduction to CAD drafting; create and manage basic architectural drawings using AutoCAD 2008. Also listed as DR 50. Credit given in either area, not both. UC credit limitations (see UC list). Materials Fee: \$5
 14720D 04:00PM-06:50 MW Sepehri, S ATEP B-101A

ARCH 51 COMPUTER-AIDED DRAFTING 3 Units
 Rec Prep: ARCH or DR 50. CAD concepts and hands-on drafting to create and manage 2D and 3D architectural drawings using AutoCAD 2008. Also listed as DR 51. Credit given in either area, not both. UC credit limitations (see UC list). Materials Fee: \$5
 14720J 04:00PM-06:50 MW Sepehri, S ATEP B-101A

ART

ART 4 INTRODUCTION TO ART THEORY 3 Units
 Rec Prep: WR 1. Introduces fundamental art elements, principles, terms, and methodologies used in the evaluation of art, and the social and intellectual contexts from which art and its study emerges. Visits to off-campus galleries/museums may be required. Transfers: CSU; UC
 61395 01:00PM-02:20 MW Francis, L ATEP B-102

ART 20 ART APPRECIATION 3 Units
 An introduction, for all students, to the visual arts: architecture, drawing, painting, printmaking, sculpture and new media, and their historical and stylistic significance in cultural traditions worldwide. Field trips may be required. Transfers: CSU; UC
 61440 02:30PM-3:50 MW Drew, P ATEP B-102

BUSINESS

BUS 104 BUSINESS COMMUNICATION 3 Units
 Prereq: BUS 103 or ENG 1A. Rec Prep: CIM 230. Presents the principles and styles of effective written business communications. Students compose business letters, memorandums, reports, and employment-related documents. Students also develop planning, organizing, and editing skills while improving grammar proficiency. Assignments include one hour/week in IMC or other location.
 22075 10:00AM-11:20 MW Woolgar, D ATEP B-101

BUS 237 FINANCING THE ENTREPRENEURIAL BUSINESS 1.5 Units
 Designed for entrepreneurs as an introduction to the world of business financing for new and existing businesses, better known as venture capital. Key topics include ways to find money, basic guidelines of investment, and properly managing your capital. Meets 3/22/10 to 05/20/10.
 19325 09:00AM-11:50 SAT Greenberg, J ATEP D-105
 †Accelerated 8-week course. All testing done online. For further information, go to online schedule, click on Business, click on Details.

CENTER FOR APPLIED COMPETITIVE TECHNOLOGIES (CACT)

CACT offers non-credit/fee based courses for workforce development. Registration is ongoing. To register, send an email to ATEP-CACT@ATEP.US or call 949.282.2720.

CACT TECHNICAL MATH WORKSHOP 0 Units
 Math skills are vital for students and employees in technical fields. This workshop gives students and employees a friendly and open environment to enhance existing skills or fill in gaps in technical mathematics. Students, this is your chance to get ready for the next term. Employees, this is your chance to gain math skills and increase your competitiveness in a tough job market!
 Meets December 8 - 17, 2009 Cost: \$245
 n/a 06:00PM-09:00 TTH Hauck, J ATEP D-106

CACT FIBER OPTICS FUNDAMENTALS: 2-PART SERIES 0 Units
 Students will establish a solid base of knowledge that is critical to advance in Fiber Optics related careers. This educational experience includes allied lecture and hands-on lab experiments. Take one or both classes. Cost: \$470 per course or \$860 for both.

Part 1- Fiber Optics components; types and properties of fibers; manufacturing of fibers; light sources, transmitters, and connections.
 Meets January 12 - February 16, 2010
 n/a 06:00PM-10:00 T Hauck, J ATEP D-106

Part 2- Fiber Optics Communications – Fiber Optics test equipment, measurements and troubleshooting; systems and optical networking concepts; metro, regional and global telecommunications; sensors, imaging, illumination and laser power delivery.
 Meets March 2 - April 6, 2010
 n/a 06:00PM-10:00 T Hauck, J ATEP D-106

CACT FUNDAMENTALS OF LIGHT AND LASER 0 Units
 Students will establish a solid base of knowledge that is critical to advance in Optics, Photonics and Laser related careers. This educational experience includes allied lecture and hands-on lab experiments. Course materials are provided from OP-TEC, the National Center for Optics and Photonics Education, a National Science Foundation Center of Excellence.
 Meets January 13 - February 17, 2010 Cost: \$450
 n/a 06:00PM-09:00 W Hauck, J ATEP D-106

CACT CHINESE FOR BUSINESS COMMUNICATIONS 0 Units
 This course provides fundamental knowledge of Chinese language and culture which are commonly used in business environments. Students will gain valuable knowledge to meet the challenges of traveling, conversing and doing business in China. The course is presented in a fun and practical style.
 Meets January 22 - March 5, 2010 (6 sessions, no class on Feb. 12). Cost: \$360
 n/a 09:00AM-12:00 F Jingfang, S ATEP D-106

CACT STRATEGIC PLANNING WORKSHOP 0 Units
 This workshop goes beyond traditional techniques of strategic mapping or planning. Learn valuable new techniques to create a clear and compelling vision of success and how to apply these new skills to attain specific goals and solve business problems. CEO's, Managers and Entrepreneurs will gain valuable tools to achieve breakthroughs to new levels of professional growth and development.
 Meets January 25 - February 11, 2010. Cost: \$360
 n/a 01:00PM-04:00 MTh Lee, V TBA

CACT COMPUTER REPAIR-BASIC 0 Units
 This course teaches the skills necessary to install, operate, maintain, upgrade and service computers and diagnose problems in computer systems. Instruction also focuses on component repair skills as well as software installation and troubleshooting. Course includes a hardware/software simulator for student use at home. This course will prepare you to take the 2009 CompTIA A+ Essentials Certification exam.
 Meets March 3 to April 21, 2010. Cost: \$420 + \$100 for text and simulation software you keep.
 n/a 06:00PM-09:00 W Bertulis, M ATEP D-106

ADVANCED TECHNOLOGY & EDUCATION PARK - SPRING 2010 SCHEDULE

COMPUTER INFORMATION MANAGEMENT

CIM 221 MANAGING PROJECTS W/ MICROSOFT PROJECT 3 Units
Learn to create a complete project schedule with tasks and task relationships. Edit and organize your project, assign resources to the tasks in your project, use Project views to get information about your project, format your project, and print views, Gantt charts, calendars, and reports. Assignments include 3 hrs/week in IMC or other location.

15100 07:00PM-09:50 W Webber, J ATEP A-105

CIM 271A WEB DEVELOPMENT: XHTML-BEGINNING 1.5 Units
Rec Prep: CIM 174 or 174A/B. Develop a practical understanding of the basic XHTML code necessary to construct a web page. Covers formatting commands, links, email, tables, frames, and forms. Insert and manipulate graphics within a web page and how code/script relates to HTML editors, servers, and service providers. Assignments incl. 3 hrs/wk in IMC or other location. Meets 01/11/10 to 03/21/10.

15180 08:00AM-10:50 W Rainey, D ATEP D-105

CIM 271B WEB DEVELOPMENT: XHTML-ADVANCED 1.5 Units
Rec Prep: CIM 271A. Intro to advanced concepts for creating robust web pages. Covers cascading style sheets and multimedia web pages. Introduces dynamic web pages using XHTML and simple JavaScripts. Assignments include 3 hours/week in IMC or other location. Meets 03/22/10 to 05/20/10.

15190 08:00AM-10:50 W Rainey, D ATEP D-105

DESIGN MODEL MAKING (DMP)

CWE 168 COOPERATIVE WORK EXPERIENCE: DMP 1,2,3, or 4 Units

I Prereq: Student must have taken or must be currently taking a course in college-level design model making. Limitation: Students must be concurrently enrolled in 7 units, including CWE. Application must be approved by CWE coordinator. Provides an opportunity for supervised work experience in design model making. (Repeatable) Transfers: CSU

66310 TBA TBA McKim, B ATEP E-103
66310 followed by J = 1 unit, G=2 units, D = 3 units and A = 4 units

DMP 210 RAPID VISUALIZATION 3 Units

Introduces a variety of media, materials and techniques used within the model-making and design industry for 3D design. Materials Fee: \$5

65920 07:30PM-09:50 MW Chornomod, I ATEP E-103

DMP 220 BASIC MODEL MAKING 3 Units

Begins the skill-building process in modeling using basic materials and processes as well as quick, visual model-development techniques. Materials Fee: \$15. Concurrent with DMP221

66030A 01:00PM-03:20 MW McKim, B ATEP E-103
66095A 05:00PM-07:20 MW McKim/Moore ATEP E-103

DMP 221 ADVANCED MODEL MAKING I 3 Units

I Prereq: DMP 220. Designed to develop advanced skills in modeling using more complex materials, processes, and finishes. Materials Fee: \$15. Concurrent with DMP220

66030D 01:00PM-03:20 MW McKim, B ATEP E-103
66095D 05:00PM-07:20 MW McKim/Moore ATEP E-103

DMP 222 ADVANCED MODEL MAKING II 3 Units

I Prereq: DMP 221. This course develops skills in using computer-aided design and manufacturing equipment and software to fabricate models. Two and three-dimensional rapid modeling equipment will be learned. Materials Fee: \$15

66105 07:30PM-09:50 TTh Deleon, H ATEP E-103

DMP 230 3D COMPUTER DESIGN 3 Units

A beginning level Computer-Aided Design course that provides basic techniques and applications utilized in the model making industry. Materials Fee: \$8. Concurrent with ENGR 183

66125D 07:00PM-09:20 MW Fairbanks, E ATEP B-101A

DMP 240 3D RAPID MODEL MAKING/PROTOTYPE DEV. I 3 Units

I Prereq: DMP 222. Students fabricate and finish a variety of complex parts within their discipline using advanced model-making equipment, materials and methods. Field trips may be required. Materials Fee: \$25

66130 05:00PM-07:20 TTh Loftus, J ATEP E-103

DMP 260 MODELING AND PROTOTYPING: METHODS/MATERIALS 2 Units

Part of the future transportation and commercial design certificate and degree programs. Introduces the many universal plastic materials and fabrication processes used in design and modeling. Materials Fee: \$15

66135 07:30PM-09:20 TTh McKim, B/Chornomod ATEP A-105

DIGITAL MEDIA ART

DMA 51 DIGITAL PHOTOGRAPHY 3 Units

Rec Prep: PHOT 50. An introductory course in the use of the computer as a tool to create and manipulate photographic imagery. Covers flatbed scanning, slide scanning, and using a digital camera. Also listed as Phot. 51; credit will be given in either area, not both. (Repeatable) Transfers: CSU; UC. Materials Fee: \$25

61295A 01:00PM-03:50 TTh Caterina, A ATEP B-101A

DMA 55 GRAPHIC DESIGN I 3 Units

Rec Prep: CIM 104.1, ART 4, and ART 40. An entry-level course that focuses on the use of the computer as a tool for creating graphic designs. Students explore and integrate basic graphic elements (line, shape, texture, color, balance) with typography and scanned imagery into completed designs. Transfers: CSU; UC. Materials Fee: \$25

61315 09:00AM-02:50 F Sasso, M ATEP B-101A

DMA 201 INTRODUCTION TO DIGITAL CAMERAS 1.5 Units
Introduces digital cameras; basic camera controls; and terms/concepts specific to digital imaging, such as resolution, file formats, storage media, white balance, and organization of digital files. Digital camera required. No printing. Also listed as Phot 201; credit given in either area, not both. (Repeatable)

66330D 09:00AM-11:50 Th Caterina, A ATEP D-105

Meets 01/11/10 to 03/21/10

66335D 09:00AM-11:50 Th Caterina, A ATEP D-105

Meets 03/22/10 to 05/20/10

DRAFTING

DR 50 INTRODUCTION TO COMPUTER-AIDED DRAFTING 3 Units

Rec Prep: ARCH 124A or DR 100. Hands-on introduction to CAD drafting; create and manage basic technical drawings using AutoCAD 2008. Also listed as ARCH 50. Credit given in either area, not both. UC credit limitations (see UC list). Materials Fee: \$5

14720A 04:00PM-06:50 MW Sepehri, S ATEP B-101A

DR 51 COMPUTER-AIDED DRAFTING 3 Units

Rec Prep: DR or ARCH 50. CAD concepts and hands-on drafting to create and manage 2D and 3D electro-mechanical drawings using AutoCAD 2008. Also listed as ARCH 51. Credit given in either area, not both. UC credit limitations (see UC list). Materials Fee: \$5

14720G 04:00PM-06:50 MW Sepehri, S ATEP B-101A

ECONOMICS

ECON 1 PRINCIPLES OF ECONOMICS-MICRO 3 Units

I Prereq: MATH 253. Introduces the concepts and tools of economic analysis; studies the price system, including supply and demand, marginal analysis, utility, cost and revenue concepts, imperfect competition, and production decisions. Transfers: CSU; UC

61095 01:30PM-04:20 T McNeil, M ATEP D-105

ECON 2 PRINCIPLES OF ECONOMICS-MACRO 3 Units

Prereq: Math 253. Recom: Econ. 1 or Econ 20. Analyzes the macroeconomic problems of scarcity, recession, inflation, unemployment, and economic growth by examining the level of output and income, the monetary system, fiscal and monetary policy, and international trade and finance. Transfers: CSU; UC

61110 05:30PM-06:50 MW Thompson, J ATEP D-105

EMERITUS

ACCT 432 STRUCTURING & MANAGING INVESTMENTS 0 Unit

Examines the stock and bond markets and assists older adults in structuring and managing investment portfolios. (Repeatable)

65060 03:00PM-04:50 T Meyerson, R ATEP B-101B

CIS 410 INTRO TO THE INTERNET 0 Unit

Introduces older adults to the features and uses of the Internet. Focuses on strategies for conducting an Internet search, using search engines and browser programs, and sending and managing email messages. This course is not graded. (Repeatable)

66205 9:00AM - 11:50 F Fong, F ATEP B-102

BIO 410 NATURAL HISTORY OF SOUTHERN CALIFORNIA 1 Unit

An introduction to the basic physical and biological features of the coastal, valley, mountain, and desert environments of Southern California. Intended for older adults. Students may meet with the instructor at alternate locations. This course is not graded. (Repeatable)

60080 09:00AM-11:50 F Leipzig, V ATEP D-101

LGL 400 LAW FOR THE LAYPERSON 0 Unit

An introduction to the U.S. legal system for older adults. An open-entry/open-exit course. (Repeatable)

60215 03:00PM-04:50 T Chidester, S ATEP B-102

PHOT 400 BEGINNING PHOTOGRAPHY 0 Unit

A general overview of digital and film photography for older adults, with an emphasis on the creative aspects of the medium. An open-entry/open-exit course. (Repeatable).

60595 01:00PM-03:50 M Ramirez, M ATEP B-101A

PHOT 401 INTERMEDIATE PHOTOGRAPHY 0 Unit

An intermediate course in digital and film photography for older adults, with an emphasis on more innovative approaches to composition, color, and design. An open-entry/open-exit course. (Repeatable)

60600 11:00AM-01:50 W Burns, S ATEP B-101A

PS 400 CURRENT ISSUES 1 Unit

Provides an opportunity for older adults to explore current issues and events on the national and local level. This course is not graded. (Repeatable).

90150 10:00AM-11:50 F Gounev, G ATEP B-101B

ENGINEERING

ENGR 183 COMPUTER-AIDED DESIGN TECHNIQUES 3 Units

An advanced course in computer-aided design. Students use the CAD systems to create and analyze 3-D drawings, including solid modeling, rendering and CAD/CAM interface applications. (Repeatable) Transfers: CSU. Materials Fee: \$8. Concurrent with DMP 230

66125A 07:00PM-09:50 MW Fairbanks, E ATEP B-101A

ENGLISH

ENG 1B PRINCIPLES OF COMPOSITION II 3 Units

Focuses on critical thinking and the longer expository and persuasive essays, concentrating on the term or research paper.

22740 12:00PM-01:20 MW Staff ATEP B-101B

ADVANCED TECHNOLOGY & EDUCATION PARK - SPRING 2010 SCHEDULE

FINE ARTS

FA 27 INTRODUCTION TO FINE ARTS 3 Units
 Covers the direct relationship between the arts. Lectures, discussions, attendance at various musical, theatrical and dance performances. Applies toward the Humanities requirement for all students. Transfers: CSU; UC.
 22390 09:00AM-10:20 TTh White, N ATEP D-101

GRAPHIC DESIGN

GD 147 INTRODUCTION TO COMPUTER GRAPHICS 3 Units
 Covers the many aspects of computer-generated art and graphics. The student will use the computer to create art and graphics with software such as Photoshop, Illustrator, and InDesign. Materials Fee: \$20
 22710 04:00PM-06:20 TTh Fanelli, T ATEP B-101A

GD 149 DIGITAL ILLUSTRATION 3 Units
 Rec Prep: GD or ART 141, 145, GD 147. Exploration of computer-based illustration on the Macintosh. Students will be introduced to Illustrator software that can be used by illustrators and graphic artists to produce finished art. Materials Fee: \$20
 22035 08:00AM-10:20 TTh Ballo, R ATEP B-101A

HEALTH SCIENCES/MEDICAL INSURANCE

HLTH 1 HEALTH EDUCATION 3 Units
 Investigates issues of human health from a holistic perspective, examining its physiological, emotional, mental, social, and environmental aspects. Transfers: CSU; UC
 62975 02:00PM-04:50 Th Pestolesi, T ATEP B-101B

HSC 201 MEDICAL TERMINOLOGY 3 Units
 Covers basic structure of medical terms and components. Builds a medical vocabulary applicable to specialty fields, major diseases, physical examination terms, diagnosis and treatment. Letter grade only (formerly MA 200).
 17255 12:00PM-02:50 Th Henry, R ATEP B-102
 21270 06:00PM-08:50 M Henry, R ATEP B-101B

HSC 228 CALCULATIONS FOR MEDICATION ADMINISTRATION 1 Unit
 Basic concepts for problem-solving in administering drugs and solutions. Stresses equivalencies and unit conversions using dimensional analysis. (Pharmacology hours for LVN candidates). Meets 04/08/10 to 05/13/10.
 17295 01:00PM-03:40 Th Belyea, B ATEP D-105

INSR 214A BASICS IN MEDICAL INSURANCE 2.5 Units
 Basic instruction in billing procedures for private and governmental insurance plans. Letter grade only. Materials fee: \$5.00.
 21275 08:00AM-10:20 T Mamoon, S. ATEP D 105

INSR 215A CPT-4 & ICD-9-CM MEDICAL INSURANCE CODING 3 Units
 Instruction in use of CPT-4 and ICD-9-CM code books, coding problems, and successful reimbursement strategies. Letter grade only. Materials fee: \$5.00.
 21280 10:30AM-01:20 T Mamoon, S./Austin ATEP D 105

INSR 260 COMPUTER APP. FOR HEALTHCARE PERSONNEL 1.5 Units
 Provides orientation to office-based and hospital computer applications including electronic spreadsheets, hospital information systems, billing, and electronic medical records. Focuses on medical billing. Letter grade only, (formerly MA260). Materials fee: \$5.00. The following class meets 03-22-10 through 05-20-10.
 21295 03:00PM-05:20 MW Staff ATEP D-105

HORTICULTURE

HORT 208 BEGINNING FLORAL DESIGN 2 Units
 Introduction to care and handling of fresh flowers, greens, and plants in floristry. Fee covers all materials including fresh flowers for the entire course. Materials Fee: \$135
 14525A 09:00AM-11:50 M Hayden, K ATEP D-105
 14530A 12:00PM-02:50 M Hayden, K ATEP D-105

HORT 209 ADVANCED FLORAL DESIGN 2 Units
 Rec Prep: HORT 208. Advanced techniques in floral design and composition. Fee covers all materials including fresh flowers for the entire course. Materials Fee: \$135
 14525D 09:00AM-11:50 M Hayden, K ATEP D-105
 14530D 12:00PM-02:50 M Hayden, K ATEP D-105

LANGUAGES

ARAB 1 ELEMENTARY ARABIC 5 Units
 Coreq: ARAB 999A. Rec Prep: College-level reading ability. This conventional college-transfer introductory course begins the process of developing fluency in speaking, reading, writing, and listening in Arabic. Transfers: CSU; UC.
 †Must enroll in ARAB 999A, Tkt #22070 (Saddleback campus).
 22065 04:30PM-06:50 MW Staff ATEP B-102

CHI 1 BEGINNING CHINESE I 5 Units
 Designed to develop basic skills in understanding, reading and communicating in Mandarin Chinese, the official Chinese language. Introduces Chinese characters and the Pinyin system. Also presents general aspects of Chinese daily life and culture. Transfers: CSU; UC
 61990 08:30AM-10:50 MW Chen, J ATEP B-102

CHI 2 BEGINNING CHINESE II 5 Units
 †Prereq: CHI 1 or 1B or two years of high school Chinese. Designed to further develop listening, reading, writing, and conversational skills in Mandarin Chinese. Presents more complex language structures and explores aspects of Chinese daily life, culture and customs. Classes conducted in Chinese. Transfers: CSU; UC
 62015 08:30AM-10:50 TTh Satow, J ATEP B-102

FR 1A INTRODUCTION TO BEGINNING FRENCH I 2.5 Units
 Designed to develop basic skills in understanding, reading and conversing in French. Introduces basic writing skills and general aspects of French and Francophone life and culture. Fr. 1A is equivalent to the first half of Fr. 1. Transfers: CSU; UC
 62055 10:30AM-12:50 T Khssassi, Z ATEP D-101

ITA 250 PRACTICAL ITALIAN 1 Unit
 Emphasizes conversational skills in Italian as applied to everyday situations. Assumes no prior knowledge of the language. May be repeated once for credit.
 22430 12:00PM-02:50 F Mandolini-Pesaresi, M. ATEP B-102

JA 3 INTERMEDIATE JAPANESE I 5 Units
 Prereq: Ja. 2 or Ja. 2B or three years of high school Japanese. The first course in second-year Japanese. Develops student skills in listening, speaking, reading and writing with increased emphasis on complex sentence structures, idiomatic expressions, and Japanese history and culture. Conducted in Japanese. Transfers: CSU; UC
 62125 04:30PM-06:50 TTh Izumi, T ATEP D-101

KOR 2 ELEMENTARY KOREAN 5 Units
 Prereq: KOR 1 or two years of high school Korean. Coreq: KOR 999A. Continues the development of fluency in speaking, reading, writing, and listening begun in Korean 1.
 15920 07:00PM-09:20 MW Yu, J ATEP D-101
 †Must enroll in KOR 999A, Tkt #15925 (Saddleback campus).

KOR 21 INTRODUCTION TO KOREAN CULTURE 3 Units
 Recom: College-level reading ability. Conducted in English. Areas of study include geography, history, literature, art, philosophy, religion and customs. Requires no prior study of Korean language or culture. Transfers: UC
 22845 01:00PM-03:50 M Choi, S ATEP D-101

KOR 250 PRACTICAL KOREAN 1 Unit
 Emphasizes conversational skills in Korean as applied to everyday situations. Assumes no prior knowledge of the language. May be repeated once for credit.
 22160 12:00PM-02:50 F Staff ATEP D-101

PRSN 2 ELEMENTARY PERSIAN 5 Units
 Prereq: PRSN 1 or two years of high school Persian/Farsi. Coreq: PRSN 999A. Continues development of fluency in speaking, reading, writing & listening from PRSN 1. Transfers: UC
 17730 04:30PM-06:50 MW Staff ATEP D-101
 †Must enroll in PRSN 999, Tkt #17735 (Saddleback campus).

PRSN 221 INTRODUCTION TO PERSIAN CULTURE 3 Units
 Recom: College-level reading ability. Areas of study include geography, history, literature, art, philosophy, religion and customs. Requires no prior study of Persian language or culture.
 22850 09:00AM-11:50 F Staff ATEP D-101

SPAN 1A INTRODUCTION TO BEGINNING SPANISH I 2.5 Units
 Designed to develop the fundamentals of communicating in Spanish. Students actively participate in classroom oral activities. Spanish 1A introduces writing skills and also presents general aspects of Hispanic daily life and culture. Transfers: CSU; UC
 62170 07:00PM-09:20 W Staff ATEP B-102

SPAN 250 PRACTICAL SPANISH 1 Unit
 Emphasizes conversational skills in Spanish as applied to everyday situations. Assumes no prior knowledge of the language. May be repeated once for credit.
 13335 09:00AM-11:50 F Allah, N. ATEP D-105

MANAGEMENT

MGT 102 PUBLIC SPEAKING FOR BUSINESS 3 Units
 Designed to increase students' communication skills, both verbal and nonverbal, in business settings. Includes platform experience. Transfers: CSU. Meets 03-22 through 05-20.
 61780 05:30PM-09:00 T Scott, D ATEP B-102
 †Hybrid Class. Meets via Internet and classroom.

MATHEMATICS

MATH 8 COLLEGE ALGEBRA 5 Units
 †Prereq: MATH 253. Rec Prep: Concurrent enrollment in TU 301 strongly recommended. An examination of various algebraic topics and elementary functions, including exponential and logarithmic functions, systems of equations, and matrices. Transfers: CSU; UC credit proviso (see UC course list).
 63480 11:00AM-01:20 TTh Araiepour, M ATEP B-101B

MATH 10 INTRODUCTION TO STATISTICS 3 Units
 †Prereq: MATH 253. Rec Prep: Concurrent enrollment in TU 301 strongly recommended. Teaches students to collect, organize, and describe data using graphical and numerical techniques. Transfers: CSU; UC credit proviso (see UC course list).
 63520 05:30PM-06:50 TTh Pham, L ATEP B-101B

MATH 124 TRIGONOMETRY 3 Units
 †Prereq: MATH 253. Rec Prep: Concurrent enrollment in TU 301 strongly recommended. An introduction to the circular and trigonometric functions emphasizing both the unit circle and right triangle methodologies. Transfers: CSU
 63590 05:00PM-06:20 TTh Noyes, J ATEP D-105

MATH 253 INTERMEDIATE ALGEBRA 5 Units
 †Prereq: MATH 353. Rec Prep: Concurrent enrollment in TU 301 strongly recommended. A continuation of elementary algebra intended to prepare students for subsequent math classes. Includes the real number system, polynomials and factoring, linear equations, complex numbers, and exponential and logarithmic numbers.
 63650 06:30PM-08:50 TTh Noyes, J ATEP D-105

MATH 353 ELEMENTARY ALGEBRA 5 Units
 Prereq: Math 351. Recom: Concurrent enrollment in Math 353L strongly recommended. A first course in algebra. Introduces signed numbers, equations and inequalities, graph and linear equations, functions, and polynomials. Similar to the first year of high school algebra. Formerly offered as Math 251.
 63795 08:00AM-09:25 MWF Araiepour, M ATEP B-101B

PHILOSOPHY

PHIL 1 INTRODUCTION TO PHILOSOPHY 3 Units
Explains the tools and methods of the philosopher and introduces a few typical philosophical issues. Typical issues are the free will problem, personal identity, and the existence of God. Transfers: CSU; UC.
66290 02:00PM-03:20 MW Otwell, C ATEP B-101B

PHIL 3 INTRODUCTION TO LOGIC 3 Units
A practical-minded study of good and bad reasoning, grounded in traditional logic. Transfers: CSU; UC
62580 07:00PM-09:50 M Otwell, C ATEP B-102

PHOTOGRAPHY

PHOT 51 DIGITAL PHOTOGRAPHY 3 Units
Rec Prep: PHOT 50. An introductory course in the use of the computer as a tool to create and manipulate photographic imagery. Covers flatbed scanning, slide scanning, and using a digital camera. Also listed as DMA 51; credit will be given in either area, not both. (Repeatable) Transfers: CSU; UC. Materials Fee: \$25
61295D 01:00PM-03:50 TTh Caterina, A ATEP B-101A

PHOT 201 INTRODUCTION TO DIGITAL CAMERAS 1.5 Units
Introduces digital cameras; basic camera controls; terms/concepts specific to digital imaging, such as resolution, file formats, storage media, white balance, and organization of digital files. Digital camera required. No printing. Also listed as DMA 201; credit given in either area, not both. (Repeatable)
66330A 09:00AM-11:50 Th Caterina, A ATEP D-105
Meets 01-11 to 03-21.
66335A 09:00AM-11:50 Th Caterina, A ATEP D-105
Meets 03-22 to 05-20.

PSYCHOLOGY

PSYC 1 INTRODUCTION TO PSYCHOLOGY 3 Units
An introduction to the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology. Transfers: CSU; UC.
66285 11:00AM-12:20 MW Georgianna, S ATEP B-102

REAL ESTATE

RE 170 REAL ESTATE PRINCIPLES 3 Units
Basic laws and principles of real estate ownership. For professionals and consumers. Required prep. for State real estate salesperson license exam. Applies toward State's elective educational req. for broker's exam, Dept. of Real Estate (DRE) basic education. Class meets 02-20 through 05-15.
22210 09:00AM-12:50 SAT Staff ATEP B-102

RE 172 REAL ESTATE PRACTICE 3 Units
Recom: RE 170. A study of daily work in the life of a real estate licensee, career opportunities and procedures for maximizing efficiency and effectiveness. Applies toward State's requirement for real estate salesperson license and broker's exam, Department of Real Estate (DRE) basic education. Class meets 02-20 through 05-15.
22215 01:00PM-04:50 SAT Staff ATEP B-102

RE 176B REAL ESTATE APPRAISAL II 3 Units
Advanced course in real estate appraisal with emphasis on investment property. Applies toward State's elective educational requirements for the broker's examination, and appraisal license. Class meets 02-20 through 05-15.
22080 09:00AM-12:50 SAT Chung, S ATEP B-101B

SPEECH/THEATRE ARTS

SP 1 COMMUNICATION FUNDAMENTALS 3 Units
Focuses on the acquisition of communication skills including research, organization, evidence, and presentation of ideas in informative and persuasive contexts. Platform speaking experience will be required. Transfers: CSU; UC
16865 07:00PM-09:50 TTh Garthoffner, J ATEP B-101B
Meets 03-22 to 05-20.
66230 01:00PM-03:50 F Rietveld, L ATEP B-101B
Meets 01-11 to 05-20.
63285 07:00PM-09:50 TTh Staff ATEP B-101B
Meets 01-11 to 03-21.

SP 35 VOICE AND DICTION 3 Units
A course in vocal and articulatory development. Students practice resonance, vocal variety, and vocal control. Also listed as TA 35; credit given in either area, not both. (Repeatable) Transfers: CSU; UC. Class meets 03-22 to 05-20.
63405D 01:00PM-03:50 TTh Runde, J ATEP D-101

TA 35 VOICE AND DICTION 3 Units
A course in vocal and articulatory development. Students practice resonance, vocal variety, and vocal control. Also listed as TA 35; credit given in either area, not both. (Repeatable) Transfers: CSU; UC. Class meets 03-22 to 05-20.
63405A 01:00PM-03:50 TTh Runde, J ATEP D-101

TA 201 ENTERTAINMENT COMPUTER-AIDED DRAFTING 3 Units
Recom: TA 101. Create and manage basic drawings for the entertainment industry using VectorWorks.
22765 10:30AM-12:50 MW McFann, K ATEP B-101A

WHAT COURSES TRANSFER?

For specific transfer credit information, including Intersegmental General Education Transfer Curriculum (IGETC) articulation information, refer to the IGETC pages in the Irvine Valley College or Saddleback College schedules. Information is also available from the counselor at ATEP, 949.282.2708.

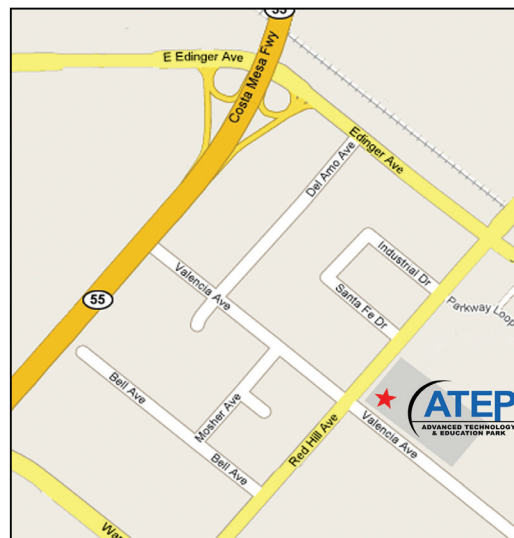
HOW TO FIND US

ADVANCED TECHNOLOGY & EDUCATION PARK (ATEP)

15445 LANSDOWNE ROAD, TUSTIN 92782
(Corner of Red Hill and Valencia)

**For accurate directions, go to
WWW.ATEP.US**

(GPS systems/search engines aren't always correct!)
or call 949.282.2700.



ATEP EXPANSION PLANS

The South Orange County Community College District is planning its first major expansion of the ATEP campus to 30 acres in the next two to three years. The ATEP campus will eventually grow to a total of 68 acres with a commitment to training students for high technology, high wage industries in Orange County and across the nation.



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