

Las Positas College
Schedule of Classes
Summer 2019
8.12.19

*****ADMINISTRATION OF JUSTICE LPC

AJ 9969 FIREARMS INSTRUCTOR 2.5 Units

Designed to train individuals to be firearms instructors. Covers basic firearms knowledge, teaching techniques and lesson planning, range preparation, combat shooting techniques and safety. A California Peace Officer Standards and Training (POST) certified course designed for full-time peace officers.

Day 10848 By Arr 13.5 Hrs/Wk tba TUCKER 06/03 06/14 P/N 091
Lab By Arr 27.0 Hrs/Wk tba 06/03 06/14 P/N

This course will meet offsite at the Alameda County Sheriff's Office Regional Training Center located at 6289 Madigan Road, Dublin, CA 94568 To initiate enrollment for this course, or get further information, contact the Regional Training Center at at 925-551-6970 or <http://www.sheriffacademy.com>

AJ 9979 BASIC POLICE CYCLIST 1.5 Units

A course designed for those newly assigned to bicycle patrol work. Covers basic cycling principles and skills, including riding in traffic, bicycle fitness, gear selection, basic maintenance, health and nutrition, emergency handling skills, hazard evasion, night riding, patrol tactics, legal issues, traffic laws and scenarios. This is a California Peace Officer Standards and Training (POST) certified course for regular or reserve peace officers in federal, state, or local law enforcement.

Day 10849 By Arr 18.0 Hrs/Wk tba TUCKER 06/10 06/14 P/N 091
Lab By Arr 27.0 Hrs/Wk tba 06/10 06/14 P/N

This course will meet offsite at the Alameda County Sheriff's Office Regional Training Center located at 6289 Madigan Road, Dublin, CA 94568 To initiate enrollment for this course, or get further information, contact the Regional Training Center at at 925-551-6970 or <http://www.sheriffacademy.com>

AJ 9987 BASIC S.W.A.T. 2.5 Units

Introduces officers to basic weapons and tactical skills associated with the responsibilities of a SWAT team member. Training includes member selection and team make-up, keys to survival, introduction to tactical weapons and movement of fire, weapon retention and take away, tactical building searches, rappelling, incident management under SMEAC and liability issues. This is a California Peace Officer Standards and Training (POST) certified course designed for full-time peace officers approved for SWAT training for their agency.

Day 10850 Lab By Arr 13.5 Hrs/Wk tba TUCKER 06/17 06/28 P/N 091
Lab By Arr 27.0 Hrs/Wk tba 06/17 06/28 P/N

This course will meet offsite at the Alameda County Sheriff's Office Regional Training Center located at 6289 Madigan Road, Dublin, CA 94568 To initiate enrollment for this course, or get further information, contact the Regional Training Center at at 925-551-6970 or <http://www.sheriffacademy.com>

AJ 9997 LAW ENFORCEMENT ACADEMY 29.0 Units

Basic concepts of law enforcement, covering investigation, procedures, records, laws, tactics, firearms and public and human relations. The Law Enforcement Academy is certified by the Commission of Peace Officer Standards and Training (POST). Strongly Recommended: Administration of Justice 50, 60, 61, and 70 or employment as a peace officer.

Day 10706 By Arr 9.0 Hrs/Wk tba TUCKER 07/29 02/07 OP 166
Lab By Arr 27.0 Hrs/Wk tba 07/29 02/07 OP

*****AMERICAN SIGN LANGUAGE LPC

ASL 1A AMERICAN SIGN LANGUAGE I 3.0 Units

Introduction to American Sign Language (ASL) including expressive and receptive sign, the manual alphabet, facial expression, and body gestures. Emphasis on conversational skills in functional situations, knowledge of Deaf culture and the Deaf community.

Day 10027 MW 12:30 - 3:35 1053 COLE 06/10 08/01 GR V01
Day 10632 TTh 12:30 - 3:35 1053 COLE 06/10 08/01 GR V02

*****ANTHROPOLOGY LPC

Introduction to history and physical principles of astronomy, focusing on our Solar System. Includes: constellations; distance scales; historical development of astronomy; gravitation; motion of the earth, moon and planets; astronomical tools; formation and evolution of the solar system; physical properties, atmosphere, and evolution of the earth, moon, and planets within the solar system; asteroids, comets, and other small bodies; discovery of extra-solar planets; possibilities for life beyond Earth. Designed for non-majors in mathematics or physical science. A companion science lab, Astronomy 30, is also available.

Web 10094 By Arr 9.0 Hrs/Wk ONLINE HARPELL 06/17 07/25 OP DE1
ASTR 10-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

*****BIOLOGICAL SCIENCES LPC

BIO 1A GENERAL BOTANY 5.0 Units

Diversity, structure and function of plant, fungal, and protistan phyla. Topics include development, morphology, physiology and systematics. Principles of population and community ecology and ecosystem interactions. (Note: Formerly BOTN 1.) Prerequisite: MATH 55 or 55B or Strongly Recommended: BIO 30

Day 10460 MTWTh 9:00 -10:25 1872 PETERSEN 06/10 08/01 GR V01
Lab MTWTh 11:00 - 2:05 1855 06/10 08/01 GR

BIO 7A HUMAN ANATOMY 5.0 Units

Structure and function of the human body with emphasis on microscopic, gross, and developmental anatomy. Microscopic examination of normal and pathological tissues, and dissection, supplemented by use of charts, models, and computer assisted instruction. (Note: Formerly ANAT 1.) Prerequisite: BIO 30 with a minimum grade of C Strongly Recommended: Eligibility for ENG 1A

Day 10461 MTWTh 8:30 - 9:55 1858 HIGHT 06/10 08/01 GR V01
Lab MTWTh 10:10 - 1:15 1858 06/10 08/01 GR
Day 10713 MTWTh 11:50 - 1:15 1816 DOLAN 06/10 08/01 GR V02
Lab MTWTh 1:35 - 4:40 1858 06/10 08/01 GR
Eve 10462 MTWTh 5:00 - 6:25 1858 ROGHANI 06/10 08/01 GR 093

Lab MTWTh 6:40 - 9:45 1858 06/10 08/01 GR

BIO 7B HUMAN PHYSIOLOGY 5.0 Units

Function and regulation of the human body. This course examines general, cellular, and molecular interactions that integrate the organ systems to maintain homeostasis. Human responses and computer simulations are used to collect and analyze data. Designed for nursing, physical and occupational therapy, and other health sciences majors. (Note: Formerly PHSI 1.)
Prerequisite: BIO 7A and CHEM 1A or CHEM 30A or CHEM 31 with a minimum grade of C Strongly recommended: Eligibility for ENG 1A and CHEM 30B

Day 10701 MTWTh 9:00 -10:25 1814 FITZGERALD 06/10 08/01 GR V01
Lab MTWTh 10:45 - 1:50 1810 06/10 08/01 GR

BIO 20 CONTEMPORARY HUMAN BIOLOGY 3.0 Units

A study of the Human organism, beginning at the cellular level, emphasizing organ systems, and also including topics of genetics and biotechnology. (Note: Formerly BIOL 20.)

Web 10742 By Arr 6.7 Hrs/Wk ONLINE CHOVNICK 06/10 08/01 GR DE1
BIO 20-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

BIO 30 INTRO TO COLLEGE BIOLOGY 4.0 Units

Basic principles of biology. Cell structure and function, cell division, cell metabolism, reproduction, genetics, taxonomy, origin of life, and evolution. Laboratory emphasis on developing various laboratory skills, using the metric system, collecting data, graphing, interpreting data, and preparing for and taking laboratory exams. Designed to prepare the necessary concepts and laboratory skills and experience that are needed to succeed in more advanced courses in biology. (Note: Formerly BIOL 31.) Strongly Recommended: MATH 110 or MATH 110B and eligibility for ENG 1A.

Day 10549 MTWTh 10:00 -11:25 1871 JUDD 06/10 08/01 GR V01
Lab MW 12:00 - 3:05 1851 06/10 08/01 GR

Day 10550 MTWTh 10:00 -11:25 1871 JUDD 06/10 08/01 GR V02
Lab TTh 12:00 - 3:05 1851 06/10 08/01 GR

Eve 10463 MTWTh 5:00 - 6:25 1872 RIENSCH 06/10 08/01 GR 093
Lab MW 6:40 - 9:45 1851 06/10 08/01 GR

Eve 10464 MTWTh 5:00 - 6:25 1872 RIENSCH 06/10 08/01 GR 094
Lab TTh 6:40 - 9:45 1851 06/10 08/01 GR

BIO 40 HUMANS AND THE ENVIRONMENT 3.0 Units

Identification of problems created by humans modification of their environment by focusing on ecological interactions involving the human species; investigating the life processes of organisms as they relate to specific environments. 3 hours. (Note: Formerly ECOL 10)

Web 10465 By Arr 9.0 Hrs/Wk ONLINE SHULDMAN 06/17 07/25 OP DE1
BIO 40-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>

*****BUSINESS LPC

BUSN 1A FINANCIAL ACCOUNTING 4.0 Units

A study of accounting as an information system; examining why it's important, and how it's used by investors and creditors to make decisions. Includes the recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles and comparing it to international financial reporting standards, preparation and analysis of the classified financial statements for merchandising and service companies. Also includes issues related to recording and valuation of assets, liabilities, equities and cashflow, recognition of revenues, expenses using effective internal controls and ethical standards. (Formerly Principles of Accounting 1A).

Web 10459 By Arr 12.0 Hrs/Wk ONLINE YAP 06/10 08/01 GR DE1
BUSN 1A-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

BUSN 18 BUSINESS LAW 4.0 Units

A study of the legal environment of business. Covering laws and regulations impacting business transactions. Introduction to the legal process. Topics include sources of legal concepts and ethics, torts, contracts, UCC, warranties, product liability, consumer financial transactions, environmental, competition, agency, employment and labor, business organizations, and judicial and administrative processes. Strongly Recommended: BUSN 40 and ENG 1A with a minimum grade of C

Web 10656 By Arr 9.0 Hrs/Wk ONLINE COLEMAN 06/10 08/01 GR DE1
BUSN 18-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

BUSN 40 INTRODUCTION TO BUSINESS 3.0 Units

A multidisciplinary examination and introduction to business operations within the U.S. and internationally. Provides an overview of global economic systems, business formations, business ethics and laws, general accounting practices and financing, facility location and layout, production, organizational structures and management functions. Fundamentals of risk management, marketing, human resources, and employee motivation are covered. Demonstrates how culture, society, and external business environments impact a business' ability to achieve its organizational goals. Strongly Recommended: ENG 1A

Web 10345 By Arr 6.7 Hrs/Wk ONLINE PATTERSON 06/10 08/01 OP DE1
BUSN 40-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

BUSN 61 QUICKBOOKS ACCOUNTING 1.5 Units

Introduction to the use of QuickBooks accounting software to process transactions related to a service and merchandise company. Specific topics include using company files, sales and receivables, payables and purchases bank and credit card reconciliations end of period transactions and payroll. Transactions include journalizing, adjusting entries, closing entries, bank reconciliation and preparing financial statements. Strongly Recommended: BUSN 1A or BUSN 51 with a minimum grade of C

Web 10743 By Arr 5.7 Hrs/Wk ONLINE BELL 06/10 08/01 OP DE1
BUSN 61-DE1 is an online course. For more information see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

*****CHEMISTRY

CHEM 1A GENERAL COLLEGE CHEMISTRY I 5.0 Units

Introduction to atomic structure, bonding, stoichiometry, thermochemistry, gases, matter and energy, oxidation-reduction, chemical equations, liquids and solids, solutions, chemical energetics and equilibrium. Laboratory includes both quantitative and qualitative experiments. Prerequisites: Mathematics 55 or 55B and Chemistry 31 (all courses completed with a grade of "C" or higher). The Chemistry 31 prerequisite can be fulfilled by demonstrating the appropriate skill level in the Chemistry Placement Process.

Day 10107 MTWTh 8:30 - 9:55 1873 SYMMANK 06/10 08/01 GR V01
Lab MTWTh 10:05 - 1:15 1802 06/10 08/01 GR

Eve 10466 MTWTh 5:00 - 6:25 1873 CHUMA 06/10 08/01 GR 093
Lab MTWTh 6:35 - 9:45 1802 06/10 08/01 GR

CHEM 1B GENERAL COLLEGE CHEMISTRY II 5.0 Units

Continuation of Chemistry 1A. Includes chemical energetics and equilibria, solutions and ionic equilibria, acid-base chemistry, electrochemistry, coordination chemistry, kinetics, nuclear chemistry, organic chemistry, and the chemistry of family groups of the periodic table. Laboratory emphasizes quantitative techniques, including instrumentation, and qualitative analysis. Prerequisite: Chemistry 1A (completed with a grade of "C" or higher).

Day 10108 MTWTh 1:00 - 2:25 1871 BRENNAN 06/10 08/01 GR V01
Lab MTWTh 2:35 - 5:45 1802 06/10 08/01 GR

CHEM 30A INTRO AND APPLIED CHEMISTRY I 4.0 Units

Chemistry of inorganic compounds, atomic theory, bonding, equations, gas laws, solutions, acid-base theory and oxidation-reduction. Designed to meet the requirements of certain programs in allied health and technological fields and for general education. Chabot Prerequisite: MTH 65, MTH 65B or, MTH 65L or, MTH 53 or, MTH 53B (completed with a grade of "C" or higher) LPC Prerequisite: MATH 110 or MATH 110B with a minimum grade of C

Eve 10467 MTWTh 5:00 - 6:25 1816 SHARMA 06/10 08/01 GR 093
Lab MW 6:35 - 9:45 1805 06/10 08/01 GR

Eve 10551 MTWTh 5:00 - 6:25 1816 SHARMA 06/10 08/01 GR 094
Lab TTh 6:35 - 9:45 1805 06/10 08/01 GR

CHEM 31 INTRO TO COLLEGE CHEMISTRY 4.0 Units

Elementary concepts of chemistry with emphasis on mathematical calculations; includes nomenclature, stoichiometry, atomic structure, gas laws, and acids and bases. Designed for majors in science and engineering. Prerequisite: Mathematics 55 or 55B (completed with a grade of "C" or higher).

Day 10109 MTWTh 8:00 - 9:25 1816 HADEI 06/10 08/01 OP V01
Lab MW 9:35 -12:45 1807 06/10 08/01 OP
Day 10110 MTWTh 8:00 - 9:25 1816 HADEI 06/10 08/01 OP V02
Lab TTh 9:35 -12:45 1807 06/10 08/01 OP
Eve 10673 MTWTh 5:00 - 6:25 1871 GUHA 06/10 08/01 OP 093
Lab MW 6:30 - 9:40 1807 06/10 08/01 OP

*****COMMUNICATION STUDIES LPC

CMST 1 FUNDAMENT. OF PUBLIC SPEAKING 3.0 Units

Theory and techniques of public speaking. Discovery, development, and criticism of ideas in public discourse through research, reasoning, organization, composition, presentation, and evaluation of various types of speeches including informative and persuasive speeches; includes developing the faculties of critical listening and problem solving. Strongly Recommended: ENG 1A

Day 10660 MTWTh 9:00 -11:25 4212 KELLNER 05/28 07/01 OP V01
Day 10663 MTWTh 9:00 -10:25 4213 JOVIEN 06/10 08/01 OP V02
Day 10662 MTWTh 10:30 -12:40 4213 JOHNSON 06/17 07/25 OP V03
Day 10710 MTWTh 9:00 -11:25 4212 RAMSEY 07/02 08/01 OP V04

CMST 10 INTERPERSONAL COMMUNICATION 3.0 Units

Exploration, discussion, and evaluation of the principles of the verbal and non-verbal communication process in relationships. Study of theory and research findings and their application to communication in interpersonal relationships in personal and professional contexts. Strongly Recommended:

ENG 1A

Day 10744 MTWTh 11:00 -12:25 1012 JOVIEN 06/10 08/01 OP V01

*****COMPUTER INFORMATION SYSTEMS

CIS 50 INTRO TO COMPUTING INFO TECH 3.0 Units

A comprehensive introductory to the concepts of management and information systems used in business and similar organizations. Covers the role of information systems in business, the need for data and information, how computers are used in business and other organizations to provide information. Focus on information systems, database management system, networking, e-commerce, ethics and security, computer system hardware and software components. Students will interactively solve applied problems utilizing software productivity tools such as: word processors, spreadsheets, databases, presentation, WWW, and programming languages. Introduce the analytical, written and oral communication skills necessary to communicate effectively in a business computing environment.

Web 10012 By Arr 9.0 Hrs/Wk ONLINE FIELDS 06/10 08/01 OP DE1
CIS 50-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

Web 10005 By Arr 9.0 Hrs/Wk ONLINE FIELDS 06/10 08/01 OP DE2
CIS 50-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

Web 10929 By Arr 12.0 Hrs/Wk ONLINE AUSTIN 06/17 07/25 OP DE3
CIS 50-DE3 is an online course offered in the 6-week Summer Session. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

*****COMPUTER SCIENCE LPC

CS 7 INTRO TO COMPUTER PROGRAMMING 3.0 Units

An introductory course in computer programming concepts and fundamental coding skills using object-oriented languages like Python. Material includes problem-solving techniques, design of algorithms, and common programming constructs such as variables, expressions, input/output, decision-making, loops and arrays.

Day 10922 TTh 10:00 - 1:30 1054 DIETRICH 07/02 08/01 OP HY2
By Arr 6.9 Hrs/Wk ONLINE 07/02 08/01 OP
CS 7-HY2 is a hybrid course. Students will meet on campus Tuesdays and Thursdays from 10-1:30 p.m. in Room 1054. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 10415 TTh 10:00 - 1:30 1013 KOMANETSKY 07/02 08/01 OP HY1
By Arr 4.5 Hrs/Wk ONLINE 07/02 08/01 OP
CS 7-HY1 is a hybrid course. Students will meet on campus Tuesdays and Thursdays from 10-1:30 p.m. in Room 1013. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

*****EARLY CARE AND EDUCATION

ECE 56 CHILD GROWTH AND DEVELOPMENT 3.0 Units

A study of the major physical, psychosocial, and cognitive/ language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

Web 10745 By Arr 6.7 Hrs/Wk ONLINE GARNER 06/10 08/01 GR DE1
ECD 56-DE1 is an online course. There will be a mandatory online orientation on June 6th from either 12:00â€”1:30 PM or from 5:00â€”6:30 PM. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

ECE 62 CHILD, FAMILY AND COMMUNITY 3.0 Units

The processes of socialization and identity development, focusing on the interrelationship of family, school, and community. Examines the influence of multiple societal contexts. Explores the role of collaboration between family, community, and schools in supporting children's development.

Web 10746 By Arr 6.7 Hrs/Wk ONLINE TAYLOR 06/10 08/01 GR DE1
ECD 62-DE1 is an online course. There will be a mandatory online orientation on June 5th from either 12:00â€”1:00 PM or from 5:00â€”6:00 PM. Information about the orientation will be sent via email the week of June 3rd. For more

information, see the section titled Online Learning in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>

*****ECONOMICS

ECON 1 PRINCIPLES OF MICROECONOMICS 3.0 Units

Economic analysis of market systems, price theory, including supply and demand analysis, marginal utility, elasticity, cost and revenue concepts, perfect and imperfect competition, international trade theory, pricing of the factors of production, poverty and income inequalities. Prerequisite: MATH 55 or MATH 55B and ENG 104 with a minimum grade of C

Day 10393 TWR 9:00 -11:50 1011 SHAHBAZI 06/17 07/25 OP V01
Web 10049 By Arr 6.7 Hrs/Wk ONLINE WEBSTER 06/10 08/01 OP DE1
ECON 1-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

ECON 2 PRINCIPLES OF MACROECONOMICS 3.0 Units

Economic analysis of the theory of income determination, including national income analysis, business cycles, the consumption function, the multiplier, fiscal policy, monetary policy, money and banking, the public debt, economic growth and development, comparative economic systems and international trade. Prerequisite: MATH 55 or MATH 55B and ENG 104 with a minimum grade of C

Web 10040 By Arr 6.7 Hrs/Wk ONLINE WEBSTER 06/10 08/01 OP DE1
ECON 2-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

*****EMERGENCY MEDICAL SERVICES

EMS 14 PARAMEDIC CLINICAL PRACTICUM 6.0 Units

Provides instruction to enhance student's knowledge of emergency care in a clinical setting. Students are provided access to adequate numbers of patients, proportionally distributed by illness, injury, gender, age, and common problems encountered in the delivery of emergency care appropriate to the level of the Emergency Medical Services Profession(s). Hospital/clinical

experiences include the operating room, recovery room, intensive care unit, coronary care unit, labor and delivery room, pediatrics, and emergency department, and include exposure to an adequate number of pediatric, obstetric, psychiatric, and geriatric patients. Prerequisite: EMS 10, EMS 11, EMS 12, EMS 13 with a minimum grade of C

Day 10747 By Arr 33.0 Hrs/Wk tba HOGUE 05/28 08/08 P/N V01

EMS 30 EMERGENCY MEDICAL RESPONDER 3.0 Units

Development of knowledge and skills necessary for recognizing and caring for victims in emergency situations, including cardiopulmonary resuscitation, patient assessment, cardiopulmonary resuscitation with the use of an automated external defibrillator, and prevention of disease transmission. Designed for emergency medical responders in the public safety field. Successful completion of the psycho-motor skills tests and successful completion of the course with a score of 80%, and achieving a score on the course summative final at (80%) qualifies the student for an Emergency Medical Responder (EMR) Certificate issued by the Emergency Care and Safety Institute (ECSI). Strongly Recommended: EMS 70B with a minimum grade of C

Day 10748 TTh 10:00 -11:50 2201 HOGUE 05/28 08/08 GR V01

Lab TTh 12:00 - 1:50 2201 05/28 08/08 GR

Students will be assessed a \$7 fee at registration for the ESCI EMR Certificate and Card.

*****ENGLISH LPC

ENG 1A CRITICAL READING AND COMP 3.0 Units

Integrated approach to reading, writing, and critical thinking intended to develop ability to read and write complex, college-level prose. Examination of ideas in relation to individual's worldview and contexts from which these ideas arise. Some research required. Integrated approach to reading, writing, and critical thinking intended to develop ability to read and write complex, college-level prose. Prerequisite: ENG 104 with a minimum grade of Pass or ESL 25 with a minimum grade of C

Day 10017 MW 8:00 -12:15 2450 ROBINSON 06/17 07/25 GR V01

Lab MW 12:30 - 1:45 2414 06/17 07/25 GR

Day 10051 MTWTh 8:00 -10:05 2490 ELLINGSWORT06/17 07/25 GR V02

Lab MW 10:15 -11:35 2412 06/17 07/25 GR

Day 10034 TTh 8:00 -12:15 2450 OTT 06/17 07/25 GR V03
Lab TTh 12:25 - 1:40 2412 06/17 07/25 GR

Eve 10029 MW 6:00 -10:15 2470 DURAN 06/17 07/25 GR HY1
By Arr 3.0 Hrs/Wk ONLINE 06/17 07/25 GR
ENG 1A-HY1 is a hybrid course. Students will meet on campus on Mondays & Wednesdays from 6:00-10:15 pm in room 2470. The remainder of the class will be conducted online. For more information go to,
<http://www.laspositascollege.edu/onlinelearning>

Eve 10016 TTh 6:00 -10:15 1013 CONNORS 06/17 07/25 GR HY2
By Arr 3.0 Hrs/Wk ONLINE 06/17 07/25 GR
ENG 1A-HY2 is a hybrid course. Students will meet on campus Tuesdays & Thursdays from 6:00-10:15 in room 2470. The remainder of the course will be conducted online. For more information, go to
<http://www.laspositascollege.edu/onlinelearning>

Web 10020 By Arr 12.0 Hrs/Wk ONLINE MCMICHAEL 06/17 07/25 GR DE1
ENG 1A-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

Web 10469 By Arr 12.0 Hrs/Wk ONLINE COLE 06/17 07/25 GR DE2
ENG 1A-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

Web 10470 By Arr 12.0 Hrs/Wk ONLINE KAPLAN 06/17 07/25 GR DE3
ENG 1A-DE3 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

ENG 4 CRITICAL THINKING/WRITING LIT 3.0 Units

Develops critical thinking, reading, and writing skills as they apply to the analysis of fiction, poetry and drama; literary criticism; and related non-fiction from diverse cultural sources and perspectives. Emphasis on the techniques and principles of effective written argument as they apply to literature. Some research required. Prerequisite: ENG 1A with a minimum grade of C

Day 10347 MW 8:00 -12:15 1007 KELLER 06/17 07/25 GR V02

Eve 10018 MW 6:00 -10:15 2460 CHIOLIS 06/17 07/25 GR 093
Web 10348 By Arr 9.0 Hrs/Wk ONLINE NASH 06/17 07/25 GR DE1
ENG 4-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

Web 10471 By Arr 9.0 Hrs/Wk ONLINE NASH 06/17 07/25 GR DE2
ENG 4-DE2 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

ENG 7 CRITICAL THINKING/WRITING 3.0 Units

Develops critical thinking, reading, and writing skills as they apply to the textual analysis of primary and secondary book-length works from a range of academic and cultural contexts. Emphasis on the techniques and principles of effective written argument in research-based writing across disciplines.
Prerequisite: ENG 1A with a minimum grade of C

Day 10349 TTh 8:00 -12:15 1007 ADMASSU 06/17 07/25 GR V01

Eve 10090 TTh 6:00 -10:15 1007 PARK 06/17 07/25 GR 093

Web 10350 By Arr 9.0 Hrs/Wk ONLINE STEVENS 06/17 07/25 GR DE1
ENG 7-DE1 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

Web 10019 By Arr 9.0 Hrs/Wk ONLINE STEVENS 06/17 07/25 GR DE2
ENG 7-DE2 is an online course. For more information, see the section titled
"Online Learning" in this schedule or go to
<http://www.laspositascollege.edu/onlinelearning>

ENG 32 U.S. WOMEN'S LITERATURE 3.0 Units

Chronicles the expression of U.S. women authors through readings in a variety of genres such as fiction, poetry, drama, and the essay. Study of the works of at least three of the following groups: African Americans, Asian Americans, European Americans, Hispanic Americans, and Native Americans, with a particular focus on the 20th century. Prerequisite: English 1A (completed with a "C" or higher).

Web 10694 By Arr 9.0 Hrs/Wk ONLINE COLE 06/17 07/25 GR DE1
ENG 32-DE1 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

*****GEOGRAPHY

GEOG 1 INTRO TO PHYSICAL GEOGRAPHY

3.0 Units

This course is a spatial study of the Earth's dynamic physical system and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere with emphasis on spatial characteristics, change over time, interactions between environmental components, and human-environment interactions. Tools of geographic inquiry are also briefly covered; they include maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

Web 10038 By Arr 9.0 Hrs/Wk ONLINE ORF 06/17 07/25 GR DE1

GEOG 1-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 10114 By Arr 9.0 Hrs/Wk ONLINE ORF 06/17 07/25 GR DE2

GEOG 1-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

*****GEOLOGY

GEO 5 ENVIRON.GEOL:HAZARDS/DISASTERS

3.0 Units

Understanding and planning for the effects of natural hazards and disasters on the earth, the ecosystem and human populations. Content covers the basic natural hazard processes, where and why they occur, as well as considerations for environmental land-use planning. Environmental hazards studied include earthquakes, volcanoes, river systems (including floods and dams), landslides, coastal erosion, tsunamis, sinkholes, etc.

Web 10548 By Arr 9.0 Hrs/Wk ONLINE CHRISTEN 06/17 07/25 OP DE1

GEO 5-DE1 is an online course. For more information, go to

<http://www.laspositascollege.edu/onlinelearning>

GEO 12 INTRODUCTION TO OCEANOGRAPHY

3.0 Units

Introduction to the oceans, the history of oceanic science, instrumentation and exploration; marine geology including plate tectonics and shoreline processes; physical and chemical properties of sea water; causes and effects of currents, tides, and waves; introduction to the basic types of marine life, the basic marine habitats and ecosystems; distribution of marine resources and the Law of the Sea.

Web 10214 By Arr 9.0 Hrs/Wk ONLINE HANNA 06/17 07/25 OP DE1

GEO 12-DE1 is an online course. For more information, go to

<http://www.laspositascollege.edu/onlinelearning>

*****HEALTH

HLTH 1 INTRO TO PERSONAL HEALTH 3.0 Units

An exploration of major health issues and behaviors in the various dimensions of health (physical, emotional, intellectual/mental, social, spiritual, and environmental). Emphasis is placed on individual responsibility for personal health and the promotion of informed, positive health behaviors. Topics include psychological health, mental health, stress management, nutrition, exercise, weight management, chronic and infectious diseases, healthy relationships, sexual health, drug use and misuse, aging, and the health care system.

Day 10037 MTWTh 10:30 -12:35 103 SAPSFORD 06/17 07/25 OP V01
Web 10245 By Arr 9.0 Hrs/Wk ONLINE EVERETT 06/17 07/25 OP DE1
HLTH 1-DE1 is an online course. For more information, see the section title
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

Web 10565 By Arr 9.0 Hrs/Wk ONLINE EVERETT 06/17 07/25 OP DE2
HLTH 1-DE2 is an online course. For more information, see the section title
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

*****HISTORY LPC

HIST 1 WESTERN CIVILIZATION TO 1600 3.0 Units

Origin and development of civilization in the Mediterranean and its expansion into Europe - the Near East, Greece, Rome and the Middle Ages, Renaissance and the Reformation.

Web 10488 By Arr 10.8 Hrs/Wk ONLINE GILL 07/02 08/01 GR DE1
HIST 1-DE1 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

HIST 2 WESTERN CIVILIZATION SINCE 1600 3.0 Units

History of the Modern Western World: Romanticism and the Industrial Revolution

to the present.

Web 10391 By Arr 9.0 Hrs/Wk ONLINE GOUVEIA 06/17 07/25 GR DE1
HIST 2-DE1 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

HIST 7 US HISTORY THROUGH RECONSTRUCT 3.0 Units

A survey of United States history from its pre-colonial, indigenous origins through the end of Reconstruction. Emphasis on (1) distinctively American patterns of political, economic, social, intellectual and geographic developments, (2) the interaction amongst and the experiences of diverse racial, ethnic and socioeconomic groups in American History, and (3) the evolution of American institutions and ideals including the U.S. Constitution, the operations of the U.S. government, and the rights and obligations of U.S. citizens under the Constitution.

Day 10025 MTWTh 8:00 -10:05 2420 PRATER 06/17 07/25 GR V01

Eve 10489 MTWTh 4:00 - 6:20 2420 HIGDON 05/28 07/01 GR 094

Web 10003 By Arr 9.0 Hrs/Wk ONLINE GILL 06/17 07/25 GR DE1
History 7-DE1 is an online course. For more information, see the section
titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

HIST 8 US HISTORY POST-RECONSTRUCT 3.0 Units

History of the United States from the post-Civil War period to the present. Emphasis on (1) distinctively American patterns of political, economic, social, intellectual and geographic developments, (2) the framework of California state and local government, and the relationship between state/local government and the federal government.

Day 10026 MTWTh 11:30 - 1:35 2420 TUELL 06/17 07/25 GR V01

Eve 10050 MW 6:30 - 9:45 2420 HIGDON 06/10 08/01 GR 093

Eve 10490 MTWTh 4:00 - 6:20 2420 HIGDON 07/02 08/01 GR 094

Web 10036 By Arr 10.8 Hrs/Wk ONLINE GOUVEIA 05/28 07/01 GR DE1
HIST 8-DE1 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

*****HUMANITIES

HUMN 3 FLM-DRAMA-MUS-VIS ART-LYR POET 3.0 Units

Dramatic literature, the theater including filmic art, an introduction to the experience and appreciation of works of musical and visual art and lyric poetry.

Day 10567 MW 1:00 - 4:10 2450 CHIOLIS 06/10 08/01 OP V01

HUMN 10 THE AMERICAN STYLE 3.0 Units

Humanities in the United States. Major works of literature, painting, sculpture, architecture, film, music, philosophy, technology, religion and political and social institutions. Particular attention to values and meanings that reflect the American cultural experience.

Web 10069 By Arr 9.0 Hrs/Wk ONLINE CHIOLIS 06/17 07/25 OP DE1
HUMN 10-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

HUMN 28 THE CLASSIC MYTHS 3.0 Units

Introduction to mythic themes recurring in literature, the visual arts, and music; gods, humans, heroes; their origins, variations, historical development, and full expression in classical times and continued presence in the arts.

Web 10491 By Arr 9.0 Hrs/Wk ONLINE CHIOLIS 06/17 07/25 OP DE1
HUMN 28-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

*****KINESIOLOGY LPC

KIN 18B ATHLETIC TRAINING PRACTICUM 2 1.0 Units

This course will expose students to injury evaluation, methods of diagnosis and rehabilitation. The student will help make return to play decisions based on the knowledge they have learned in their coursework. The students will develop

and administer conditioning programs to Las Positas College athletes with the guidance of the Certified Athletic Trainer. Prerequisite: KIN 18A with a minimum grade of C

Day 10918 By Arr 3.0 Hrs/Wk tba LE CARA 06/10 08/01 OP V01

KIN 31D OFF SEAS INTERCOL MENS BSKTBL 1.0 Units

Students will practice the skills of passing, dribbling, shooting, cutting, screening and defensive fundamentals that are necessary for competitive basketball play. Students will learn the governing rules of basketball, learn the appropriate terminology used in basketball and the safety procedures related to the game.

Day 10217 MTW 1:00 - 2:50 PE101 GIACOMAZZI 06/17 07/25 GR V01
MTW 3:00 - 3:50 PE202 06/17 07/25 GR

KIN 38A PRESEASON INTER. MENS SOCCER 1.0 Units

Students will work on advanced skills of soccer, such as, kicking, passing, trapping, heading and physical conditioning which are needed for controlled outdoor higher levels of soccer play, discuss and employ basic offensive and defensive strategies and tactics; use and apply the rules governing outdoor soccer play.

Day 10216 MTWTh 8:00 -10:30 SYNTH CUMBO 07/02 08/01 GR V01

KIN 40A PRE-SEASON WOMEN'S VOLLEYBALL 1.0 Units

Preseason preparation for intercollegiate competition in the sport of women's volleyball.

Day 10758 TWR 3:00 - 5:20 PE101 BYRD 06/17 08/01 GR V01

KIN 41D OFF SEA INTERCOL WOMENS BSKBL 1.0 Units

Students will practice the skills of dribbling, passing, shooting and defense necessary for competitive basketball play; put into practice the governing

rules of basketball; learn about the appropriate terminology used in basketball and the safety procedures related to the game.

Day 10759 TWR 11:00 -12:50 PE202 MORGAN 06/17 07/25 GR V01

KIN 48A PRESEA INTERCOL WOMENS SOCCER 1.0 Units

Students will practice the skills of kicking, passing, trapping and heading necessary for controlled outdoor defensive strategies and tactics; put into practice the rules governing outdoor soccer play.

Day 10215 MTWTh 10:00 -12:40 SYNTH CUMBO 07/02 08/01 GR V01

KIN 61 WATER POLO OFF SEASON TRAINING 0.5 Units

This course is designed to give students the opportunity to learn and apply specific conditioning skills relating to the game of Water Polo. Instruction will focus on speed, quickness, strength, and cardiovascular conditioning in the pool as they relate to the play of Water Polo. Concepts of dryland training and periodization will be discussed. Strongly Recommended: KIN WP1 and KIN SW2 with a minimum grade of C

Eve 10712 TTh 6:30 - 8:00 POOL2 FAIX 06/10 08/01 OP 093

KIN FL1 FLAG FOOTBALL 1 1.0 Units

This is an introductory course designed to give the student an opportunity to review and practice the basic fundamental skills relative to the game of flag football.

Eve 10858 TTh 6:00 -10:15 SYNTH CRAIGHEAD 06/17 07/25 OP 093

KIN FL2 FLAG FOOTBALL 2 1.0 Units

This is an intermediate course designed to teach students the principles of short-field flag football. Instruction will include: rules, regulations, and concepts of play for 4-on-4 and 5-on-5 flag football. Strongly Recommended: KIN FL1 with a minimum grade of C

Eve 10859 TTh 6:00 -10:15 SYNTH CRAIGHEAD 06/17 07/25 OP 093

KIN FL3 FLAG FOOTBALL 3

1.0 Units

This course is a continuation course for Flag Football 2. Review of the rules and regulations will be included. This level course will provide instruction on more complex offensive tactics, defensive strategies and concepts of play for 7 on 7 and 8 on 8 flag football. Students will receive instruction on the the principles of long-field flag football. Strongly Recommended: KIN FL1 and KIN FL2 with a minimum grade of C

Eve 10860 TTh 6:00 -10:15 SYNTH CRAIGHEAD 06/17 07/25 OP 093

KIN GF1 GOLF 1

1.0 Units

This is an introductory course to the sport of golf. The course will include the rules, regulations and etiquette of golf, the fundamental swing skills for the long and short game and appropriate club selection. Beg-Intermediate and Intermediate players can benefit from the basic instruction to improve their skill set through the art of practice on the range. The course will be offered at a local golf range and student will be charged a minimal fee for bucket of balls to be used.

Eve 10478 MTW 5:00 - 8:40 tba SAPSFORD 06/10 07/10 OP 093

Meets at the Tri-Valley Golf Center (1780 Friesman Road, Livermore, CA). Students enrolled in Golf will be assessed an additional \$50, \$100, or \$200 bucket of ball choices, payable to the facility, at the first class meeting.

KIN GF2 GOLF 2

1.0 Units

For students who possess the rudimentary skills of golf and aim to improve those abilities. Students will hone their putting, short game, mid-long iron play and driving capabilities. The course is offered at a local driving range who will charge a minimal fee for practice balls.

Eve 10553 MTW 5:00 - 8:40 tba SAPSFORD 06/10 07/10 OP 093

Meets at the Tri-Valley Golf Center (1780 Friesman Road, Livermore, CA). Students enrolled in Golf will be assessed an additional \$50, \$100, or \$200 bucket of ball choices, payable to the facility, at the first class meeting.

KIN GF3 GOLF 3

1.0 Units

Advanced technical aspects of golf match play will be included. Additionally, psychological skills for the elite golfer will be incorporated including visualization, pre-shot routines, relaxation methods and self-talk strategies.

Eve 10554 MTW 5:00 - 8:40 tba SAPSFORD 06/10 07/10 OP 093

Meets at the Tri-Valley Golf Center (1780 Friesman Road, Livermore, CA). Students enrolled in Golf will be assessed an additional \$50, \$100, or \$200 bucket of ball choices, payable to the facility, at the first class meeting.

KIN PF PERSONAL FITNESS

1.0 Units

An independent, self paced, personal activity program planned and implemented in conjunction with student goals. Based on goals and results of a fitness assessment and health risk appraisal, an individualized program is developed through personal counseling. Programs can include a physical assessment profile, a health risk appraisal, an individualized exercise/activity program, nutrition counseling, health/wellness education, and behavior modification. The student is required to meet with the instructor on campus at the beginning and end of the semester. This is a hybrid class in which the students are assessed and there is a lecture component in the beginning of the class. At the end of the term the students will be reassessed and there will be individual instruction, handouts and another face-to-face lecture.

Web 10477 By Arr 6.0 Hrs/Wk ONLINE SAPSFORD 06/12 07/25 OP HD1
KIN-PF-HD1 is a hybrid course. All meetings will be online, EXCEPT on the following dates when students will meet on campus in Room PE 209 (in the PE Building) for a pre-assessment and orientation; Tuesday, June 13th from 5:30-6:30pm. Post-fitness assessment will be conducted on campus Wednesday, July 24 from 5:30-6:30pm in Room PE 209. Students must log into Canvas on Wednesday, June 12 for directions and to check in with the instructor online. For more information, see the section titled "Online Learning" in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>

KIN SW1 SWIMMING 1

1.0 Units

An introductory course designed to teach basic swimming skills and is designed for non-swimmers who cannot complete one length of the pool (25 yards). Emphasis will be on the physical and psychological adjustment to the water as

well as basic swimming stroke technique. Students will also learn aquatics safety methods.

Day 10760 MTWTh 1:30 - 3:35 POOL2 CRAIGHEAD 06/17 07/25 OP V01

KIN SW2 SWIMMING 2 1.0 Units

This is a beginning level course designed to teach fundamental swimming skills. Emphasis will be on developing basic swimming techniques for the freestyle and backstroke, and include an introduction to breaststroke, butterfly, and sidestroke. Students will also learn aquatic safety methods. Strongly recommended: KIN SW1 with a minimum grade of C

Day 10761 MTWTh 1:30 - 3:35 POOL2 CRAIGHEAD 06/17 07/25 OP V01

KIN SW3 SWIMMING 3 1.0 Units

This is an Intermediate Swimming course. Instruction includes refining the competitive strokes (freestyle, backstroke, butterfly, breaststroke), the introduction of the individual medley, and competitive turns for each stroke. Strongly recommended: KIN SW2 (completed with a grade of "C" or better).

Day 10555 MTWTh 1:30 - 3:35 POOL2 CRAIGHEAD 06/17 07/25 OP V01

KIN WT1 WEIGHT TRAINING 1 1.0 Units

This course provides an introduction to weight training. Students will learn how to improve muscle strength and muscle endurance through the correct application of basic weight training principles.

Day 10762 MTWTh 11:15 - 1:20 PE202 CRAIGHEAD 06/17 07/25 OP V01

KIN WT2 WEIGHT TRAINING 2 1.0 Units

Weight Training 2 is a continuation course to the Basic course WTW1. The Principles of Training, Level 2 terminology and weight training biomechanics will be presented. Level 2 programs and possible variations will be applied in the prescription of the personal weight training program. The course will

incorporate lectures on possible injuries and prevention in a more advanced weight training setting. Implementation of goal setting, tracking, analyzing, progressing individual programs will be included. Strongly Recommended: KIN WT1 with a minimum grade of C

Day 10861 MTWTh 11:15 - 1:20 PE202 CRAIGHEAD 06/17 07/25 OP V01

KIN XT1 X-TRAINING 1.0 Units

This kinesiology class will offer the student an opportunity to learn how to exercise safely in a Weight/ Cardio gym. Circuit, Interval and Cross Training programs will be introduced. The topics of discussion will include: equipment orientation and safety, Principles of Resistance and Aerobic Training, energy systems used for various training regimens, and the benefits of exercise in establishing and maintaining a healthy lifestyle throughout life.

Day 10763 MTWTh 9:00 -11:05 PE203 CUMBO 06/17 07/25 OP V01

KIN YO1 YOGA 1 1.0 Units

This is an introductory course exploring the principles of Hatha Yoga and how they apply to achieving lifetime fitness. Emphasis is on developing awareness of body alignment, balance, and flexibility through a series of exercises and poses. Breathing exercises, relaxation and meditation techniques are learned and practiced throughout the course.

Day 10444 MTWTh 11:15 - 1:20 PE213 CUMBO 06/17 07/25 OP V01

KIN YO2 YOGA 2 1.0 Units

This is an intermediate Hatha Yoga course that emphasizes intense stretching, balancing, and building of muscular strength. A series of poses and breathing techniques will be practiced in order to create a more strenuous yoga experience. Emphasis will be on the principles of healthy living, along with proper posture, relaxation and meditation techniques. Strongly Recommended: KIN YO1 with a minimum grade of C

Day 10698 MTWTh 11:15 - 1:20 PE213 CUMBO 06/17 07/25 OP V01

*****MASS COMMUNICATIONS LPC

MSCM 5 INTRO TO MASS COMMUNICATIONS

3.0 Units

Survey of mass communication and the interrelationships of media with society, including history, structure, and trends in a digital age. Discussion of theories and effects, economics, technology, law and ethics, global media, media literacy, and social issues, including gender and cultural diversity. Strongly recommended: Eligibility for ENG 1A. 3 hours lecture. AA/AS GE. Transfer: CSU, UC*; CSU GE: D7; IGETC: 4G. *MSCM 5 and 31 combined: max UC credit, one course.

Eve 10392 TTh 7:00 - 9:25 2460 THOMPSON 07/02 08/01 OP HY1

By Arr 5.4 Hrs/Wk ONLINE 07/02 08/01 OP

MSCM 5-HY1 is a hybrid course. Students will meet on campus Tuesdays and Thursdays from 7 to 9:25 p.m. in Room 2460. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

MSCM 31 INTRODUCTION TO MEDIA

3.0 Units

A survey of radio, television, film and multimedia and their impact on culture and society; includes economics, technological development, programming, ratings, legal aspects, and social control of broadcasting in America, and cross-cultural, international comparisons. Strongly recommended: Eligibility for English 1A. Strongly Recommended: Eligibility for ENG 1A

Web 10496 By Arr 10.8 Hrs/Wk ONLINE KORBER 05/28 07/01 OP DE1

MSCM 31-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>.

*****MATH LPC

MATH 1 CALCULUS I

5.0 Units

An introduction to single-variable differential and integral calculus including: functions, limits and continuity; techniques and applications of differentiation and integration; the Fundamental Theorem of Calculus; areas and volumes of solids of revolution. Prerequisite: MATH 30 and MATH 39 or MATH 38 with a minimum grade of C

Day 10557 MTWTh 11:00 - 1:35 1001 POWERS 06/10 08/01 GR V01
Math 1 includes an introduction to integration and its application to areas and volumes. Any student enrolling in this course should be aware that the content may differ from a similar course taught at other schools. If you are not an LPC student, check with the Mathematics Department at your school to be sure this course is similar to the one taught there. This LPC calculus course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Eve 10811 MTWTh 6:30 - 9:05 1001 PINTO 06/10 08/01 GR 093
Math 1 includes an introduction to integration and its application to areas and volumes. Any student enrolling in this course should be aware that the content may differ from a similar course taught at other schools. If you are not an LPC student, check with the Mathematics Department at your school to be sure this course is similar to the one taught there. This LPC calculus course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

MATH 2 CALCULUS II 5.0 Units

Continuation of single-variable differential and integral calculus. Topics covered include: inverse and hyperbolic functions; techniques of integration; polar and parametric equations; infinite sequences, series, power series and Taylor series; applications of integration. Primarily for mathematics, physical science and engineering majors. Prerequisite: MATH 1 with a minimum grade of C

Day 10558 MTWTh 11:00 - 1:35 1003 MAJUMDAR 06/10 08/01 GR V01
It is expected that any student enrolling in Math 2 has had a Calculus I course which included an introduction to integration and its application to areas and volumes. This LPC course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

MATH 30 COLLEGE ALGEBRA FOR STEM 4.0 Units

College algebra core concepts relating to Science, Technology, Engineering and Mathematics (STEM) and Business fields are explored, such as: polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; and analytic geometry. Multiple representations, applications and modeling with functions are emphasized throughout. May not receive credit if Mathematics 20 or 45 have been completed. Prerequisite: MATH 55 or MATH 55B with a minimum grade of C

Day 10782 MTWTh 11:30 - 1:45 1874 EDWARDS 06/10 08/01 GR V01
Lab TTh 10:30 -11:20 1874 06/10 08/01 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be fee associated with these materials. Consult with the instructor or bookstore before registering for this course. There is a required lab hour attached to this course. Students must complete their TBA lab hour requirement and work on TBA lab hour assignments at the scheduled time.

Eve 10783 MTWTh 5:30 - 7:45 1874 HOANG 06/10 08/01 GR 093
Lab MW 7:55 - 8:45 1874 06/10 08/01 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be fee associated with these materials. Consult with the instructor or bookstore before registering for this course. There is a required lab hour attached to this course. Students must complete their TBA lab hour requirement and work on TBA lab hour assignments at the scheduled time.

MATH 34 CALC FOR BUS AND SOC SCIENCES 5.0 Units

Functions and their graphs; limits of functions; differential and integral calculus of algebraic, exponential and logarithmic functions. Applications in business, economics, and social sciences and use of graphing calculators. Partial derivatives and the method of Lagrange multipliers. Prerequisite: MATH 55 or MATH 55B with a minimum grade of C

Day 10416 MW 9:00 -11:05 1060 MOHEBI 06/10 08/01 GR V01
Lab MW 11:15 -12:05 1060 06/10 08/01 GR
TTh 9:00 -12:05 1060 06/10 08/01 GR

A TI-84 or TI-83 calculator or internet-based software may be required. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. There is a required lab hour attached to this course. Students must complete their TBA lab hour requirement and work on TBA lab hour assignments at the scheduled time.

Eve 10784 MW 6:00 - 8:05 1003 MAITI 06/10 08/01 GR 093

Lab MW 8:15 - 9:05 1003 06/10 08/01 GR

TTh 6:00 - 9:05 1003 06/10 08/01 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

There is a required lab hour attached to this course. Students must complete their TBA lab hour requirement and work on TBA lab hour assignments at the scheduled time.

MATH 39 TRIGONOMETRY

4.0 Units

Trigonometry includes definitions of the trigonometric functions and their inverses, graphs of the trigonometric functions and their inverses, trigonometric equations, trigonometric expressions and identities, including proofs, an introduction to vectors, polar coordinates and complex numbers. Applications include solving right triangles and solving triangles using the law of sines and the law of cosines. Prerequisite: MATH 55 or MATH 55B with a minimum grade of C.

Day 10559 MTWTh 2:00 - 4:15 1874 OLAVARRIETA 06/10 08/01 GR V01

Lab MW 4:25 - 5:15 1874 06/10 08/01 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

There is a required lab hour attached to this course. Students must complete their TBA lab hour requirement and work on TBA lab hour assignments at the scheduled time.

Eve 10560 MTWTh 5:30 - 7:45 1060 EDWARDS 06/10 08/01 GR 093

Lab MW 7:55 - 8:45 1060 06/10 08/01 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

There is a required lab hour attached to this course. Students must complete their TBA lab hour requirement and work on TBA lab hour assignments at the scheduled time.

MATH 40 STATISTICS AND PROBABILITY

4.0 Units

Descriptive statistics, including measures of central tendency, dispersion and position; elements of probability; confidence intervals; hypothesis tests; two-population comparisons; correlation and regression; goodness of fit;

analysis of variance; applications in various fields. Introduction to the use of a computer software package to complete both descriptive and inferential statistics problems. Prerequisites: Math 50 or Math 55 or Math 55B with a minimum grade of C

Day 10265 MTWTh 9:00 -11:15 1002 FRATES 06/10 08/01 GR V01
Lab MW 11:25 -12:15 1002 06/10 08/01 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 10355 MTWTh 12:30 - 2:45 1002 PINTO 06/10 08/01 GR V02
Lab TTh 11:30 -12:20 1002 06/10 08/01 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 10356 MTWTh 3:00 - 5:15 1002 SINGH 06/10 08/01 GR V03
Lab MW 5:25 - 6:15 1002 06/10 08/01 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Eve 10357 MTWTh 6:30 - 8:45 1002 MAITI 06/10 08/01 GR 093
Lab MW 8:55 - 9:45 1002 06/10 08/01 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Web 10358 By Arr 11.2 Hrs/Wk ONLINE AUGUST 06/10 08/01 GR HD1

MATH 40-HD1 is a hybrid course. All class meetings will be online except on the following dates when students will be required to meet on campus in Room 1004 from 3:00-4:30pm on: June 10, June 24, July 8, July 22 and August 1. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be fee associated with these materials. Consult with the instructor or bookstore before registering for this course. There is a required lab hour attached to this course. Students must complete their TBA lab hour requirement and work on TBA lab hour assignments at the scheduled time. For more information, see the section titled "Online Learning" in this schedule, or go to <http://lpcazure.laspositascollege.edu/onlinelearning/index.php>

MATH 52A TECH. INTER. ALGEBRA- AUTO A

1.5 Units

This course provides a survey of algebraic processes with an emphasis on applications in the automotive trades. Topics covered include, but are not limited to: algebraic expressions; quadratic functions; and functions. This

course may not be used as a prerequisite for any transfer level course.
Prerequisite: MATH 72D with a minimum grade of C

Day 10785 MW 9:30 -11:15 607 PETERSON 06/10 08/01 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

10786 MW 2:00 - 3:45 607 PETERSON 06/10 08/01 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

MATH 52B TECH. INTER. ALGEBRA- AUTO B 1.5 Units

This course provides a survey of algebraic and geometric processes with an emphasis on applications in the automotive trades. Topics covered include, but are not limited to: plane geometry; linear regression, financial mathematics, and measures of central tendency. This course is not intended as a prerequisite for any transfer level course. Prerequisite: MATH 52A with a minimum grade of C

Day 10787 MW 9:30 -11:15 607 PETERSON 06/10 08/01 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 10788 MW 2:00 - 3:45 607 PETERSON 06/10 08/01 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

MATH 53A TECH.INTER.ALGEBRA-WELDING A 2.0 Units

This course provides a survey of algebraic processes with an emphasis on applications in welding. Topics covered include, but are not limited to: algebraic expressions, plane geometry, the geometry of solids, and triangle trigonometry. This course may not be used as a prerequisite for any transfer level course. Prerequisite: MATH 72C or MATH 72D with a minimum grade of C

Day 10791 MW 9:30 -11:50 607 PETERSON 06/10 08/01 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 10792 MW 2:00 - 4:20 607 PETERSON 06/10 08/01 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

MATH 53B TECH.INTER.ALGEBRA-WELDING B

1.0 Units

This course provides a survey of algebraic processes with an emphasis on applications in welding. Topics covered include, but are not limited to: quadratic equations, functions, and mathematical models. This course may not be used as a prerequisite for any transfer level course. Prerequisite: MATH 72D and MATH 53A with a minimum grade of C

Day 10789 MW 9:30 -10:35 607 PETERSON 06/10 08/01 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 10790 MW 2:00 - 3:05 607 PETERSON 06/10 08/01 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

MATH 55 INTERMEDIATE ALGEBRA FOR STEM

5.0 Units

Intermediate algebra concepts, in the service of Science, Technology, Engineering and Math (STEM) and Business fields, will be explored in this course including: An introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities rational expressions, functions and equations; radical expressions, functions and equations; rational exponents; complex numbers; quadratic functions and equations; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; and systems of equations and inequalities. Multiple representations, applications and modeling with functions are emphasized

throughout. Prerequisite: MATH 110 or MATH 110B with a minimum grade of C. May not receive credit if MATH 55B has been completed.

Day 10635 MW 9:30 -12:35 607 PETERSON 06/10 08/01 OP X01

Lab TTh 9:30 -10:20 607 06/10 08/01 OP

TTh 10:30 -12:35 607 06/10 08/01 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website [http:// www.laspositascollege.edu/mathemporium](http://www.laspositascollege.edu/mathemporium)

Day 10636 MW 2:00 - 5:05 607 PETERSON 06/10 08/01 OP X02

TTh 3:00 - 5:05 607 06/10 08/01 OP

Lab TTh 2:00 - 2:50 607 06/10 08/01 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website [http:// www.laspositascollege.edu/mathemporium](http://www.laspositascollege.edu/mathemporium)

Eve 10008 MW 6:30 - 8:35 1004 WARDAK 06/10 08/01 OP 093

Lab MW 8:45 - 9:35 1004 06/10 08/01 OP

TTh 6:30 - 9:35 1004 06/10 08/01 OP

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. There is a required lab hour attached to this course. Students must complete their TBA lab hour requirement and work on TBA lab hour assignments at the scheduled time.

Web 10111 TTh 4:00 - 6:15 1004 BLUMENFELD 06/10 08/01 OP HD1

By Arr 9.0 Hrs/Wk ONLINE 06/10 08/01 OP

MATH 55-HD1 is a hybrid course. This class meets on campus every Tuesday and Thursday from 4:00pm to 6:15 pm in Room 1004. For more information see, the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> . A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be fees associated with these materials. Consult with the instructor or bookstore before registering for this course. There is a required TBA (to be arranged) lab hour attached to this course. Students must complete their TBA lab hour requirement and work on TBA lab hour assignments. For hybrid/distance education sections, the TBA lab hour may be completed online or in the classroom (check with Instructor).

Concepts covered in the second half of Intermediate Algebra, concepts, in the service of Science Technology, Engineering and MATH (STEM) fields will be explored in this course including: an introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; rational exponents; complex numbers; quadratic functions and equations; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; systems of equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout. Prerequisite: MATH 55A with a minimum grade of C Corequisite: MATH 55F May not receive credit if Mathematics 55 has been completed.

Day 10360 MW 9:30 -11:05 607 PETERSON 06/10 08/01 OP X01
 TTh 10:30 -11:20 607 06/10 08/01 OP
 Lab TTh 9:30 -10:20 607 06/10 08/01 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/MathEmporium>

Day 10674 MW 2:00 - 3:35 607 PETERSON 06/10 08/01 OP X02
 TTh 3:00 - 3:50 607 06/10 08/01 OP
 Lab TTh 2:00 - 2:50 607 06/10 08/01 OP

Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/MathEmporium>

MATH 55F INTER.ALGEBRA B CO-REQ SUPPORT

2.5 Units

This credit course is a co-requisite for Intermediate Algebra B, the second half of Intermediate Algebra. This course is only available when taken concurrently with an intermediate Algebra B course in the Emporium mode. This course will support students in achieving Intermediate Algebra B learning goals by providing support around mastering the necessary arithmetic, algebraic and geometric concepts that are relevant to their Intermediate Algebra B course. This course will provide study strategies that promote understanding and improve performance, more in-depth investigation of core concepts that are difficult for students to master, and learning skills. Prerequisite: MATH 55A with a minimum grade of C Corequisite: MATH 55B

Day 10793 MW 11:10 -12:35 607 PETERSON 06/10 08/01 P/N X01
TTh 11:25 -12:35 607 06/10 08/01 P/N

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. This course has a corequisite of MATH 55B.

Day 10794 MW 3:40 - 5:05 607 PETERSON 06/10 08/01 P/N X02
TTh 3:55 - 5:05 607 06/10 08/01 P/N

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. This course has a corequisite of MATH 55B.

MATH 72A TECH ELEMENTARY ALGEBRA A 1.0 Units

This course provides a survey of computational and elementary algebraic processes with an emphasis on applications in the automotive and welding trades. Topics covered include, but are not limited to: computations with real numbers, ratios, and proportions. This course cannot be used as a prerequisite for Math 50 Core Intermediate Algebra or Math 55 Intermediate Algebra.

Day 10795 MW 9:30 -10:35 607 PETERSON 06/10 08/01 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 10796 MW 2:00 - 3:05 607 PETERSON 06/10 08/01 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

MATH 72B TECH. ELEMENTARY ALGEBRA B 1.0 Units

This course provides a survey of computational and elementary algebraic processes with an emphasis on applications in the automotive and welding trades. Topics covered include, but are not limited to: linear equations, the rectangular coordinate system, and linear equations in two variables. This course cannot be used as a prerequisite for Math 50 Intermediate Algebra. Prerequisite: MATH 72A with a minimum grade of C

Day 10797 MW 9:30 -10:35 607 PETERSON 06/10 08/01 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 10798 MW 2:00 - 3:05 607 PETERSON 06/10 08/01 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

MATH 72C TECH. ELEMENTARY ALGEBRA C

1.0 Units

This course provides a survey of computational and elementary algebraic processes with an emphasis on applications in the automotive and welding trades. Topics covered include, but are not limited to: percentages and measurement. This course cannot be used as a prerequisite for Math 50 Core Intermediate Algebra or Math 55 Intermediate Algebra. Prerequisite: MATH 72A or MATH 72B with a minimum grade of C

Day 10799 MW 9:30 -10:35 607 PETERSON 06/10 08/01 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 10800 MW 2:00 - 3:05 607 PETERSON 06/10 08/01 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

MATH 72D TECH. ELEMENTARY ALGEBRA D

1.0 Units

This course provides a survey of computational and elementary algebraic processes with an emphasis on applications in the automotive and welding trades. Topics covered include, but are not limited to: the rectangular coordinate system, linear equations in two variables, and systems of linear equations. This course cannot be used as a prerequisite for Math 50 Core Intermediate Algebra or Math 55 Intermediate Algebra. Prerequisite: MATH 72B and MATH 72C with a minimum grade of C

Day 10801 MW 9:30 -10:35 607 PETERSON 06/10 08/01 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 10802 MW 2:00 - 3:05 607 PETERSON 06/10 08/01 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

MATH 107 PRE-ALGEBRA

4.0 Units

This course is intended to serve as a bridge between arithmetic and Elementary Algebra. It includes a review of arithmetic, operations involving signed integers, fractions and decimals, variables and variable expressions, simple linear equations and their graphs, percent and proportion, introduction to statistics, geometry and measurement, and application problems.

Day 10647 MW 9:30 -12:20 607 PETERSON 06/10 08/01 OP X01

Lab TTh 9:30 -12:20 607 06/10 08/01 OP

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics

Department website <http://www.laspositascollege.edu/MathEmporium>

Day 10648 MW 2:00 - 4:50 607 PETERSON 06/10 08/01 OP X02

Lab TTh 2:00 - 4:50 607 06/10 08/01 OP

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/MathEmporium>

MATH 107B PRE-ALGEBRA B

2.0 Units

This course is intended to serve as a bridge between arithmetic and Elementary Algebra. It includes a review of concepts covered in the second half of Mathematics 107 Pre-Algebra, including: decimals, graphs of simple linear equations, percent and proportion, introduction to statistics, geometry and measurement, and application problems. Prerequisite: MATH 107A with a minimum grade of C Corequisite: MATH 107F May not receive credit if Mathematics 107 or 107Y has been completed.

Day 10650 MW 9:30 -10:50 607 PETERSON 06/10 08/01 OP X01
Lab TTh 9:30 -10:50 607 06/10 08/01 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/MathEmporium>

Day 10364 MW 2:00 - 3:20 607 PETERSON 06/10 08/01 OP X02
Lab TTh 2:00 - 3:20 607 06/10 08/01 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/MathEmporium>

MATH 107F PRE-ALGEBRA B CO-REQ SUPPORT

2.0 Units

This credit course is a co-requisite for Pre-Algebra B, the second half of Pre-Algebra. This course will support students in achieving Pre-Algebra B learning goals by providing support around mastering the necessary arithmetic, algebraic and geometric concepts that are relevant to their PreAlgebra B course. This course will provide study strategies that promote understanding and improve performance, more in-depth investigation of core concepts that are difficult for students to master, and learning skills. Prerequisite: MATH 107A with a minimum grade of C Corequisite: MATH 107B

Day 10803 MTWTh 10:55 -12:10 607 PETERSON 06/10 08/01 P/N X01

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. This course has a corequisite of MATH 107B.

Day 10804 MTWTh 3:25 - 4:40 607 PETERSON 06/10 08/01 P/N X02

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. This course has a corequisite of MATH 107B.

MATH 110 ELEMENTARY ALGEBRA

4.0 Units

Elementary algebra concepts, including: real numbers and their properties; algebraic expressions; integer exponents; operations with polynomial expressions; operations with polynomial expressions; linear and quadratic equations; linear inequalities and set notation; graphs of linear equations and inequalities; slope; systems of linear equations and inequalities; and modeling with linear and quadratic equations. May not receive credit if Mathematics 65B has been completed. Prerequisite: MATH 107 or MATH 107B with a minimum grade of C

Day 10805 MW 9:30 -12:30 607 PETERSON 06/10 08/01 OP X01
TTh 10:30 -12:00 607 06/10 08/01 OP
Lab TTh 9:30 -10:20 607 06/10 08/01 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website [http:// www.laspositascollege.edu/mathemporium](http://www.laspositascollege.edu/mathemporium)

Day 10806 MW 2:00 - 5:00 607 PETERSON 06/10 08/01 OP X02
TTh 3:00 - 4:30 607 06/10 08/01 OP
Lab TTh 2:00 - 2:50 607 06/10 08/01 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website [http:// www.laspositascollege.edu/mathemporium](http://www.laspositascollege.edu/mathemporium)

MATH 110B ELEMENTARY ALGEBRA B

2.0 Units

Concepts covered in the second half of Elementary Algebra, including: real numbers and their properties; algebraic expressions; integer exponents; operations quadratic equations; linear inequalities and set notation; graphs of linear equations and inequalities; slope; systems of linear equations and inequalities; and modeling with linear and quadratic equations. May not receive credit if MATH 65 or 65B have been completed. Prerequisite: MATH 110A with a minimum grade of C Corequisite: MATH 110F

Day 10807 MW 9:30 -10:50 607 PETERSON 06/10 08/01 OP X01
TTh 10:30 -11:20 607 06/10 08/01 OP
Lab TTh 9:30 -10:20 607 06/10 08/01 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website [http:// www.laspositascollege.edu/mathemporium](http://www.laspositascollege.edu/mathemporium)

Day 10808 MW 2:00 - 3:20 607 PETERSON 06/10 08/01 OP X02
TTh 3:00 - 3:50 607 06/10 08/01 OP
Lab TTh 2:00 - 2:50 607 06/10 08/01 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website [http:// www.laspositascollege.edu/mathemporium](http://www.laspositascollege.edu/mathemporium)

MATH 110F ELEM. ALGEBRA B COREQ SUPPORT 2.0 Units

This credit course is a co-requisite for Elementary Algebra B, the second half of Elementary Algebra. This course is only available through corequisite enrollment with an Elementary Algebra B course taken in the Emporium mode. This course will support students in achieving Elementary Algebra B learning goals by providing support around mastering the necessary arithmetic, algebraic and geometric concepts that are relevant to their Elementary Algebra B course. This course will provide study strategies that promote understanding and improve performance, more in-depth investigation of core concepts that are difficult for students to master, and learning skills. Prerequisite: MATH 110A with a minimum grade of C Corequisite: MATH 110B

Day 10809 MW 11:00 -12:20 607 PETERSON 06/10 08/01 P/N X01
TTh 11:30 -12:20 607 06/10 08/01 P/N

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. This course has a corequisite of MATH 110B

Day 10810 MW 3:30 - 4:50 607 PETERSON 06/10 08/01 P/N X02
TTh 4:00 - 4:50 607 06/10 08/01 P/N

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. This course has a corequisite of MATH 110B

*****MUSIC LPC

MUS 4 JAZZ IN AMERICAN CULTURE 3.0 Units

History, trends, and influences of the phenomenon of jazz through integration of the cultures of (but not limited to) African-American, European-American and the Latin-American communities. Required listening, reading and concert

attendance will guide the student to value jazz as a form of self-expression and improve the ability to listen and understand the various eras in jazz from pre-Dixieland to present day.

Day 10351 MTWTh 9:00 -11:25 4138 BROWNE ROSE05/28 07/01 GR V01

MUS 5 AMERICAN CULTURES IN MUSIC 3.0 Units

Music in twentieth century United States through the study of contributions of three selected groups from the following: African-Americans, Latin-Americans, Asian-Americans, European-Americans, and Native Americans. Emphasis on understanding diverse styles, and on integrating these styles into American music. Concert, religious, and folk-pop music will be included.

Day 10653 MTWTh 10:30 -12:55 4138 DEVINE 07/02 08/01 OP V01
Web 10395 By Arr 6.7 Hrs/Wk ONLINE MARSCHAK 06/10 08/01 OP DE1
MUS 5-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

MUS 6 BASIC MUSIC SKILLS 2.0 Units

Essentials of music through notation, time elements, melody, harmony, and tonality, texture, dynamics and knowledge of the keyboard. Sight singing and ear training.

Day 10654 MTW 11:30 - 1:30 4138 BROWNE ROSE05/28 07/01 OP V01

*****NUTRITION

NUTR 1 NUTRITION 3.0 Units

The basic science of nutrition including the nutrients, their functions, sources and recommended intakes. Nutritional assessment and the role of nutrition in the maintenance of health. For students majoring in the science and/or health fields. Strongly Recommended: CHEM 30A and MATH 110
Web 10266 By Arr 9.0 Hrs/Wk ONLINE VERNOGA 06/17 07/25 GR DE1
NUTR 1-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 10354 By Arr 9.0 Hrs/Wk ONLINE VERNOGA 06/17 07/25 GR DE2
NUTR 1-DE2 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

*****PHILOSOPHY

PHIL 1 GOD, NATURE, HUMAN NATURE 3.0 Units

An exploration of the nature and range of philosophical inquiry in relation to everyday problems of humans as individuals, as citizens, as physical creatures, and as creators of spiritual and artistic works. Philosophical texts are analyzed with special attention given to the development of skills in analysis and argumentation. NOTE: Philosophy 2 and 4 are also introductory courses and may be taken before Philosophy 1 if a more detailed examination of ethical problems, the theory of knowledge, or political philosophy is desired.

Strongly Recommended: Eligibility for ENG 1A

Web 10041 By Arr 9.0 Hrs/Wk ONLINE ALVAREZ 06/17 07/25 GR DE1
PHIL 1-DE1 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

PHIL 2 ETHICS 3.0 Units

This course covers the concepts of morality, values and influential ethical theories. Students taking this course will be required to use philosophical methods to evaluate these theories for themselves and show how these theories can apply to everyday ethical questions. Strongly Recommended: Eligibility for ENG 1A

Day 10755 TTh 1:00 - 5:40 2450 TROXA 06/17 07/25 GR V01
Web 10492 By Arr 6.7 Hrs/Wk ONLINE ALVAREZ 06/10 08/01 GR DE1
PHIL 1-DE2 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

*****PHOTOGRAPHY LPC

PHTO 50 INTRODUCTION TO PHOTOGRAPHY 3.0 Units

Introduction to the history and development of photography, basic processes, various types of cameras, materials, basic shooting, processing developing, and printing of photographs.

Day 10570 Tue 1:00 - 5:15 713 HORVATH 06/10 08/01 OP V01
Lab Wed 1:00 - 5:15 703 06/10 08/01 OP
Lab Th 1:00 - 5:15 703 06/10 08/01 OP

PHTO 51A INDIVIDUAL PROJECTS A 2.0 Units

Individual projects in digital or film-based photography at the intermediate to advanced level. Development of knowledge and skills acquired in previous or current photography work with emphasis on current projects. Strongly Recommended: PHTO 50 or PHTO 56 with a minimum grade of C

Eve 10756 Tue 6:00 - 6:50 713 ANAYA 06/10 08/01 OP 093
Lab Tue 7:00 - 9:30 703 06/10 08/01 OP
Lab Th 6:00 - 9:30 703 06/10 08/01 OP

PHTO 67 HISTORY OF PHOTOGRAPHY 3.0 Units

A broad chronological survey of photography from its invention to the present. Considers the medium's dual role as technology and art, addresses a multiplicity of photographic themes and purposes, and considers the intersections of photography and technology, history, art, and everyday life.

Day 10671 TTh 9:00 -12:10 1051 HORVATH 06/10 08/01 GR V01

*****POLITICAL SCIENCE LPC

POLI 7 INTRO TO AMERICAN GOVERNMENT 4.0 Units

Introduction to the principles, problems and basic issues of government with particular emphasis on the national government in the United States, including discussion of the American Constitution, and California state and local government. Strongly Recommended: Eligibility for ENG 1A

Day 10015 MTWTh 12:00 - 2:50 1056 BLAIR 06/17 07/25 OP V01
Web 10039 By Arr 9.0 Hrs/Wk ONLINE GOUVEIA 06/10 08/01 OP DE1
POLI 7-DE1 is an online course. For more information, see the section titled

"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>
Web 10397 By Arr 9.0 Hrs/Wk ONLINE HERTZ 06/10 08/01 OP DE2
POLI 7-DE2 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

*****PSYCHOLOGY COUNSELING LPC

PCN 13 MULTICULTURAL ISSUES: AMERICA 3.0 Units

Exploration of issues relating to the multicultural community in which we live today. Interpersonal relations and communication. Focus on improving individuals understanding of other cultures and how those cultures impact the American lifestyle. Includes exploration of myths and misunderstandings. Discussion of four specific cultures or sub-cultures from the following groups: 1) African-American, 2) Asian-American, 3) Hispanic-American, 4) Native-American, 5) Middle Eastern-American, 6) European-American, 7) Gay/Lesbian American, 8) Disabled American.

Day 10695 MTWTh 10:30 -12:35 1641 GECOX 06/17 07/25 OP V01
Web 10781 By Arr 6.7 Hrs/Wk ONLINE LIRA 06/10 08/01 OP DE1
PCN 13-DE1 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

PCN 18 UNIVERSITY TRANSFER PLANNING 1.0 Units

Introduction to the resources and planning process needed to ease transition from community college to a four-year college or university. Development of a transfer action plan. Preparation for major and general education requirements. Application cycles and important deadlines. Recommended for those transferring to four-year colleges or universities.

Web 10764 By Arr 3.6 Hrs/Wk ONLINE SCHWARZ 05/28 07/01 OP DE1
PCN 18-DE1 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>
Web 10696 By Arr 3.6 Hrs/Wk ONLINE SCHWARZ 07/02 08/01 OP DE2
PCN 18-DE2 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

PCN 30 STUDENT SUCCESS:COLLEGE EXP.

3.0 Units

This course explores concepts, knowledge, and skills relevant to college success. Students will engage in critical analysis on a variety of topics, including motivation, decision making, interpersonal communication, multicultural awareness, and learning theory. Problem solving strategies will be applied to areas including goal setting, career development, wellness, and accessing campus resources.

Web 10697 By Arr 6.7 Hrs/Wk ONLINE SCHWARZ 06/10 08/01 OP DE1
PCN 30-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositacollege.edu/onlinelearning>

Web 10765 By Arr 6.7 Hrs/Wk ONLINE CALDERON 06/10 08/01 OP DE2
PCN 30-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositacollege.edu/onlinelearning>

*****PSYCHOLOGY LPC

PSYC 1 GENERAL PSYCHOLOGY

3.0 Units

Introduces students to the scientific study of behavior and mental processes. Provides an overview of major psychological concepts and theories in such areas as consciousness, learning, memory, motivation, perception, personality, stress, and social behavior. Strongly Recommended: Eligibility for ENG 1A with a minimum grade of C

Day 10267 MTWTh 3:30 - 5:35 2470 HARTMAN 06/17 07/25 OP V01

Day 10004 MTWTh 10:30 -12:35 2470 LIGNELL 06/17 07/25 OP V02

Web 10211 By Arr 9.0 Hrs/Wk ONLINE ROY 06/17 07/25 OP DE1
PSYC 1-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositacollege.edu/onlinelearning>

Web 10212 By Arr 9.0 Hrs/Wk ONLINE TURNER-AUGU06/17 07/25 OP DE2
PSYC 1-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositacollege.edu/onlinelearning>

Web 10213 By Arr 9.0 Hrs/Wk ONLINE RUYS 06/17 07/25 OP DE3
PSYC 1-DE3 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositacollege.edu/onlinelearning>

Web 10352 By Arr 9.0 Hrs/Wk ONLINE RUYS 06/17 07/25 OP DE4

PSYC 1-DE4 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

PSYC 3 INTRO. TO SOCIAL PSYCHOLOGY 3.0 Units

This course will introduce theories and concepts that explain individual behavior in social settings. The topics include research methods, social perception, social cognition, beliefs, prejudice/discrimination, interpersonal relationships, aggression, and group behavior. Strongly Recommended: PSYC 1 with a minimum grade of C

Web 10547 By Arr 9.0 Hrs/Wk ONLINE ROY 06/17 07/25 OP DE1
PSYC 3-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

PSYC 4 BRAIN, MIND, AND BEHAVIOR 3.0 Units

Introduction to the field of biopsychology. The biopsychology of cognitive, perceptual, emotional, developmental, and social processes. Includes the biopsychology of personality, gender, emotions, learning, learning disabilities, drugs, neurological and developmental disorders, and mental health. Examination of information and theory for practical application. Prerequisite: PSYC 1 with a minimum grade of C

Web 10414 By Arr 9.0 Hrs/Wk ONLINE BUNDY 06/17 07/25 OP DE1
PSYC 4-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule or go to <http://www.laspositascollege.edu/onlinelearning> Prerequisite: PSYC 1

PSYC 6 ABNORMAL PSYCHOLOGY 3.0 Units

An introduction to mental health and the major mental health disorders in adults and children; includes anxiety, mood, personality, sexual, and psychotic disorders. The course will include the study of the major psychological, biological, and sociocultural models of mental health disorders and their treatment.

Web 10568 By Arr 9.0 Hrs/Wk ONLINE TURNER-AUGU06/17 07/25 OP DE1
PSYC 6-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

PSYC 12 LIFE-SPAN PSYCHOLOGY 3.0 Units

Introduction to the psychological, physiological, and socio-cultural factors influencing development from conception through death. Emphasis on the process of normal development and its variations. Examination of theoretical models and research for practical application.

Web 10353 By Arr 9.0 Hrs/Wk ONLINE BUNDY 06/17 07/25 OP DE1
PSYC 12-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

Web 10425 By Arr 9.0 Hrs/Wk ONLINE ONEAL 06/17 07/25 OP DE2
PSYC 12-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

*****RELIGIOUS STUDIES

RELS 1 RELIGIONS OF THE WORLD 3.0 Units

Introduction to religion by examining several religions; basic principles of each shown by fundamental scriptures and works in the visual and musical arts.

Web 10013 By Arr 9.0 Hrs/Wk ONLINE TOMLINSON 06/17 07/25 OP DE1
RELS 1-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

Web 10493 By Arr 9.0 Hrs/Wk ONLINE TOMLINSON 06/17 07/25 OP DE2
RELS 1-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to
<http://www.laspositascollege.edu/onlinelearning>

*****SOCIOLOGY LPC

SOC 1 PRINCIPLES OF SOCIOLOGY 3.0 Units

The sociological perspective: scientific study of human interaction and society as a whole with emphasis on the impact of groups on social behavior, systematic examination of culture, social organization, and methodology.

Web 10010 By Arr 9.0 Hrs/Wk ONLINE THOMPSON 06/17 07/25 GR DE1
SOC 1-DE1 is an online course. For more information, go to

<http://www.laspositascollege.edu/onlinelearning>

Web 10067 By Arr 9.0 Hrs/Wk ONLINE THOMPSON 06/17 07/25 GR DE2
SOC 1-DE2 is an online course. For more information, go to

<http://www.laspositascollege.edu/onlinelearning>

Web 10035 By Arr 9.0 Hrs/Wk ONLINE THOMPSON 06/17 07/25 GR DE3
SOC 1-DE3 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 10921 By Arr 9.0 Hrs/Wk ONLINE BAUER 06/17 07/25 GR DE4
SOC 1-DE4 is an online course. For more information, go to

<http://www.laspositascollege.edu/onlinelearning>

SOC 3 CULTURAL AND RACIAL MINORITIES 3.0 Units

Racial and ethnic relations in the United States. Examines the cultural, political, and economic practices and institutions that support or challenge racism, racial and ethnic inequalities, as well as patterns of interaction between various racial and ethnic groups. Strongly Recommended: SOC 1 with a minimum grade of C

Web 10398 By Arr 9.0 Hrs/Wk ONLINE HIROSE 06/17 07/25 OP DE1
SOC 3-DE1 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 10494 By Arr 9.0 Hrs/Wk ONLINE HIROSE 06/17 07/25 OP DE2
SOC 3-DE2 is an online course. For more information, see the section titled
"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

*****SPANISH LPC

SPAN 1A BEGINNING SPANISH 5.0 Units

This introductory level course offers a balanced approach to language and culture. It will enable students to begin speaking, reading and writing elementary level Spanish as well as understanding the spoken language as they explore the culture and countries of the Spanish-speaking world. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts. Strongly Recommended: ENG 1A with a minimum grade of C

Day 10024 MTWTh 9:00 -11:35 1052 NEVAREZ 06/10 08/01 OP V01

*****THEATER ARTS LPC

THEA 50 STAGECRAFT

3.0 Units

An introduction to technical theatre and the creation of scenic elements. Includes basic concepts of design, painting techniques, set construction, set movement, prop construction, backstage organization, and career possibilities. May include stage management, lighting, and/or sound techniques. Lecture, reading, projects, and practical experience.

Day 10561 MW 9:00 -12:00 4125 KELLY 05/28 07/01 GR V01
Lab MW 12:20 - 2:00 4125 05/28 07/01 GR
Lab By Arr 5.2 Hrs/Wk 4125 05/28 07/01 GR

*****VITICULTURE AND WINERY TECH

VWT 33 SUMMER VITICULTURE OPERATIONS

1.0 Units

This course covers vineyard practices for the summer session. The class will manage the Las Positas College Campus Hill vineyard, with an emphasis on the practical applications of viticulture theory including vine training, canopy management, assessment of insect and disease problems specific to the appellation, irrigation applications relating to soil and leaf moisture and crop estimation. Strongly Recommended: VWT 10 with a minimum grade of C

Eve 10672 Wed 5:00 - 5:50 1814 EVERETT 06/10 08/01 OP 093
Lab Wed 6:00 - 9:10 1814 06/10 08/01 OP

*****WELDING TECHNOLOGY LPC

WLDT 1 WELDING CAMP

1.0 Units

This course is designed to introduce the basics of shop safety, hand tools and welding. Fabrication of simple metal projects. Emphasis on practical uses and applications.

Day 10678 MTWTh 8:00 -10:05 810 MINER 06/10 06/20 P/N V01
Lab MTWTh 10:15 - 1:45 810 06/10 06/20 P/N
WLDT 1-V01 meets 8 consecutive days (June 10-June 20)

WLDT 70 INTRODUCTION TO WELDING

2.0 Units

Basic skills in Shielded Metal Arc (SMAW), Gas Tungsten Arc (GTAW), Gas Metal Arc (GTAW) and Flux Core Arc (FCAW) welding. Oxy-fuel welding and thermal cutting. Emphasis on safety, proper usage, theory and care of welding equipment.

Eve 10862 TWR 6:00 - 6:50 1602 MINER 06/11 07/16 OP 093
Lab TWR 7:00 - 9:50 810 06/11 07/16 OP

*****WORK EXPERIENCE LPC

WRKX 94 OCCUPATIONAL WORK EXP/INTERN.

1.0 Units

This course of supervised employment provides students with the opportunity to earn college credit for developing marketable skills while working in their major field of study. Students working in a part-time or full-time, paid or unpaid internship or position related to their major field of study will contract, in collaboration with their work supervisor and instructor, to set measurable, achievable goals; accomplish new or expanded learning objectives; and broaden work skills and experiences. Students will apply discipline-specific knowledge, skills, and abilities gained in the classroom. Students can earn .5 to 8 units per semester for a maximum of 16 units of Cooperative Work Experience, which includes General Work Experience and Occupational Work Experience/Internship. Students must work 75 paid hours or 60 unpaid hours per unit earned during the semester.

Day 10864 By Arr 1.0 Hrs/Wk tba LAUFFER 06/10 08/01 OP V01

WRKX 94 is a course that requires internet access. There is one on campus meeting on Wednesday, June 12, 6:00-8:00PM in Room 2460. Students must already have employment or unpaid work. Units earned are based on hours worked during the semester. Students must work 75 hours paid or 60 hours unpaid for each unit.

Day 10865 By Arr 2.0 Hrs/Wk tba LAUFFER 06/10 08/01 OP V02

WRKX 94 is a course that requires internet access. There is one on campus meeting on Wednesday, June 12, 6:00-8:00PM in Room 2460. Students must already have employment or unpaid work. Units earned are based on hours worked during the semester. Students must work 75 hours paid or 60 hours unpaid for each unit.

Day 10866 By Arr 3.0 Hrs/Wk tba LAUFFER 06/10 08/01 OP V03

WRKX 94 is a course that requires internet access. There is one on campus meeting on Wednesday, June 12, 6:00-8:00PM in Room 2460. Students must already

have employment or unpaid work. Units earned are based on hours worked during the semester. Students must work 75 hours paid or 60 hours unpaid for each unit.

Day 10869 By Arr 4.0 Hrs/Wk tba LAUFFER 06/10 08/01 OP V04
WRKX 94 is a course that requires internet access. There is one on campus meeting on Wednesday, June 12, 6:00-8:00PM in Room 2460. Students must already have employment or unpaid work. Units earned are based on hours worked during the semester. Students must work 75 hours paid or 60 hours unpaid for each unit.

Day 10870 By Arr 5.0 Hrs/Wk tba LAUFFER 06/10 08/01 OP V05
WRKX 94 is a course that requires internet access. There is one on campus meeting on Wednesday, June 12, 6:00-8:00PM in Room 2460. Students must already have employment or unpaid work. Units earned are based on hours worked during the semester. Students must work 75 hours paid or 60 hours unpaid for each unit.

WRKX 95 GENERAL WORK EXPERIENCE 3.0 Units

This course of supervised employment provides students with the opportunity to earn college credit while working and developing desirable work habits, attitudes, and skills. Students working in any part-time or full-time, paid or unpaid position will contract, in collaboration with their work supervisor and instructor, to set measurable, achievable goals; accomplish new or expanded learning objectives; and broaden work skills and experiences. The work experience need not be related to the students' educational goals. Students can earn .5 to 6 units per semester for a maximum of 16 units of Cooperative Work Experience, which includes General Work Experience and Occupational Work Experience/Internship. Students must work 75 paid hours or 60 unpaid hours per unit earned during the semester.

Day 10718 By Arr 3.0 Hrs/Wk tba LAUFFER 06/10 08/01 GR V03
WRKX 95 is a course that requires internet access. There is one on campus meeting on Tuesday, June 11, 6:00-8:00PM in Room 1726. Students must already have employment or unpaid work. Units earned are based on hours worked during the semester. Students must work 75 hours paid or 60 hours unpaid for each unit.

Day 10867 By Arr 4.0 Hrs/Wk tba LAUFFER 06/10 08/01 OP V04
WRKX 95 is a course that requires internet access. There is one on campus meeting on Tuesday, June 11, 6:00-8:00PM in Room 1726. Students must already have employment or unpaid work. Units earned are based on hours worked during the semester. Students must work 75 hours paid or 60 hours unpaid for each unit.

Day 10868 By Arr 5.0 Hrs/Wk tba LAUFFER 06/10 08/01 OP V05
WRKX 95 is a course that requires internet access. There is one on campus

meeting on Tuesday, June 11, 6:00-8:00PM in Room 1726. Students must already have employment or unpaid work. Units earned are based on hours worked during the semester. Students must work 75 hours paid or 60 hours unpaid for each unit.

Web 10487 By Arr 1.0 Hrs/Wk tba LAUFFER 06/10 08/01 GR V01

WRKX 95 is a course that requires internet access. There is one on campus meeting on Tuesday, June 11, 6:00-8:00PM in Room 1726. Students must already have employment or unpaid work. Units earned are based on hours worked during the semester. Students must work 75 hours paid or 60 hours unpaid for each unit.

Web 10714 By Arr 2.0 Hrs/Wk tba LAUFFER 06/10 08/01 GR V02

WRKX 95 is a course that requires internet access. There is one on campus meeting on Tuesday, June 11, 6:00-8:00PM in Room 1726. Students must already have employment or unpaid work. Units earned are based on hours worked during the semester. Students must work 75 hours paid or 60 hours unpaid for each unit.

10930 By Arr 6.0 Hrs/Wk tba LAUFFER 06/10 08/01 OP V06

WRKX 95 is a course that requires internet access. There is one on campus meeting on Tuesday, June 11, 6:00-8:00PM in Room 1726. Students must already have employment or unpaid work. Units earned are based on hours worked during the semester. Students must work 75 hours paid or 60 hours unpaid for each unit.