



Orange Unified School District **Career Pathway Electives**



Agriculture and Natural Resources

Careers/Career Areas

Landscape Managers Economists Ag Marketing Sales Farm Realty Banking Appraisers Aquaculture
Floral Shop Owners Timber Managers Fisheries Managers Farm Managers Accounting Crop Farmers
Irrigation Managers Product Brokers/Buyers Agricultural Lending Officers Equipment Fabricators Land Leveling
Irrigation Engineers Equipment Operators Welding/Metal Fabrication Power System Mechanics Ag Chemicals
Irrigation System Designers Precision Farming Technicians Trouble Shooting Enology Waste Water Specialists
Plant Propagation Plant/Animal Genetics Agriculture Pest Management Hydraulic Engineers Food Processing
Production Management Biotechnology Animal Breeding Artificial Insemination Fishing Fish Farming
Cattle Ranching Horseshoeing Pack Station Poultry Farming Meat Inspectors Animal Nutritionists
Zoo and Veterinary Work and Management Animal Trainers Park Rangers Ski Resort Managers Firefighters
Surveyors Logging Range/Timber Managers Hydrologists Campground Managers Ecologists Guides
Grounds Workers Environmental Engineers Forest Resources Technologists Floriculture Landscape Design
Tree Trimming Entomologists Plant Curators Floral Designers Nursery Production Greenhouse Work
Landscaping and Grounds Keeping Golf Course and Park Management Plant and Turf Propagation and Sales
Retail Nursery Work Soil Conservation Plant Biologists Horticulturists Entomology Irrigation Soil Nutrition
Turf Grass Production Viticulture Pest Control Advisors Botanists Ag Field Representatives Orchardists



OUSD Course Offerings



Animal Care

O700

This course provides students with classroom instruction in the animal care field. Essential employability skills include career opportunities in the animal care field, plus personal and interpersonal skills, career development and employment literacy. The course includes content area instruction in: animal handling and restraint, medical/scientific terminology, immunology/physiology, sanitation, safety, nutrition/health, domestic/exotic breeds and species, genetics, cellular biology, animal behavior, conservation/ecology, evolution and animal traits, scientific theory and general animal husbandry. Course meets California science standards and high school students may use this class towards graduation credit.



Agricultural Science

G700

Agriculture Science is offered to first year agriculture students who are interested in agriculture and possibly studying agriculture in a college or university. It has been designed to provide students with a unique perspective of agriculture and its impact on American society. It also provides students with critical thinking and leadership development skills via the Future Farmers of America (FFA), as well as foundation skills and knowledge in the seven program areas of agriculture. The Agriculture Science course is designed to be both academically challenging and demanding. Students will be expected to not only acquire knowledge, but also to organize, analyze, evaluate, predict, problem solve, and apply this knowledge. The student must be able to work collaboratively.



Agricultural Biology

G705

Agricultural Biology is a laboratory science course designed for the college-bound student. The course emphasizes detailed knowledge of the biological principles of molecular and cellular aspects of living things, structure and function of agricultural plants and animals, genetics, physiology, plant and animal diversity and principles of classification, ecological relationships, and animal behavior.



Agricultural Projects

G704

Students enrolled in this course will be involved in the Supervised Agriculture Experience Project (SAEP) and Future Farmers of America (FFA) Leadership. Students will concentrate on the development of

agricultural projects, record keeping (both paper book and electronic record book), leadership, judging contests, and field days. Students will have full advantage of opportunities for awards and scholarships through FFA and other affiliations offering awards. Participation in the Orange County Fair, contests, Farm Fest and other FFA leadership projects will be included.



Veterinary Science

O703

Students will acquire an understanding of advanced animal principles. The combination of science projects, lab experience and academic research enables students to become knowledgeable in the field of veterinary science. This course prepares students for post-secondary level education, leading to careers in animal science, biology, zoology, and/or veterinary science.

OUSD Courses written but not active

Animal Care Occupations (O699)

Animal Care II (O701)

Floral Design (O702)

Floral Design Advanced (O705)



Arts, Media and Entertainment

Careers/Career Areas

Graphic Designers Lighting Technicians Film Loaders Publicity Directors Cutters/Fitters/Seamstress

Fine Artists Media and Design Arts Technicians Photographers Special Effects Coordinators

Videographers Camera Operators Animators Sound Technicians Make-Up Artists Sign Painters

Actors Announcers Radio/Television Broadcasters Music Directors/Conductors Dancers

Voice-Over Artists Fashion Models Entertainers Musicians Film Composers Stunt Doubles

Composers Choreographers Production Managers Stage Managers Costume Designers

Set Designers Publishers Entertainment and Web Site Technicians Performance Tour Managers

Camera Operators Sound Engineers Producers Sound Design Editors Visual Effects Coordinators



OUSD Course Offerings



Art

I (A701), II (A703), III (A710), IV (A712)

Art is a yearlong lecture and lab course in which the student will explore drawing and painting as a creative and expressive endeavor. Students will create original works of art using a variety of materials and artistic techniques. Students will learn the vocabulary of the visual arts and apply it to his/her own art work and those of other artists. Students will learn about the historical and cultural aspects of the visual arts as they research and analyze art work. Students will learn about technology in the visual arts, experience connections to the other arts and subjects and study careers in drawing, painting and design. Students will develop a portfolio of art work to be used for assessment, promotion and exhibition and learn skills that apply in Photography, Ceramics, Jewelry, and other areas of art.



AP Studio Art Two Dimension Design Portfolio

A986

Students will prepare a portfolio of original, creative, and technically competent work that addresses the 3 major portions of the AP portfolio: quality, breadth and depth, with an emphasis on proficiency in the use and application of the elements of art and principles of design in a 2-dimensional format. Students will create works of art that develop their intentions, both in concept and execution, and apply a variety of theoretical perspectives to their own art works and the works of others.



AP Studio Art: Drawing Portfolio

A987

Students will prepare a portfolio of original, creative, and technically competent work that addresses the 3 major portions of the AP portfolio: quality, breadth and depth, with an emphasis on proficiency in mark-making as well as the use and application of the elements of art and principles of design. Students will create works of art that develop their intentions, both in concept and execution, and apply a variety of theoretical perspectives to their own art works and the works of others.



Ceramics

I (A720), II (A722)

Ceramics I is a yearlong lecture and lab course in which the student will explore clay as a creative material. Students will explore the medium of clay and the art of ceramics as they create original works of art. Students will apply their knowledge of the elements of art and the principles of design to their own works of art and the works of others. Students will study the historical and cultural aspects of ceramics through research and analysis.



Professional Dance

I (O707), II (O709), III (O706)

Professional Dance is for the student with previous dance experience who would like to explore and prepare for careers in the dance pathway. Students will learn the physical conditioning and preparation needed to prepare for post-secondary education and/or entry employment. Dance technique will be perfected in a variety of disciplines through a traditional dance class format and through showcase performances.



Art of Dance Composition

O715

This course will develop student's ability to translate emotional and dramatic content into personal dance performances of an increasingly complex range of combinations and variations. Students will recognize and enhance their personal movement style and individual creative process in order to develop choreographic phrases. Observation, discussion, and writing skills relevant to interpretation and evaluation of choreography will be refined. Through research, analysis, and demonstration, student will develop a deeper understanding of the history and cultures of dance forms and well known choreography.



Theatre Arts

I (L916), II (L917), III (L918)

Theatre Arts is a collaborative program that enhances communication through script writing, direction, acting, design, and production. Students build their communication skills through participation in acting exercises, theatre games, and scenes from plays. Students will learn basic acting techniques and stage terminology, while developing an appreciation of the theatre, confidence, and self-awareness.



Drama Workshop

L914

Drama Workshop is designed to meet the needs of students earnestly interested in the theater. The course may include one of the following: a dramatic production, a musical theater production or individual theatrical experiences. An overview of various technical and career aspects of theater will be included.



Theatre Technology

I (O708), II (O718)

This course provides instruction and training for students interested in technical theatre. Students that achieve competency in this course will develop skills in stagecraft design and will be prepared for entry-level employment. Entry-level positions include set decorator, set designer and assistant art director. Instruction and hands-on experience includes set construction, design elements, stage management, lighting design, costume design and make-up application.



Career Focus Arts, Media and Entertainment

O727

This course explores various careers in the Arts, Media and Entertainment Industry Sector and prepares the students for entry level jobs in the field. Students learn the requirements and opportunities for post-secondary education and develop a personal career/life plan. Instruction includes an in-depth focus and hands-on practical experiences in the areas of Graphics & Design, Animation, Video/Media, Performing Arts and Production.



Video Game Design

I (O622), II (O620)

This is a course that looks into the growing field of Video Game Design. Students will learn the basic concepts of game design, together with a study of the technologies, tools and languages. Instruction will include hands-on experiences with 2D & 3D modeling and animation.



Art of Digital Photography

O748

This course provides an introduction to the art and appreciation of digital photography. Students will explore the basic elements of composition and the principles of design including light, movement, and color theory. Combining training in camera operation and image editing with artistic theory, students will learn to visually communicate their ideas and creativity.



Photography

I (A760), II (A762)

Students will learn the technical information necessary to develop film, print the negatives into photographs and learn methods of display for their finished work. The use of the camera, various types of film, and darkroom procedures will be taught as a means for the student to create his own unique images. Students will develop a portfolio of photos to be used for assessment, promotion and exhibition.



Art of Animation

I (O945), II (O944), III (O941)

This course is designed to teach students the basics of animation. Students learn how to plot, script, storyboard, present, and create animations using the principles of animation and basic techniques including staging, timing, mechanics and kinetics. Drawing skills, life drawing, storytelling, mechanics of motion and animation camera techniques will be an integral part of the course. The format of classroom instruction will be lecture, demonstration, individual and team-based projects, presentations and hands-on classroom work.



Art of Graphic Design (UC Fine Arts Credit)

I(O942), II (O952)

This course introduces students to the art of graphic design. Students learn about the history and development of this art form, explore cultural influences and examine its role in societies from different parts of the world. Study of the aesthetics of art and graphic design will allow students to develop perception and analysis skills that they can employ to critically examine their own work and the work of others. Students will demonstrate their knowledge of the elements of art and principles of design while developing and refining their creative skills utilizing a variety of media including digital.



Media Technology I / II

X703 / X702

Media Writing and Production, aka TV Production, is a course in which the student will explore the creation, writing, direction, production and evaluation of television programming as a creative and expressive endeavor. Students will create original programming and will learn the vocabulary of the

electronic media as they develop all aspects of programming, and will include the chronological sequence of pre-programming, the program itself, and post-production. Through post-production, learners will come to understand the importance in any discipline of the presence of a rubric prior to production, so that success of the work can be assessed during post production. This emphasis on constant evaluation applies to many disciplines and times beyond the confines of this course.



Production Through Technology

X705

This course is designed to provide students with advanced skills in video production utilizing enhanced technologies. The course will incorporate all aspects of video from pre-production to post-production. Students will produce a comprehensive personal video portfolio of all projects.



Video Production

I (O946), II (O947), III (O948)

This course will provide students with the skills necessary to gain entry-level employment at a cable studio, video production company or to begin working independently as a self-employed videographer. The course will also provide the student with the foundation skills needed to enroll in further television/video production classes. Essential employability skills include personal, interpersonal and communication skills, plus career development and employment literacy.

Music



Concert Band

M710

This course is designed to improve the skills of the second or third year player. There will be opportunities for performance and the study of musical literature and structure will be included. Emphasis will be placed on music reading. Performance is a required part of successful completion of this course.



Symphonic Band

M720

This course is designed to improve the skills of the second or third year advanced player. There will be opportunities for performance, and the study of musical literature and structure will be included along with introduction of technical proficiency. Emphasis will be placed on music reading. Performance is a required part of successful completion of this course.



Jazz Ensemble

M730

This year-long course is designed to improve the skills of the intermediate or advanced level player in the special techniques of the Jazz and popular commercial music idioms. Study of musical literature and structure will be included, with an emphasis on stylistic interpretation and technical proficiency. Many performance opportunities will be presented. Performance is a required part of successful completion of

this course.



String Orchestra

M740

This year-long course is designed to improve the skills of the player of an orchestra stringed instrument. There will be opportunities for performance, and the study of musical literature and structure will be included. Emphasis will be placed on music reading. Performance is a required part of successful completion of this course.



Color Guard

M770

This class emphasizes individual skill development in flag, rifle and saber work in addition to dance through skill exercises combined with performance.



Marching Band

M771

This course will provide a large ensemble setting for students who wish to continue to develop both their own instrumental skill and that of an ensemble member interested in participating in both the Concert Band and Marching Band setting. Students will be required to attend all football games and the required rehearsals before school and evenings.



Band Drum Line

M772

Drum line students learn to become active members in a working and performing drum corps. All students will learn to play and will be expected to demonstrate competency on snare drum, bass drum, cymbals, and smaller instruments of the battery. Grades are based on participation, attendance, practice, and rehearsal technique. Drum line performs at concerts, assemblies, and sporting events throughout the year.



Bass Clef Chorus

M800

Bass Clef Choir is a year-long introductory course designed for male students. Students will explore singing as a creative and expressive endeavor. Students will perform songs using a variety of styles. Students will begin to learn the vocabulary of choral music, singing techniques, and music theory and apply them to performances. They will experience connections to the other arts and subjects and study the types of careers that are available to them through music. Students will start to develop a portfolio for vocal music which will contain information on their personal progress in music theory, history, and

literature.



Treble Clef Chorus

M810

Treble Clef Choir is designed for female students. Students will explore singing as a creative and expressive endeavor. Students will perform songs using a variety of styles. Students will begin to learn the vocabulary of choral music, singing techniques, and music theory and apply them to performances. They will experience connections to the other arts and study the types of careers that are available to them through music. Students will start a portfolio for vocal music which will contain information on their personal progress in music theory, history, and literature.



Concert Choir

Concert Choir is designed for male and female singers who have completed Bass/Treble Clef Chorus and/or Advanced Treble Ensemble and are advanced and experienced and capable of performing various music styles in a mixed choir. This choir is to be the most advanced large mixed choir at the school site. Choreography may be included as part of the experience of this course. Students will explore and perform songs using a variety of styles and many historical periods. Students will continue to build their knowledge of the vocabulary of vocal music, singing techniques, and music theory and apply them to performance. Students will learn how technology has affected music throughout the years and how they can utilize that technology to create their own music. At this level an in-depth study of the types of careers that are available to them through music will take place. Students will continue to develop a portfolio for vocal music which will contain information on their personal progress in music theory, history, and literature. Students will continue to expand their music resume.



Chamber Singers

M840

Chamber Singers is designed for male and female singers who are advanced and experienced and capable of performing music especially appropriate in small ensembles. This choir is designed to be the most advanced small ensemble at the school site. Standards for this class are expected to reach the highest level. Significant choral ensemble music of all periods including madrigals will be studied and performed. Choreography may be included as part of the experience of this course. Students will explore advanced choral literature, and perform music using a variety of styles. Students will continue to learn relevant vocabulary of choral music, singing techniques, and music theory and apply them to performance. Students will apply technology to their music and discover how it has affected music throughout the years. They will utilize that technology to create their own music. Students will complete their portfolio for vocal music. The music portfolio is part of their overall assessment and an important part of the college application process.



Advanced Treble Ensemble

M850

Advanced Treble Ensemble is designed for female students that are intermediate to advanced and experienced singers capable of performing various musical styles in multiple parts. This should be taken

after Treble Chorus or Mixed Chorus and before Concert Choir or Chamber Singers. Students will continue to build their knowledge of vocal music, singing techniques, and music theory and apply them to performance. Choreography may be included as part of the experience of this course. More in-depth study of careers are available to them through music. Students will continue to develop a portfolio for vocal music which will contain information on their personal progress in music theory, history, and literature. Students will provide a music resume, which will be added to the portfolio.

OUSD Courses written but not active

Foundations of Music Theory (M760)
Jewelry I (A750)
Computer Animation I (X713)
Storytelling Through Graphic Novels (A780)
AP Art History (A976)
TV Production (O603)
Introduction to Multimedia (O760)
Introduction to Video Game Design (B860)
Video Game Design II (B861)



Building Trades and Construction

Careers/Career Areas

Iron and Steel Workers Roofers Structural Engineers Building Inspectors
Painters and Paperhangers Brick, Block, and Stone Masons Dry Wall and Ceiling Installers
Plaster and Stucco Specialists Plumbers Electricians Heating Refrigeration Cooling
Piping Specialists Surveying Iron Workers Welding Rough Carpenters
Heavy Equipment Operators Cement Masons Mechanical and Civil Engineers/Technicians
Estimators Millwork Furniture Making Cabinetmaking Rough or Finish Carpentry
CNC Technicians/Engineers Carpenters Floor and Tile Installers Glaziers
Insulation Workers Plumbers Pipefitters Surveyor

OUSD Courses written but not active

- Construction Trades I (O615)
 - Woodwork I (I840)
 - Woodwork II (I841)
 - ROP Welding (O802)
 - Metal Shop I (I830)



Education, Child Development and Family Services

Careers/Career Areas

Infant Caregivers Preschool Teachers Parent Educators Child Psychologists Teacher's Aides
Head Start Teachers After-School Program Supervisors Family Child Care Supervisors Tutors
Adoption or School Counselors Child Protection Social Workers Credit Counselors Consumer Affairs Directors
Financial Planners Product and Development Researchers Product Demonstrators Property Management
Public Relations and Customer Service Representatives Teacher's Aides Speech Therapists Community Workers
Special Education Teachers Counselors or Administrators Personal/Home Care Aides Social Workers
Elementary, Secondary or Postsecondary Teachers Family Advocates Community Organization Directors
Special Needs Case Workers Elder Care Coordinators Geriatric Group Home Administrators



OUSD Course Offerings



Careers in Education

I (O721), II (O723)

(I) This course is an introduction to teaching careers in K-8 education. Students will gain insight into the role and responsibilities of a teacher, child growth development, safety, effective instruction and assessment. Students will perform weekly observations at a local elementary school.

(II) In Careers in Education II, students expand their knowledge of the teaching/learning cycle, instructional strategies, and the roles and responsibilities of a teaching assistant. They will review grade level skills in Reading, Math and English Language Arts and learn the different methodologies, strategies and materials employed in the elementary classroom. Successful students are given the opportunity to participate in a site-based internship where they observe and assist elementary teachers in a variety of instructional support and recreational activities.



Introduction to Early Childhood Education

O750

This course combines classroom instruction and internship in local elementary and preschool, child care and home day care centers. Students will receive instruction in child development, age appropriate curriculum, guidance and behavior techniques, intellectual and physical activities, health, safety and nutrition as they prepare for a career or advanced study in early childhood education.



Child Development

O751

Students study the history, philosophy and major theories of child growth and Development. Instruction includes the biological, hereditary and environmental influences on development together with methods of supporting and promoting optimum healthy growth.



Psychology & Psychology AP

H701 / H956

Formerly Social Psychology, this course is a study of the factors that influence human behavior, the structure of groups, and the role of the individual in groups. It deals especially with human personality, the family, the development of satisfying interpersonal relationships, and the development of a healthy, mature, and realistic concept of self.

OUSD Courses written but not active

Family Living (C706)
Child Development Center (C990)



Energy and Utilities

Careers/Career Areas:

Power Meter Installers/Readers Appliance Repair Utility Technicians Instrument Calibration Electrical Engineers

Major Appliance Designers Energy Management Environmental Pollution Control Waste Management

Natural Gas, Chemical, Petroleum, and Nuclear Engineers Energy/Environmental Technicians and Engineers

Energy Management Technicians/Engineers Utilities Technicians/Engineers Power Grid Engineers

Waste Technicians/Engineers Facility Design Engineers Industrial Facilities Technicians/Engineers

Gas, Chemical and Nuclear Engineers Utilities Technicians Water Systems Technicians

Solar Technicians/Engineers Electrical Technicians/Engineers Facilities Technicians/Engineers

Industrial Maintenance Technicians/Engineers Hvac Technicians/Engineers

This is a growing field with many anticipated jobs in the 21st Century. OHS is currently exploring offering courses in this field. If interested circle “Energy and Utilities” elective. (S999)



Engineering and Design

Careers/Career Areas

Engineering Aides Architects Drafters/Designers Surveyors Structural Engineers Civil Engineers

Industrial Designers/Estimators Instructors Computer Engineers Electricians Electrical Engineers

Computer Repair Computer Networking Technicians Telecommunication Engineers Network Administrators

Cad /Cam Technicians Civil Engineers Drafters/Designers Architects Structural Engineers Oceanographers

Software Engineers Electricians/Electronics Industrial Engineers/Technicians Telecommunications Facility

Construction/Maintenance Environmental Planners Meteorologist Ecologists Hydrographers

Park Naturalists Survey/Mapping Technicians/Engineers Environmental, Chemical, and Civil Engineers



OUSD Course Offerings



CAD (Computer Aided Design) / 3D Drafting and Design

O762 / O763

Students will develop a solid foundation of drafting skills and techniques that will enable them to draw and design using CAD software. They will learn fundamental concepts of creating, editing, dimensioning, viewing and plotting 2D drawings. 3D modeling concepts will also be introduced and students will produce a portfolio of selected projects for presentation to teachers, peers and community professionals. This is an introductory course in the pathway that prepares students for future study in careers related to various

fields of engineering and design.

OUSD Courses written but not active

Drafting I (I800)

Drafting II (I801)

Tech Core Lab (I850)



Fashion & Interior Design

Careers/Career Areas

Fashion Designers Pattern Makers Fashion Illustrators/Photographers Visual Merchandisers Fashion Buyers
Sales Associates Fashion Advisors Seamstress/Alterations Showroom Assistants Stylists Interior Designers
Visual Merchandisers Design Assistants Set Decorators Preservationists Facility and Space Planners
Computer Aided Design (Cad) Specialists Photo Stylists Ergonomic Consultants Kitchen, Bath, Window, Lighting,
Wall or Floor Covering Specialists



OUSD Course Offerings



Fashion Design & Merchandising I / II

O632 / O732

Students will study the fundamentals of fashion theory and the evolution of the fashion industry. They will apply the principles and elements of artistic design and color theory as they conceptualize original design ideas in order to develop fashion sketches. Using patterns, as well as an understanding of textiles, they will construct garments in preparation for a fashion showcase.

OUSD Courses written but not active

Clothing I (C700)

Clothing I Transitional (C709)

Clothing II (C715)

Clothing III (C716)
Clothing Lab (C701)
Interior Design (C705)
Personal Sewing I (C713)
Personal Sewing II (C714)



Finance and Business

Careers/Career Areas

Accounting Loan Officers Account Clerks Payroll Clerks Cost Estimators Budget Analysts Controllers
Insurance Appraisers Assessors Bookkeepers Auditors Financial Analysts Personal Financial Advisors
Tax Preparers Financial Examiners Bank Tellers Loan Counselors Claims Examiners Credit Analysts
Loan Officers Credit Managers Internal Auditors Revenue Agents Business Teachers Actuaries
Account Collectors Budget Analysts Escrow Officers Appraisers Purchasing Agents Credit Loan Officers
Financial and Management Analysts Insurance Appraisers Personal Financial Advisors Underwriters
Tax and Claims Examiners Financial Planners Securities Officers Stock Brokers Economists Treasurers
Budget Analysts Purchasing Agents Arbitrators/Mediators



OUSD Course Offerings



Business Office Skills

O741

The Business Office Skills course will train students in many aspects of the computerized business office and prepares the students for entry level jobs in the field. Employability skills include personal, interpersonal and communication skills. The content area skills include filing, ten key, recordkeeping, bookkeeping, business documents, telephone techniques, processing mail, and email. Students will gain competencies desirable in today's job market.



Career Focus Business

O726

This course explores various careers in the Business and Service Industries. Instruction in Personal Finance is used as an introduction to Business, Entrepreneurship, Financial Planning as well as Business Administration, Sales & Marketing and Hospitality. Students will learn employment law, personal banking, interpreting paychecks, keeping good credit rating and living on their own.



Communication Skills for the Business Office I/II

O911

Students will gain competency in sentence structure, basic rules of grammar, punctuation, spelling, capitalization, number expression, correspondence and principals of presenting information electronically. They will create formatted correspondence, demonstrate telephone techniques, compose original documents and use electronic media for presentations.



Business Economics and Finance (UC Approved)

O730

This course provides instruction in the fundamental micro and macro- economic principles as they relate to business financial activities and outcomes. Students will gain an understanding of how business and the local, national and international economy interact to produce a profit or loss.



Entrepreneurship (accredited for 3 college credits)

O744

This course provides students with the information needed to start and operate their own business. Students will learn how to identify a business opportunity, understand business legal structures, small business budgeting, record keeping methods, staffing, marketing and promotion. Instruction will include completion of all elements of a Business Plan for a business of students' choice.



International Business / Global Marketing

O627 / O628

International Business provides an introduction and overview of international business with a global perspective on international trade. Career preparation/foundation skills include personal, interpersonal, critical thinking and technology skills. Academic integration supports the content area skills of internal and external environments, channels of distribution, finance, communication and travel.



Banking Financial Services

O720

This competency-based course is designed to provide students with employment skills in the career areas of Teller, New Accounts Clerk, Customer Service, Loan Clerk and Bookkeeper Clerk. Students will learn skills in teller training, new accounts, data, item processing, sales and service and loan processing. Competencies will be acquired through problem-solving, reading, writing and communicating within the financial industry. Students will be required to serve an “internship” at a community site. Skills to insure success on the job will be introduced. These will include the development of attitudes, personal characteristics and grooming. Students completing this program will be qualified to be employed in the career area of his/her choice, or may enroll in higher education for advanced training in the same area.



Business Internship

O745

The Internship class gives students the opportunity to take the skills and competencies learned in prior classes into a real world business environment. Essential employability skills focus on empowering the students with competencies needed for success in a business environment. Students complete a personal portfolio including a resume, letter of introduction and job application in addition to practicing interviewing and job-seeking skills. Future employment at these work sites is not guaranteed, but many students do earn offers of employment at the companies.



Journalism & Advanced Journalism

L920 / L923

Journalism I is an introductory course designed to acquaint the student with the many aspects of news writing and publication of a modern newspaper. Students will practice and develop skills in different types of news gathering, news writing, fundamentals of photography, and the fundamentals of page design. All aspects of the course will focus on the ethics that are essential to the practice of journalism.



Annual & Advanced Annual

L930 / L933

Annual I is an introductory course designed to acquaint students with the various aspects of journalistic writing, page design, advertising, sale, and publication of a modern yearbook and news feature magazine. Through practical assignments, the student develops skill in research and interviewing as well as news, feature, sports, and mini-report writing. Fluency, accuracy, proper attribution, grammar, spelling, punctuation, and creativity are emphasized. While improving student writing for publication is the primary focus of the course, consideration is also given to developing skills in design and organization. The student will be exposed to elements of graphic design, software programs that utilize graphic style (i.e., Adobe, InDesign, Quark, etc.), layout style, photography, and typography.



Website Design and Development

O749

This course is designed to provide students with classroom and laboratory experience in current and emerging networking and web design technology that will empower them to enter employment and/or further education and training in the computer networking field. The process of designing and developing a website will be covered as the students develop personal web pages.

OUSD Courses written but not active

WEB Applications (O634)

MS Office Communications (O780)

MS Office Desktop (O797)

MS Office Introduction (O798)

MS Office Word-Excel-Windows (O799)



Health Science and Medical Technology

Careers/Career Areas

Biomedical Chemists Biostatisticians Biotechnology Assistants Biotechnology Technicians Geneticists

Biomedical Technicians Quality Assurance/Control Technicians Biotechnology Scientists Transporters

Bioinformatics Specialists Clinical Trials Researchers Medical Laboratory Aides Radiology Technologists

Biotechnology Scientists Radiologists Medical Laboratory Technicians Cardiology Technologists

Biotechnology Engineers Medical Laboratory Assistants Clinical Medical Technologists Health Educators

Medical Records Clerks Health Unit Coordinators Medical Coders Telehealth Technicians Medical Librarians

Medical Record Technicians Medical/Hospital Receptionists Health Services Administrators Morticians

Hospital/Nursing Home Administrators Medical Transcriptionists Industrial Hygienists Health Educators

Central Supply Aides Environmental Services Assistants Central Supply Technicians Pharmacists

Environmental Services Technicians Materials Management Supervisors Environmental Health Specialists

Nursing Home Administrators Physical Therapy Aides Dental Hygienists Medical Assistants Dentists

Exercise Physiologists Physical Therapists Physician Assistants Emergency Medical Technicians

Fitness/Aerobics Instructors Registered Physical Therapy Aides Licensed Vocational Nurses/Registered Nurses

Pharmacy Technicians Certified Nurses Assistants Respiratory Therapy Aides



OUSD Course Offerings



Career Focus Medical

O728

This course explores various careers in the Medical and Health Industry Sector and prepares students for entry level jobs in the field. Students learn the requirements and opportunities for post-secondary education and develop a personal career/life plan while learning valuable foundation skills that will benefit them throughout their school and working life. Instruction includes Foundations in Health together with hands-on experience in the specific areas of Health Informatics, Patient Care, and Sports Medicine.



Emergency Medical Technician

O764

The Emergency Medical Technician I class prepares students to take the National Registry of Emergency Medical Technicians Examination, with reciprocity rights in all 50 states. Content area skills focus on patient assessment, EMT skills, traumatic, medical, environmental, obstetric, and pediatric emergencies. Mass Casualty Triage and WMD/Response to Terrorism (Biological and Chemical Agents) training will be included in accordance with Homeland Security protocols. Physical skills training, participation in simulation activities and CPR preparation are included. Supervised clinical experiences include an emergency room observation and an ambulance ride along event. Program graduates work as ambulance attendants, emergency room attendants and in other areas of pre-hospital care. EMT certification and licensure is now required for most Fire Training Academies. ***A course grade of B or better and successful passing score on the skills exam is required for inclusion in the National Registry Examination.**



Hospital Occupations Internship

O777

This competency-based course (second in a sequence) provides students with basic knowledge and skills required for a variety of entry-level positions within the Support Services department of a hospital. The class includes an internship in one of more of the Course Content Areas listed. Integrated throughout the course are Essential Employability Skills, including the development of a portfolio. The course is designed for the student who is looking for an entry-level position or who wishes to explore various occupations within a hospital setting. ***Medical Core I and II must be completed with a B or better, and instructor's recommendation is required for enrollment. Final selection performed by UCI Medical Center Dept. of Human Resources and Nursing Education.**



Emergency Medical Responder

O796

This class will teach students to provide immediate care to an ill or injured person and train them to assist emergency medical service (EMS) providers. Instructional content area skills include the history of health care, EMS overview, CPR and first aid skills, patient assessment, legal and ethical issues, triage and emergency responsibilities. Essential employability skill instruction in personal and interpersonal skills, employment literacy and industry focus will prepare students for the workplace. Completion of this class will provide a strong background useful in lifeguard positions, fire service, sports medicine, ski patrol, medical facilities and in preparation for the Emergency Medical Technician class. **A grade of B or better must be obtained for consideration into the Emergency Medical Technician program.**



Sports Medicine I / II and Internship

I (O803), II (O804), Internship (I)805)

This is a year-long course in Health Science that prepares students for the field of Sports Medicine. Students study anatomy, physiology and bodily systems and apply their knowledge within the area of Sports Medicine. Students will expand on their understanding of the scientific foundations in the evaluation, assessment and care of injuries, as well as preventative techniques and wellness.



Medical Core

I (O806), II (O807)

This course introduces students to diverse occupations in the medical/health field and to standards required of workers in the field. Level I includes instruction in the ethical and legal responsibilities of the health care worker, safety, medical terminology, human anatomy and physiology, body systems and mechanics, standard precautions and health and fitness. Instruction in American Heart Association Healthcare Provider CPR Training is provided for students who maintain a B or better within the class. Students explore career opportunities in therapeutic, diagnostic, and supportive areas. This course includes National Healthcare Foundation Standards. Successful completion with a B or better allows the student to apply for the Hospital Internship. ***Medical Core I and II must be completed with a B or better, and instructor's recommendation for consideration into the Hospital Internship. Final selection performed by UCI Medical Center Dept. of Human Resources and Nursing Education.**

OUSD Courses written but not active

Hospital Occupations Core (O773)

Acute Care Nursing Assistant (O781)

Certified Nursing Assistant / Home Health Aide (O785)

Certified Nursing Assistant (O786)

Medical Clerical (O774)

Medical Clerical II (O775)



Hospitality, Tourism and Recreation

Careers/Career Areas

Dietary Aides Dietary Chefs Personal Chefs Food Scientists Food Product Testers/Tasters Line Cooks
 Dietetic Technicians Registered Dietitians Food Product Developers Sous/Executive Chefs Food Stylists
 Pastry Chefs Bakers Caterers Wait Staff Food Service Directors Food Designers Food Expeditors
 Recreation Leaders Event/Wedding Planners Theme Park Staff Flight Attendants Concert Promoters
 Travel Company Owner/Managers Club/Resort/Hotel Managers Travel Agents Cruise Ship Staff
 Interpreters/Translators Sports Officials



OUSD Course Offerings



Culinary Arts I/II O631/O632

This is the foundation and secondary course for the Culinary Arts pathway. Students will learn about the Food Service and Hospitality Industry and explore a variety careers while learning and developing basic nutritional and food preparation skills. Students will continue their exploration of the Food Service and Hospitality Industry, reinforce their knowledge of safe food handling and practices, and increase their skills in the selection and preparation of a variety of foods.



Specialty Foods / Servsafe Certification O636 / O634

This is an elective course in the Culinary Arts Pathway. Specialty Foods introduces the student to the contributions that various ethnic groups have made to American and International cookery. The culinary student will become familiar with the geography, food history, customs, common ingredients and preparation techniques of regions in the United States as well as from countries all over the world. The student will develop skills in kitchen organization, teamwork and equipment use. The core content standards and concepts of safe food handling and culinary science and math will also be taught and practiced.



Information Communications Technology

Careers/Career Areas

Word Processing Operators Technical Writers Software Engineers Chief Technology Officers Webmasters
Administrative Assistants Database Administrators Business Teachers Information System Architects
Web Page Developers Computer Operators Computer Graphic Artists Web Architects Graphic Designers
Multimedia Producers Corporate Communication Managers Software/Hardware Installers Software Architects
Network System Analysts Computer Security Specialists Network System Assistants Network Engineers
Telecommunications Specialists Network Administrators Data Communications Specialists
Programmers/Software Technicians Operating System Designers Software Applications Support
Computer Software/Hardware Engineers



OUSD Course Offerings



Mouse Squad

O650

This is an introductory class for students in grades 9-12. Students will explore technology-hardware, software, networking, and computer languages. One element of the course will be the establishment of a MOUSE SQUAD—students interested in troubleshooting, repairing and maintaining computers within the school. The course provides students with the opportunity to obtain and refine skills utilizing the many basic and complex features of technology that enable individuals to become critical thinkers, collaborators, creative, and communicate effectively.

OUSD Courses written but not active

Web Programming (O625)
Network Technology (O629)
Internet Technology I (O791)
Internet Technology II (O792)
Internet Technology III (O793)
Internet Technology IV (O794)
Network + and Server + (O800)
Systems Technology (O801)



Manufacturing and Product Development

Careers/Career Areas

Publishers Editors Graphic Artists/Designers Desktop Publishing Production Managers Webmasters
Network Engineers Industrial Designers Commercial Photographers Special Effects Animators
Multimedia Producers Web Designers Publication Managers Special Effects Journeymen Assemblers
Design Engineers Tooling Technicians Tooling Engineers Computer Programmers Mechanical Engineers
Industrial Technology Educators Machine Operators Maintenance Mechanics Welders Boilermakers
Blacksmiths Ironworkers Metallurgists Robotics Technicians Quality Control Inspectors
Fabrication Designers Plastics Assemblers Composite Fabricators Manufacturing Engineers



Robotics I / II O716 / O717

This is an introductory course in the field of robotics. Students will explore the interaction of science and technology and learn how these concepts are applied in engineering, control systems and automation. Students will use inquiry, research, and design methods to solve problems, and construct robotic devices using industry-standard systems software and technology.

OUSD Courses written but not active

Web Programming (O625)
Graphics and Design I (O743)
Graphics and Design II (O746)
Solidworks Certification (O635)



Marketing, Sales and Service

Careers/Career Areas

Software Engineers Copywriters/Designers Entrepreneurs Interactive Sales Engineers Business Teachers

Web Site Developers Customer Service/Customer Support Representatives Franchisees Marketing Managers
 Buyers Business Owners Account Executives Event Planners Sales Representatives Route Sales
 Shipping and Receiving Economists Marketing Research International Trade Specialists Telemarketers
 Retail/Wholesale Buyers Account Executives Real Estate Securities Insurance Books Product Branding
 Pharmaceutical Supplies Public Relations Advertising



OUSD Course Offerings



Marketing O910

Students will understand how a new product or service concept is successfully developed and brought to market through research, brand integration and product promotion. Using real-life examples, student will explore concepts in international, direct response, and e-marketing. Additionally, they will be introduced to specialty marketing segments such as: sports, travel/tourism, and hospitality marketing.



Marketing and Society O912

This course will give students a fundamental understanding of the relationship between marketing and popular culture. Marketing techniques, the elements of persuasion, and the effect on societal behavior will be studied. Particular focus will be given to the marketing strategies employed and the positive/negative effects of those strategies.

OUSD Courses written but not active

Marketing Strategies (O908)
 Retail Merchandising (O911)



Public Service

Careers/Career Areas

Child Care Foster Care Youth Workers Social Workers Educational Counselors Mental Health Counselors

Marriage and Family Counselors Psychologists Psychiatrists Crisis Intervention Emergency Services
Disaster Teams Substance Abuse and Behavioral Disorder Counselors Judges Elected Officials Border Control
Atf /Cia /Dea /Fbi Agents Fish and Game Wardens Customs Inspectors Criminologists Lawyers Paralegals
Legal Clerks Court Reporters Diplomatic Service Police Officers Sheriff Deputies Animal Control
Fire Fighters Correctional Officers Fire Inspectors Paramedics Lifeguards Ski Patrol Private Investigators
Crime Scene Investigation Security Guards Railroad Police



OUSD Course Offerings



Career Focus Protective Service

O729

This course explores various careers in the Protective Services and prepares the students for entry level jobs in the field. Instruction includes an introduction to First Responder, EMT, Fire Service and Police / Criminal Justice topics as well as hands-on practical experiences in these areas. Students learn requirement and opportunities for post-secondary education and develop a personal career/life plan while learning valuable foundation skills that will benefit them throughout their school and working life.



Fire Technology

O920

In the Fire Service course, students will learn present trends in the fire service. Students will learn how to obtain employment in fire suppression, fire prevention careers, and emergency communications. Students will learn manipulative skills including hose evaluations, rescue techniques, ventilation and ladders. Essential employment skills include written test preparation, oral interview, and physical fitness manipulative tests. Students are encouraged to continue study in a Fire Science program through a local community college. College credit is awarded for successful completion of the Fire Service Course.



Fire Science

O922

In the Fire Science course, students will learn the history of the Fire Service and how it shapes present fire service policy and procedure. Students will learn manipulative skills including ladders, self contained breathing apparatus, rescue techniques, ropes and knots, and hose evolutions. Essential employment skills include personal, interpersonal and communication skills. Students are encouraged to

continue study in the ROP Fire Service class.



Criminal Justice & Criminal Procedures

O924

Students will investigate the qualifications and requirements for various law enforcement occupations and learn the nature, history and philosophy of law enforcement. Other content area skills include constitutional law, policing issues and trends, court systems and general aspects of law enforcement. Participants will study investigative techniques and solve a crime scene using a forensics team approach. Essential employability skills include personal, interpersonal and communication skills plus units on career development and employment literacy. Students are encouraged to continue study in the Law Enforcement Criminal Procedures class. This course also focuses on the criminal justice system and law in America. Instruction includes police, law enforcement processes and procedures as well as the court system, trials and corrections. Participants will learn the qualifications and requirements needed for occupations in the criminal justice system.



Crime Scene Investigations

O926

Students will study the elements of crime scene investigation and employ those techniques and tools to solve a crime scene. This course is designed to give students an understanding of the integration of the criminal investigative process with complex scientific application of modern technology in searching for and processing physical evidence in crime scenes. It will provide background into the theory behind Crime Scene Science and the ethical and legal challenges faced by Forensic Scientists and Crime Scene Investigators. Using modern instructional materials, students will learn of the complexity of processing and documentation of Crime Scenes with the ultimate goal of having a successful outcome in the court system.



Law and Order

O929

Students will be introduced to due process and the principles of our judicial system. Students learn the step-by-step process of initiating or defending a lawsuit and will undertake the analyses, preparation and presentation of both civil and criminal trial proceedings. Instruction will include the contents and preparation of a variety of legal documents and statutory filing procedures.

OUSD Courses written but not active

Criminal Procedures/ CSI (O926)

Introduction to Law Enforcement (O928)

Law and Order (O930)



Transportation

Careers/Career Areas

Ground Support Crews Freight and Baggage Handlers Ticket Agents Flight Attendants Dispatchers
Airframe and Power Plant Technicians Air Traffic Controllers Pilots Aviation Engineers Aircraft Detailers
Mechanics Assistants Collision Repair Technicians Auto Detailers Refinish Technicians Glass Installers
Auto Damage Appraisers Claims Adjusters Parts Specialists Vehicle Restoration Vehicle Painters
Lube, Line, and Smog Technicians Service Writers Diesel Engine Small Engine Parts Runners
Parts and Service Counter Technicians After-Market Sales Shop Foremen Manufacturers Representatives
Motorcycle, Heavy Equipment, and Farm Equipment Mechanics



OUSD Course Offerings



Automotive Technology I / II / III

I (O710), II (O712), III (O714)

This classroom/auto lab based-course will provide entry-level training in servicing and the maintenance of vehicles or vessels used within the transportation industry. Other topics are automotive careers, basic hand tool usage, power tool usage, shop safety, measurements and use of service manuals. Further considerations include a computer reference tool, basic electricity and electronics, soldering, gaskets and usages, engine fundamentals, fuel systems, charging, starting and ignition systems, brake and steering systems.

OUSD Courses written but not active

Truck Driving (O713)

Aviation I (TBA)

Aviation II (TBA)