



TITLE: Career Pathways Graduation Requirement

NUMBER: Reference Guide No. REF-911

ISSUER: Liza Scruggs, Assistant Superintendent
Instructional Support Services

DATE: April 12, 2004

ROUTING
Local District
Superintendents
Local District Directors of
Instruction
Local District Directors of
School Support Services
Principals
Assistant Principals
Assistant Principals, SCS
Counselors
Life Skills Teachers

PURPOSE: The purpose of this document is to identify the procedures for students to complete the career pathways requirement.

MAJOR CHANGES: This reference guide replaces Instructional Support Services Reference Guide No. M-53, of the same title, dated May 20, 2002. The content has been revised to include large comprehensive high schools and small school learning communities.

GUIDELINES: The following guidelines apply.

I. INTRODUCTION

In March 1999, the Board of Education approved a change in graduation requirements to include thirty credits in an identified career pathway. Beginning with the graduating class of 2006, students will need to complete 30 credits of coursework in a career pathway in grades 9 through 12 in order to graduate from a Los Angeles Unified School District high school.

II. DEFINITION AND COURSES

Integrated into the Life Skills Course required for graduation, each student will assess and evaluate his or her interests, skills, talents and abilities and select a career cluster that he or she would like to pursue. Small school learning communities as well as large comprehensive high schools provide career pathways that are inclusive of core courses and limited electives and are general enough to incorporate a variety of careers.

- Arts and Media
- Medicine and Health
- Public and Social Services
- Finance
- General Business
- Education and Research



LOS ANGELES UNIFIED SCHOOL DISTRICT Reference Guide

- Engineering Technology
- Home Economics Career and Technology
- Industrial and Technology
- Agriculture

High school courses that will help students prepare for these career clusters have been identified and are available in all school settings to meet the needs of all our students. Suggested careers within the career clusters and suggested high school courses are listed on Attachment A.

IV. VERIFYING COMPLETION OF THE REQUIREMENT

As a student identifies a career pathway in *Life Skills for the 21st Century*, the teacher will send the student's name and selected career pathway to the Counseling Office. The Assistant Principal, Secondary Counseling Services, or designee will see that the students' career pathway choices are entered into the secondary SIS in field 231 in ID01. This will allow the counselor to counsel, advise and program the student appropriately over the four-year period. As a student's interests change, the career pathway may need to be revised.

Counselors will be able to evaluate and verify the career pathway requirement for each student. The SIS will search for completed courses in the identified career pathway and automatically check off the career pathway requirement. In the SIS program TR04 (Graduation Requirements) the career pathway will be listed and, when the requirements are met, will note "Requirement Met."

ASSISTANCE: For assistance or further information, please contact Bud Jacobs, Director, High School Programs at (213) 241-6895.

LOS ANGELES UNIFIED SCHOOL DISTRICT
Instructional Support Services

ATTACHMENT A

CAREER CLUSTER				
<p>ARTS AND MEDIA: If you are creative and enjoy expressing yourself in many different ways, consider careers in arts and media. Career areas include performing arts, visual arts, and written arts. To prepare for careers in the arts and media cluster, these high school courses will help you.</p>				
SOCIAL SCIENCE	ENGLISH	MATH	SCIENCE	FOREIGN LANGUAGE
World History, AP Wild Hist African American History American Indian Studies Asian Studies History of the Middle East Latin American Studies	English 9, 10 Am Lit Comp/Cont Comp Expo Comp, Adv Comp AP Eng Lit, AP Eng Lang Modern Literature Shakespeare, Speech Journalism Creative Writing	Algebra 1, 2 Geometry Discrete Math	Physics, AP Physics Biology, AP Biology Physiology	All foreign languages
THEATRE ARTS	VISUAL ARTS	MUSIC	DANCE/PE	APPLIED TECHNOLOGY
Acting: Beg, Inter, Advan Drama, Play Production Theater Arts Workshop Stage Craft Survey of World Theatre	Introduction to Art AP Art History AP Drawing AP Studio Art 2 D, 3 D Art Production, Yearbook Design, Sculpture 1,2 Filmmaking 1,2,Prod Drawing, Life Drawing Painting, Sculpture Photography 1,2,Prod Cartoon Animation Commercial Art Prod	World of Music AP Music Theory Harmony, Chorus, Choir Instruments, Guitar, Piano Adv Band, Adv Orch	Dance Chor & Prod All dance courses Drill Team, Cheerleading Gymnastics, Aerobics	Introduction to Computers Internet Publishing 1, 2 Digital Imag 1,2,Prod New Media 1, 2, 3 AP Computer Program

LOS ANGELES UNIFIED SCHOOL DISTRICT
Instructional Support Services

ATTACHMENT B

CAREER CLUSTER				
<p>MEDICINE AND HEALTH: If you like helping people or animals and you like to relieve suffering, consider careers in medicine and health. Career areas include biotechnology services, dental and vision services, diagnostic services, health care information services, medical and surgery services, medical office services, nursing services, preventive and community services, support services and therapy services. The following high school courses will help you prepare for these careers.</p>				
SOCIAL SCIENCE	ENGLISH	MATH	SCIENCE	FOREIGN LANGUAGE
World History, AP Wild Hist African American History American Indian Studies Asian Studies History of the Middle East Latin American Studies Psychology, AP Psych Intro to Sociology Philosophy	English 9, 10 Am Lit Comp/Cont Comp Expo Comp, Adv Comp AP Eng Lit, AP Eng Lang Speech	Algebra 1, 2 Geometry Discrete Math Trig, Math Analysis AP Calculus Statistics, AP Statistics	Health Intercoor Science 1,2,3 Biology, AP Biology Chemistry, AP Chemistry Physiology Physics, AP Physics Zoology	All foreign languages
VISUAL & PERFORMING ARTS	APPLIED TECHNOLOGY			
Drawing, Life Drawing Ceramics, Photo1,2, Prod AP Art History, AP Draw World of Music AP Music Theory Harmony, Chorus, Choir Instruments, Guitar, Piano Acting: Beg, Inter, Adv Drama, Play Production Survey of World Theatre Dance Chor & Prod All dance courses	Medical Terminology Business Management Word Processing Digital Imag 1,2, Prod AP Computer Program Information Processing			

LOS ANGELES UNIFIED SCHOOL DISTRICT
Instructional Support Services

ATTACHMENT C

CAREER CLUSTER				
<p>PUBLIC AND SOCIAL SERVICES: If you enjoy working with people and you like helping people improve their lives, consider a career in the public and social services cluster. Career areas include public services and safety and human and social services. To prepare for careers in this cluster, these high school courses will help you.</p>				
SOCIAL SCIENCE	ENGLISH	MATH	SCIENCE	FOREIGN LANGUAGE
Prin of American Democ AP Government Economics, AP Econ Psychology, AP Psych Constitutional Law Intro Sociology Philosophy	English 9, 10 Am Lit Comp/Cont Comp Expo Comp, Adv Comp AP Eng Lit, AP Eng Lang Speech	Algebra 1, 2 Geometry Trig, Math Analysis AP Calculus Statistics, AP Statistics	Health Intercoor Science 1,2,3 Biology, AP Biology Chemistry, AP Chemistry Physiology Physics, AP Physics	All foreign languages
VISUAL & PERFORMING ARTS	APPLIED TECHNOLOGY			
Drawing, Life Drawing Ceramics, Photo 1,2, Prod AP Art History World of Music AP Music Theory Harmony, Chorus, Choir Instruments, Guitar, Piano Acting: Beg, Inter, Adv Drama, Play Production Survey of World Theatre	Business Law Business Management Word Processing Information Processing Data Processing AP Computer Program			

LOS ANGELES UNIFIED SCHOOL DISTRICT
Instructional Support Services

ATTACHMENT D

CAREER CLUSTER				
<p>FINANCE: If you like working with numbers and using math to solve problems, consider a career in the finance cluster. Career areas include banking, insurance, investing, real estate, and finance. To prepare for careers in the finance cluster, these high school courses will help you.</p>				
SOCIAL SCIENCE	ENGLISH	MATH	SCIENCE	FOREIGN LANGUAGE
Prin of American Democ AP Government Economics, AP Econ Psychology, AP Psych World History, AP Wld Hist US History, AP US Hist	English 9, 10 Contemporary Composition Expo Comp, Adv Comp AP Eng Lit, AP Eng Lang Speech	Algebra 1, 2 Geometry Math Analysis AP Calculus Statistics, AP Statistics	Intercoor Science 1,2,3 Biology, AP Biology Chemistry, AP Chemistry Physics, AP Physics	All foreign languages
VISUAL & PERFORMING ARTS	APPLIED TECHNOLOGY			
Photography 1, 2, Prod Design, Art Prod AP Art History World of Music AP Music Theory Drama, Play Prod Survey of World Theatre	Business Law Business Management Word Processing Information Processing Data Processing Intro to Computers AP Computer Program Financial Planning Global Int Trading			

LOS ANGELES UNIFIED SCHOOL DISTRICT
Instructional Support Services

ATTACHMENT E

<p>GENERAL BUSINESS: If you enjoy working with numbers, solving problems, and managing systems, consider a career in the general business cluster. Career areas include computer information systems, accounting, business management, marketing, scheduling engineering, and entrepreneurship. To prepare for careers in the general business cluster, these high school courses will help you.</p>				
SOCIAL SCIENCE	ENGLISH	MATH	SCIENCE	FOREIGN LANGUAGE
Prin of American Democ AP Government Economics, AP Econ Psychology, AP Psych World History, AP Wld Hist US History, AP US Hist	English 9, 10 Contemporary Composition Expo Comp, Adv Comp AP Eng Lit, AP Eng Lang Speech Creative Writing	Algebra 1, 2 Geometry Math Analysis AP Calculus Statistics, AP Statistics	Intercoor Science 1,2,3 Biology, AP Biology Chemistry, AP Chemistry Physics, AP Physics	All foreign languages
VISUAL & PERFORMING ARTS	APPLIED TECHNOLOGY			
Photography, 1, 2, Prod Design, Art Prod Digital Imag 1, 2, Prod AP Music Theory Music Lit & Analysis Theatre Appreciation Survey of World Theatre Advertising Design 1,2	Business Law Business Management Word Processing Information Processing Data Processing Intro to Computers AP Computer Program Financial Planning Global Int Trading Accounting			

LOS ANGELES UNIFIED SCHOOL DISTRICT
Instructional Support Services

ATTACHMENT F

EDUCATION and RESEARCH: If you like teaching, helping people learn, or finding information, consider a career in the education and research cluster. Career areas include K-12 education, higher education, counseling, school administration, library information management, scientific research, and social science research. To prepare for careers in this cluster, these high school courses will help you.

SOCIAL SCIENCE	ENGLISH	MATH	SCIENCE	FOREIGN LANGUAGE
Prin of American Democ AP Government Economics, AP Econ Psychology, AP Psych World History, AP Wld Hist US History, AP US Hist Intro to Sociology	English 9, 10 Am Lit Comp/Cont Comp Expo Comp, Adv Comp AP Eng Lit, AP Eng Lang Speech Creative Writing World Lit, Mod Lit	Algebra 1, 2 Geometry Math Analysis AP Calculus Statistics, AP Statistics	Intercoor Science 1, 2, 3 Biology, AP Biology Chemistry, AP Chemistry Physics, AP Physics Health Physiology	All foreign languages
VISUAL & PERFORMING ARTS	APPLIED TECHNOLOGY			
Theatre Arts Workshop Play Production Drama, Acting Design, Photo 1,2, Prod Painting 1, 2, Drawing Art History & Analysis AP Art History, Ceramics Chorus, Choir Music Lit & Analysis AP Music Theory Dance Chor & Prod Digital Imag 1,2, Prod Stage Design	Intro to Computers Word Processing Computer Program 1, 2 AP Computer Program Information Processing Web Dev & Prod New Media 1, 2, 3			

LOS ANGELES UNIFIED SCHOOL DISTRICT
Instructional Support Services

ATTACHMENT G

CAREER CLUSTER				
<p>ENGINEERING TECHNOLOGY: If you like to solve problems, invent the future, or make things work, consider a career in the engineering technology cluster. Career areas include chemical engineering, civil engineering, electrical engineering and mechanical engineering. To prepare for careers in the engineering technology cluster, these high school courses will help you.</p>				
SOCIAL SCIENCE	ENGLISH	MATH	SCIENCE	FOREIGN LANGUAGE
Geography AP Human Geography World History, AP Wld Hist Psychology, AP Psych US History, AP US Hist	English 9, 10 Am Lit Comp/Cont Comp Expo Comp, Adv Comp AP Eng Lit, AP Eng Lang Speech	Algebra 1, 2 Geometry Trig, Math Analysis AP Calculus Statistics, AP Statistics	Intercoor Science 1,2,3 Biology, AP Biology Chemistry, AP Chemistry Physics, AP Physics AP Environmental Science	All foreign languages
VISUAL & PERFORMING ARTS	APPLIED TECHNOLOGY			
Drawing, Photo 1,2, Prod AP Studio Art 2 D, 3 D Design, Painting 1, 2 Art History & Analysis AP Art History Music Lit & Analysis Digital Imag 1,2, Prod Museum Studies Filmmaking 1,2, Prod	Intro to Computers Word Processing Computer Program 1, 2 AP Computer Program Information Processing Web Dev & Prod CAD			

LOS ANGELES UNIFIED SCHOOL DISTRICT
Instructional Support Services

ATTACHMENT H

CAREER CLUSTER				
<p>HOME ECONOMICS CAREERS and TECHNOLOGY: If you like providing services to people, consider a career in the home economics and technology cluster. In some cases you will be in charge and responsible for planning, preparing and implementing events and programs. Career areas include food service, hospitality, tourism, recreation, interior design, fashion, consumer services, family and human services, dietetics, nutrition and child development. These high school courses will help you to prepare for a career in this cluster.</p>				
SOCIAL SCIENCE	ENGLISH	MATH	SCIENCE	FOREIGN LANGUAGE
Geography AP Human Geography World History, AP Wld Hist US History, AP US Hist Psychology, AP Psych Intro to Sociology	English 9, 10 Am Lit Comp/Cont Comp Expo Comp, Adv Comp AP Eng Lit, AP Eng Lang Speech Journalism, Yearbook	Algebra 1, 2 Geometry Math Analysis Statistics, AP Statistics	Intercoor Science 1, 2, 3 Biology, AP Biology Chemistry, AP Chemistry Physics, AP Physics AP Environmental Science Physiology	All foreign languages
VISUAL & PERFORMING ARTS	APPLIED TECHNOLOGY			
Drawing, Photo 1,2, Prod AP Studio Art 2 D, 3 D Design, Ceramics 1, 2 Art History & Analysis AP Art History Intro to Art Any Dance Course Any PE Course Digital Imag 1,2, Prod	Intro to Computers Word Processing Computer Program 1, 2 AP Computer Program Information Processing Web Dev & Prod Business Management Digital Graphics			

LOS ANGELES UNIFIED SCHOOL DISTRICT
Instructional Support Services

ATTACHMENT I

CAREER CLUSTER				
<p>INDUSTRIAL and TECHNOLOGY: If you like using math and science and solving problems, consider a career in the industrial and technology cluster. Career areas include aviation, construction, drafting, electronics, graphic communications, manufacturing, and energy and transportation. These high school courses will help you to prepare for a career in this cluster.</p>				
SOCIAL SCIENCE	ENGLISH	MATH	SCIENCE	FOREIGN LANGUAGE
World History, AP Wld Hist US History, AP US Hist Psychology, AP Psych	English 9, 10 Am Lit Comp/Cont Comp Expo Comp, Adv Comp AP Eng Lit, AP Eng Lang Speech Journalism	Algebra 1, 2 Geometry Math Analysis AP Calculus	Intercoor Science 1, 2, 3 Chemistry, AP Chemistry Physics, AP Physics Environmental Studies AP Environmental Science	All foreign languages
VISUAL & PERFORMING ARTS	APPLIED TECHNOLOGY			
Drawing, Painting1, 2 AP Studio Art 2 D, 3 D Design, Photo 1,2, Prod Art History & Analysis AP Art History Digital Imag 1,2, Prod Sculpture, Ceramics 1, 2 Music History Music Lit & Analysis Stage Design Theatre Arts Workshop Play Production	Intro to Computers Word Processing Computer Program 1, 2 AP Computer Program Internet Publishing Web Dev & Prod New Media 1, 2, 3 Digital Graphics CAD			

LOS ANGELES UNIFIED SCHOOL DISTRICT
Instructional Support Services

ATTACHMENT J

CAREER CLUSTER				
<p>AGRICULTURE: If you like working with plants and animals and improving the environment, consider a career in the agriculture cluster. Career areas include natural resources and forestry, agricultural mechanics, agribusiness, animal science, plant and soil science and ornamental horticulture. These high school courses will help you to prepare for a career in this cluster.</p>				
SOCIAL SCIENCE	ENGLISH	MATH	SCIENCE	FOREIGN LANGUAGE
World History, AP Wld Hist US History, AP US Hist Geography AP Human Geography	English 9, 10 Am Lit Comp/Cont Comp Expo Comp, Adv Comp AP Eng Lit, AP Eng Lang Speech Journalism Writers Seminar	Algebra 1, 2 Geometry Math Analysis AP Calculus Statistics, AP Statistics	Intercoor Science 1, 2, 3 Chemistry, AP Chemistry Physics, AP Physics Environmental Studies AP Environmental Science Health Physiology, Zoology Plant and Soil Science	All foreign languages
VISUAL & PERFORMING ARTS	APPLIED TECHNOLOGY			
Drawing, Painting 1, 2 AP Studio Art 2 D, 3 D Design, Photo 1,2, Prod Art History & Analysis AP Art History Digital Imag 1,2,Prod Music Lit & Analysis Music History Stage Design Theatre Arts Workshop	Intro to Computers Word Processing Computer Program 1, 2 AP Computer Program Internet Publishing Web Dev & Prod New Media 1, 2, 3 Digital Graphics CAD Business Management Landscape Floriculture, Horticulture Forestry Environment Management			