



1986



1987



1988



1989



1990



1991



1992



1994



1995



1985



1984



1983



1982



2006



2005



2004



2003



2002



2001



2000



1999

FASHION PROGRAM

OVERVIEW

2007 - 2008

ECC Fashion Images '96
Masks: The Changing Faces of Fashion



1996



1997



KHAOS
1998

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The policy of the El Camino Community College District is to provide an educational and employment environment in which no person shall be unlawfully denied full and equal access to, the benefits of, or be unlawfully subjected to, discrimination on the basis of ethnic group identification, national origin, religion, age, sex, race, color, ancestry, sexual orientation, physical, or mental disability, or relation in any program or activity that is administered by, funded directly by, or receives any financial assistance from, the State Chancellor or Board of Governors of the California Community Colleges.



FASHION PROGRAM OVERVIEW

El Camino College 2007 - 2008 Catalog

Fashion - A.S. Degree and Certificates of Competence and Completion

The fashion program prepares students for employment in the field of design and production or merchandising and provides upgrade opportunities for currently employed personnel. Upon completing the degree or certificate requirements, students gain proficiency in clothing, construction, fashion illustration, pattern making, draping, computer aided fashion design, and manufacturing. Students completing the requirements for the merchandising option will also gain proficiency in presentation techniques, planning, promotion, fashion coordination, advertising, and sales. Competencies will be assessed by portfolios and exhibitions of original apparel design and garments. Students may expect to enter industry as a design assistant, costume technician, fashion consultant, stylist, entry-level pattern maker, quality control assistant, assistant merchandiser, or sales associate.

El Camino College Major Requirements

At least 50% of the major requirements for the Associate in Science Degree must be completed at El Camino College.

Fashion Design and Production Option: Fashion 1, 2, 3, 4ab*, 10ab*, 14, 15ab*, 17ab*, 20, 26A, 26B, 29ab*, 35, 41, Art 10ab*, (*one semester of)

Total Units: 31

Fashion Merchandising Option: Fashion 1, 2, 3, 4ab*, 10ab*, 15ab*, 20, 27, 28, 35, 41, 42, Business 22 (*one semester of)

Total Units: 28

Certificate of Competence

A Certificate of Competence will be awarded to the student who completes the courses in one of the following options: Fashion Design and Production or Fashion Merchandising, with a grade average of B. At least 50% of the courses required for the Certificated of Competence must be completed at El Camino College.

Fashion Design and Production Option: Fashion 1, 2, 3, 4ab*, 10ab*, 14, 15ab*, 17ab*, 20, 26A, 26B, 29ab*, 35, 41, 95abcd (2-4 units); three courses from the following: Fashion 11ab*, 16ab*, 24abc*, 31, 36, 37; Art 10ab*, 37ab* (*one semester of)

Total Units: 38-41

Fashion Merchandising Option: Fashion 1, 2, 3, 4ab*, 10ab*, 15ab*, 20, 27, 28, 35, 41, 42; Fashion 95abcd (2-4units); Business 15, 22; two courses from the following: Business 12, 13, 14, 21, 27 (*one semester of)

Total Units: 40-42

Certificate of Completion

A Certificate of Completion will be granted to the student completing the courses in one of the following options: Computer Pattern Making Technician, Costume Technician, Fashion Design and Production, Fashion Merchandising, or Fashion Stylist with a grade average of C. At least 50% of the courses required for the Certificate of Completion must be completed at El Camino College.

Computer Pattern Making Technician Option: Fashion 11ab, 14, 15ab, 26A, 29ab

Total Units: 12

Costume Technician Option: Fashion 10ab, 11ab, 17ab, 24abc, 31, 35, 41; Theatre 94

Total Units: 21

Fashion Design and Production Option: Fashion 1, 2, 3, 4ab*, 10ab*, 14, 15ab*, 17ab*, 20, 26A, 26B, 29ab*, 35, 41, 95abcd (2-4 units); three courses from the following: Fashion 11ab*, 16ab*, 24abc*, 31, 36, 37; Art 10ab*, 37ab* (*one semester of)

Total Units: 38-41

Fashion Merchandising Option: Fashion 1, 2, 3, 4ab*, 10ab*, 15ab*, 20, 27, 28, 35, 41, 42; Fashion 95abcd (2-4units); Business 15, 22; two courses from the following: Business 12, 13, 14, 21, 27 (*one semester of)

Total Units: 40-42

Fashion Stylist Option: Fashion 10ab, 23, 31, 35, 41, 42, 95abcd (2 units)

Total Units: 18

Fashion 1

Career Opportunities in Fashion

1 unit; 1 hour lecture
 Credit; degree applicable
 Transfer CSU

This course surveys career opportunities in fashion. Students will explore the uniqueness of both themselves and the industry in all of its complexity through classroom exercises and visits in the field.

Fashion 2

Presentation Techniques for Fashion

1 unit; .5 hour lecture, 1.5 hours lab
 Credit; degree applicable
 Transfer CSU

This course will assist the student in developing techniques for fashion presentation. Basic concepts and techniques of applied design, including media presentation methods and visual communication are studied.

Fashion 3

Fashion Introduction to Macintosh

1 unit; .5 hour lecture, 1.5 hours lab
 Credit; degree applicable
 Transfer CSU

The student is introduced to the basic operation of the Macintosh computer. The software learned in this course will be reinforced in Fashion design for project assignments.

Note: Same as Family and Consumer Studies 3, Interior Design 3, Nutrition and Foods 3.

Fashion 4ab

Computer Fashion Illustration

1 unit; .5 hour lecture, 1.5 hours lab
 Prerequisite: Fashion 3 with a minimum grade of C or equivalent
 Credit; degree applicable
 Transfer CSU

This course incorporated the use of a computer aided garment detail library with an illustrative software to sketch, illustrate and design apparel groups. Students will design and develop line sheets, cost sheets and hang tags for advertising.

Fashion 10ab

Clothing Construction I

3 units; 2 hours lecture, 3 hours lab
 Credit; degree applicable
 Transfer CSU

This course provides analysis and application of basic clothing construction techniques. Student projects are selected in accordance with skill level. The projects are to be made distinctly different fabrics incorporating suitable techniques to be compatible with fabric structure. Consumer decision-making is emphasized.

Fashion 11ab

Clothing Construction II

3 units; 2 hours lecture, 3 hours lab
 Prerequisite: one semester of Fashion 10ab with a minimum grade of C or equivalent
 Credit; degree applicable
 Transfer CSU

This course offers a study and development of contemporary garment construction using advanced techniques and procedures. Projects include garments made of a currently fashionable but "difficult to handle" fabric. Emphasis is placed on experimentation of the appropriate application of various techniques and procedures in construction garments with workmanship of high quality.

Fashion 14

Pattern Grading

1 unit; 0.5 hours lecture, 1.5 hours lab
 Prerequisite: Fashion 26A with a minimum grade of C or equivalent
 Credit; degree applicable
 Transfer CSU

This course covers sizing commercial and individual patterns for the adult run of sizes.

***Some UC transferable courses have credit limitations. For details, see a counselor, the Transfer Center advisor, or the articulation officer.**

Fashion 15ab

Fashion Sketching

2 units; 1 hour lecture, 3 hours lab
 Prerequisite: one semester of Art 10ab with a minimum grade of C or equivalent
 Credit; degree applicable
 Transfer CSU

Sketching and media techniques for fashion design and merchandising students are studied. Instruction includes the developing of fashion figure (croqui) drawing (men, women and children) in relation to proportion and scale. Students apply basic techniques of drawing a descriptive garment trade sketch. Fabric rendering using pencil, pen and ink, felt tip pens and markers is expected.

Fashion 16ab

Fashion Illustrating

2 units; 1 hour lecture, 3 hours lab
 Prerequisite: one semester of Fashion 15ab with a minimum grade of C or equivalent
 Credit; degree applicable
 Transfer CSU

The course emphasizes drawing the fashion figure in detailed proportion using different media. Projects will cover fabric rendering, advertising, illustration and preparing the student for portfolio presentation. Emphasis is placed on developing apparel design by rendering designs with use of appropriate software for the apparel industry.

Fashion 17

Decorative Textiles

1 unit; .5 hour lecture, 1.5 hours lab
 Credit; degree applicable
 Transfer CSU

This course covers decorative techniques applied to fabrics. Designer details will be applied using the following techniques: beading, dyeing, printing, machine embroidery, painting and quilting.

Note: Letter grade or CR/NCR option.

Fashion 20

Textiles

3 units; 3 hours lecture

Recommended Preparation: eligibility for English 84

Credit; degree applicable

Transfer CSU

This introductory course covers characteristics of textiles for Fashion Design majors. Students are introduced to: various fibers, yarn types, fabrication, coloring, printing and finishing methods. Selection, use and care textiles are emphasized.

Note: Same as Family and Consumer Studies 20, Interior Design 20.

Fashion 23

Fitting and Alterations

2 units; 1 hour lecture, 3 hours lab

Prerequisite: one semester of Fashion 10ab with a minimum grade of C

Credit; degree applicable

Transfer CSU

This course teaches alteration and repair of Ready-to-Wear (RTW) clothing and commercial patterns to conform to body contours by analysis of problem areas and by using principles and methods of sewing techniques for the dressmaker, tailor and home sewer.

Fashion 24abc

Tailoring

3 units; 2 hours lecture, 3 hours lab

Prerequisite: one semester of Fashion 10ab with a minimum grade of C or equivalent

Credit; degree applicable

Transfer CSU

This course covers the principles and techniques of hand, machine and speed tailoring of garments commonly used by the tailor, costume technician and apparel designer.

Fashion 26A

Basic Design and Patternmaking

3 units; 2 hours lecture, 3 hours lab

Prerequisite: Fashion 11ab with a minimum grade of C or concurrent enrollment

Recommended Preparation: eligibility for English 84

Credit; degree applicable

Transfer CSU

This course covers flat pattern methods in dress and separates apparel using the basic sample size for women's and girls' wear.

Fashion 26B

Basic Dress Design Through Draping Process

3 units; 2 hours lecture, 3 hours lab

Prerequisite: one semester of Fashion 10ab with a minimum grade of C or equivalent

Credit; degree applicable

Transfer CSU

This course is the study of draping techniques to create original garment designs. The draping process is the development of a garment through fabric manipulation directly on a dress form. To maintain design integrity, this course emphasizes the relationship of the fabric hand, color print and structure so students will be able to solve unfamiliar design problems.

Fashion 27

Fashion Merchandising

3 units; 3 hours lecture

Recommended Preparation: eligibility for English 84

Credit; degree applicable

Transfer CSU

This course introduces students to the fashion merchandising industry and its philosophies. The course content includes an overview of the fashion industry and careers in merchandising as well as planning, selecting, selling, and promoting fashion merchandise. Also covered are the math principles required for merchandising and tracking fashion trends.

Fashion 28

Visual Merchandising

2 units; 1 hour lecture, 3 hours lab

Recommended Preparation: eligibility for English 84

Credit; degree applicable

Transfer CSU

In this course students are introduced to the basic concepts, techniques, and planning procedures for the visual approach to selling merchandise. Current methods of visual merchandising are discussed including the use of mannequins, signage, and marketing as well as store planning and layout.

***Some UC transferable courses have credit limitations. For details, see a counselor, the Transfer Center advisor, or the articulation officer.**

Fashion 29ab

Computer Aided Design/Patternmaking

3 units; 2 hours lecture, 3 hours lab

Prerequisite: Fashion 3 with a minimum grade of C or concurrent equivalent

Credit; degree applicable

Transfer CSU

This course covers the application of computer pattern aided design "PAD System" software. Using the tools of the PAD system, students will draft and manipulate basic blocks and garment styles. Students will work in teams to simulate the work environment.

Note: Letter grade or CR/NCR option.

Fashion 31

History of Costume

3 units; 3 hours lecture

Recommended Preparation: eligibility for English 84

Credit; degree applicable

Transfer CSU

This course covers the important periods of costume design and their effects and relationships to political, social and economic conditions of the times and how they have influenced life style and culture. Emphasis is placed on both aesthetic and functional aspects of costumes and their importance in the evolution and inspiration of modern dress.

Note: Fashion 31 is now a General Education course under Associate in Science Degree Requirements: Section A-3, Humanities: Fashion 31

Fashion 35

Applied Color Theory

2 units; 1 hour lecture, 3 hours lab

Recommended Preparation: eligibility for English 84

Credit; degree applicable

Transfer CSU

In this course students are introduced to the essential theories of color perception and applied problems involving color interaction phenomenon, effects, and function that occur in fashion design. Students will use color as a visual language to modify space perception and to generate an emotional response when applied to fashion.

Fashion 36

Advanced Apparel Pattern Making and Draping Design

3 units; 2 hours lecture, 3 hours lab

Prerequisite: Fashion 25, 26A and 26B with a minimum grade of C in prerequisite

Credit; degree applicable

Transfer CSU

This course continues the study of flat pattern drafting and draping methods to produce apparel patterns quickly and accurately. For the development of design skills, students create individual projects that have unusual drafting angles and intricate draping details.

Fashion 37

Design for Apparel Manufacture

3 units; 2 hours lecture, 3 hours lab

Prerequisite: Fashion 14, 36, one semester of 15ab and 29ab with a minimum grade of C in prerequisite

Credit; degree applicable

Transfer CSU

This course covers the development of "designing a line of clothing: using industry production techniques and equipment, from sketch to pattern and final construction.

Note: This course is offered spring semester only.

Fashion 41

Fashion Analysis and Selection

3 units; 3 hours lecture

Recommended Preparation: eligibility for English 84

Credit; degree applicable

Transfer CSU

In this course students are introduced to the societal importance of apparel and personal appearance. Emphasis is placed on social, psychological, cultural, and physical clothing needs. Additional topics covered include the history of fashion design, elements and principles of design, wardrobe planning, identifying quality, and clothing care, fit, and purchasing.

Fashion 42abc (formerly 42)

Fashion Show Production and Promotion

3 units; 2 hours lecture, 2 hours lab plus 18 hours to be arranged

Recommended Preparation: eligibility for English 84

Credit; degree applicable

Transfer CSU

This course is a study of the directing and coordinating of fashion promotions, the psychology used in the marketing of fashion products, the functions of the fashion coordinator, and the techniques and procedures for presenting fashion. Students will evaluate advertising campaigns and participate in two promotions.

Fashion 50

Special Topics in Fashion

Units determined by individual course; lecture/lab hours determined by individual course

The course is designed to explore topics in Fashion more specific than provided in other courses in the regular department curriculum. Students are referred to the current schedule of classes for details of specific courses.

Fashion 95abcd

Cooperative Career Education

2-4 units; hours to be arranged

Enrollment Limitation:

Parallel Plan (Work and Attend School at the Same Time): Enrollment in a minimum of seven units, including Cooperative Career Education; employment in a job related to the major or career goal by the third week of the semester; completion of or current enrollment in one course from the major Alternate Plan (Work and Attend School Alternately): successful completion of one semester at El Camino College including one course from the major before initial enrollment plan; enrollment limited to one other class during the semester; employment in a job related to the major or career goal by the third week of the semester; successful completion of at least seven units of other class work at El Camino before re-enrolling in plan

Credit, degree applicable

Transfer CSU - limitations apply

Through a set of learning objectives established by the student, employer, and instructor, each student will work with and learn from experts in the Fashion field. These experiences will enable students to improve job skills, and analyze career opportunities and requirements, and compare these to personal potential and expectations.

Note: The maximum total units earned for CCE under both plans may not exceed 16 units.

Fashion 99abc

Independent Study

1-3 units; hours to be arranged

Enrollment Limitation: two courses in Fashion with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work

Credit, degree applicable

Transfer CSU - limitations apply

This course provides special advanced studies in a subject field of Fashion not covered in the regular department offerings. Regular conferences with the instructor are coordinated with assigned Fashion projects (60 hours per unit).

Note: Refer to page 11 of the 2007-2008 El Camino College Catalog

Fashion 100

Fashion Studio

0 units; minimum 1 hour lab per semester

Non-credit

This course provides the fashion student as well as other interested students with individualized instruction related to apparel projects. Student will receive instruction in proper techniques appropriate to their specific project. Student will apply designing or sewing skills to specific areas of construction, and computer assistance with fashion software will be available.

Note: This course is repeatable.

The hours per week of courses may be adjusted based on the length of the term.

FASHION DESIGN AND PRODUCTION

ASSOCIATE OF SCIENCE DEGREE

The Fashion Design and Production curriculum provides upgrade opportunities for currently employed personnel. Students gain proficiency in clothing, construction, fashion illustration, pattern making, draping, computer aided fashion design, and manufacturing. Competencies will be assessed by portfolios and exhibitions of original apparel design and garments. Students may expect to enter industry as a design assistant, costume technician, fashion consultant, stylist, entry-level pattern maker, quality control assistant, assistant merchandiser, or sales associate.

LEVEL	✓	SEMESTER TAKEN	COURSE #	COURSE DESCRIPTION	UNITS
●			FASHION 1	CAREER OPPORTUNITIES IN FASHION	1
●			FASHION 2	PRESENTATION TECHNIQUES FOR FASHION	1
●			FASHION 3	FASHION INTRODUCTION TO MACINTOSH	1
●			FASHION 4ab*	COMPUTER FASHION ILLUSTRATION	1
●			FASHION 10ab*	CLOTHING CONSTRUCTION I	3
●			FASHION 14	PATTERN GRADING	1
●			FASHION 15ab*	FASHION SKETCHING	2
●			FASHION 17ab*	DECORATIVE TEXTILES	1
●			FASHION 20	TEXTILES	3
○			FASHION 26A	BASIC DESIGN AND PATTERNMAKING	3
○			FASHION 26B	BASIC DRESS DESIGN THROUGH DRAPING PROCESS	3
★			FASHION 29ab*	COMPUTER AIDED PATTERNMAKING	3
○			FASHION 35	APPLIED COLOR THEORY	3
●			FASHION 41	FASHION ANALYSIS AND SELECTION	3
●			ART 10ab*	DRAWING FUNDAMENTALS	3
LEVEL		(*one semester of)	TOTAL UNITS 31		
●	BEGINNER	The hours per week of courses may not be adjusted based on the length of the term.	TOTAL COMPLETED UNITS ↕ ↓		
○	INTERMEDIATE		TOTAL UNCOMPLETED UNITS		
★	ADVANCED				

* Some UC transferable courses have credit limitations.

For details see a counselor, the Transfer Center, advisor, or the articulation officer.

INDUSTRY AND TECHNOLOGY DIVISION Fashion & Related Technologies

Counselors:

Ken Key (310) 660-3631 or email: kkey@elcamino.edu

Valencia Rayford (310) 660-6407 or email: vrayford@elcamino.edu

Fashion Instructor/Advisor: Ms. Vera Bruce (310) 660-3346 or email: vbruce@elcamino.edu

Fashion Website: <http://www.elcamino.edu/academics/indtech/fashion>

CERTIFICATE OF COMPETENCE AND COMPLETION

A Certificate of Competence will be awarded to the student who completes the course with a grade average of B or better. A Certificate of Completion will be granted to the student who completes the course with a grade average of C. At least 50% of the courses for the Associate in Science Degree must be completed at El Camino College.

LEVEL	✓	SEMESTER TAKEN	COURSE #	COURSE DESCRIPTION	UNITS
●			FASHION 1	CAREER OPPORTUNITIES IN FASHION	1
●			FASHION 2	PRESENTATION TECHNIQUES FOR FASHION	1
●			FASHION 3	FASHION INTRODUCTION TO MACINTOSH	1
●			FASHION 4ab*	COMPUTER FASHION ILLUSTRATION	1
●			FASHION 10ab*	CLOTHING CONSTRUCTION I	3
●			FASHION 14	PATTERN GRADING	1
●			FASHION 15ab*	FASHION SKETCHING	2
●			FASHION 17ab*	DECORATIVE TEXTILES	1
●			FASHION 20	TEXTILES	3
○			FASHION 26A	BASIC DESIGN AND PATTERNMAKING	3
○			FASHION 26B	BASIC DRESS DESIGN THROUGH DRAPING PROCESS	3
★			FASHION 29ab*	COMPUTER AIDED PATTERNMAKING	3
○			FASHION 35	APPLIED COLOR THEORY	3
●			FASHION 41	FASHION ANALYSIS AND SELECTION	3
●			FASHION 95abcd	COOPERATIVE CAREER EDUCATION	3
3 COURSES FROM THE FOLLOWING:					
○			FASHION 11ab*	CLOTHING CONSTRUCTION II	3
★			FASHION 16ab*	FASHION ILLUSTRATING	2
★			FASHION 24abc*	TAILORING	3
★			FASHION 31	HISTORY OF COSTUME	3
★			FASHION 36	ADVANCED DRAPING/PATTERNMAKING	3
★			FASHION 37	APPAREL DESIGN FOR MANUFACTURING	3
★			ART 10ab*	DRAWING FUNDAMENTALS	3
○			ART 37ab*	TWO-DIMENSIONAL DESIGN	3
LEVEL		(*one semester of)	TOTAL UNITS 38-41		
●	BEGINNER	The hours per week of courses may not be adjusted based on the length of the term.	TOTAL COMPLETED UNITS ↕ ↓		
○	INTERMEDIATE		TOTAL UNCOMPLETED UNITS		
★	ADVANCED				

FASHION MERCHANDISING

ASSOCIATE OF SCIENCE DEGREE

The Fashion Merchandising curriculum provides upgrade opportunities for currently employed personnel. Students completing the requirements for the merchandising option will also gain proficiency in presentation techniques, planning, promotion, fashion coordination, advertising, and sales. Competencies will be assessed by portfolios and exhibitions of original apparel design and garments. Students may expect to enter industry as a design assistant, costume technician, fashion consultant, stylist, entry-level pattern maker, quality control assistant, assistant merchandiser, or sales associate.

LEVEL	✓	SEMESTER TAKEN	COURSE #	COURSE DESCRIPTION	UNITS
●			FASHION 1	CAREER OPPORTUNITIES IN FASHION	1
●			FASHION 2	PRESENTATION TECHNIQUES FOR FASHION	1
●			FASHION 3	FASHION INTRODUCTION TO MACINTOSH	1
●			FASHION 4ab*	COMPUTER FASHION ILLUSTRATION	1
●			FASHION 10ab*	CLOTHING CONSTRUCTION I	3
●			FASHION 15ab*	FASHION SKETCHING	2
●			FASHION 20	TEXTILES	3
○			FASHION 27	FASHION MERCHANDISING	3
○			FASHION 28	VISUAL MERCHANDISING	2
○			FASHION 35	APPLIED COLOR THEORY	2
●			FASHION 41	FASHION ANALYSIS AND SELECTION	3
★			FASHION 42	FASHION SHOW PRODUCTION	3
★			BUSINESS 22	HUMAN RELATIONS IN BUSINESS	3
LEVEL		(*one semester of)			
●	BEGINNER	The hours per week of courses may not be adjusted based on the length of the term.	TOTAL UNITS 28		
○	INTERMEDIATE		TOTAL COMPLETED UNITS ↕ ↕		
★	ADVANCED		TOTAL UNCOMPLETED UNITS		

* Some UC transferable courses have credit limitations.

For details see a counselor, the Transfer Center, advisor, or the articulation officer.

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LEVEL	✓	SEMESTER TAKEN	COURSE #	COURSE DESCRIPTION	UNITS
●			FASHION 1	CAREER OPPORTUNITIES IN FASHION	1
●			FASHION 2	PRESENTATION TECHNIQUES FOR FASHION	1
●			FASHION 3	FASHION INTRODUCTION TO MACINTOSH	1
●			FASHION 4ab*	COMPUTER FASHION ILLUSTRATION	1
●			FASHION 10ab*	CLOTHING CONSTRUCTION I	3
●			FASHION 15ab*	FASHION SKETCHING	2
●			FASHION 20	TEXTILES	3
○			FASHION 27	FASHION MERCHANDISING	3
○			FASHION 28	VISUAL MERCHANDISING	2
○			FASHION 35	APPLIED COLOR THEORY	2
●			FASHION 41	FASHION ANALYSIS AND SELECTION	3
★			FASHION 42	FASHION SHOW PRODUCTION	3
●			FASHION 95abcd	COOPERATIVE CAREER EDUCATION	2-4
○			BUSINESS 15	BUSINESS MATHEMATICS	3
★			BUSINESS 22	HUMAN RELATIONS IN BUSINESS	3
2 COURSES FROM THE FOLLOWING:					
○			BUSINESS 12	ADVERTISING	3
○			BUSINESS 13	PERSONAL SELLING	2
○			BUSINESS 14	MARKETING	3
○			BUSINESS 21	PERSONAL MANAGEMENT	3
○			BUSINESS 27	EFFECTIVE ENGLISH FOR BUSINESS	3
LEVEL		(*one semester of)			
●	BEGINNER	The hours per week of courses may not be adjusted based on the length of the term.	TOTAL UNITS 40-42		
○	INTERMEDIATE		TOTAL COMPLETED UNITS ↕ ↕		
★	ADVANCED		TOTAL UNCOMPLETED UNITS		

CERTIFICATE OF COMPLETION

A Certificate of Completion will be granted to the student who completes the course in one of the following options: Computer Patternmaking Technician, Costume Technician, Fashion Design and Production (pg. 3), Fashion Merchandising (pg. 4), or Fashion Stylist with a grade average of C. At least 50% of the courses for the Certificate of Completion must be completed at El Camino College.

COMPUTER PATTERNMAKING TECHNICIAN

LEVEL	✓	SEMESTER TAKEN	COURSE #	COURSE DESCRIPTION	UNITS	
○			FASHION 11ab	CLOTHING CONSTRUCTION II	3	
●			FASHION 14	PATTERN GRADING	1	
●			FASHION 15ab	FASHION SKETCHING	2	
○			FASHION 26A	BASIC DESIGN AND PATTERNMAKING	3	
*			FASHION 29ab	COMPUTER AIDED PATTERNMAKING	3	
LEVEL		(*one semester of)		TOTAL UNITS 12		
●	BEGINNER	The hours per week of courses may not be adjusted based on the length of the term.	TOTAL COMPLETED UNITS ↕		↓	
○	INTERMEDIATE		TOTAL UNCOMPLETED UNITS			
*	ADVANCED					

COSTUME TECHNICIAN

LEVEL	✓	SEMESTER TAKEN	COURSE #	COURSE DESCRIPTION	UNITS	
●			FASHION 10ab	CLOTHING CONSTRUCTION 1	3	
○			FASHION 11ab	CLOTHING CONSTRUCTION II	3	
●			FASHION 17ab	DECORATIVE TEXTILES	1	
*			FASHION 24abc	TAILORING	3	
*			FASHION 31	HISTORY OF COSTUME	3	
○			FASHION 35	APPLIED COLOR THEORY	2	
●			FASHION 41	FASHION ANALYSIS AND SELECTION	3	
*			THEATRE 94	COSTUMING FOR STAGE	2	
LEVEL		(*one semester of)		TOTAL UNITS 21		
●	BEGINNER	The hours per week of courses may not be adjusted based on the length of the term.	TOTAL COMPLETED UNITS ↕		↓	
○	INTERMEDIATE		TOTAL UNCOMPLETED UNITS			
*	ADVANCED					

FASHION STYLIST

LEVEL	✓	SEMESTER TAKEN	COURSE #	COURSE DESCRIPTION	UNITS	
●			FASHION 10ab	CLOTHING CONSTRUCTION 1	3	
○			FASHION 23	FITTING AND ALTERATIONS	2	
*			FASHION 31	HISTORY OF COSTUME	3	
○			FASHION 35	APPLIED COLOR THEORY	2	
●			FASHION 41	FASHION ANALYSIS AND SELECTION	3	
*			FASHION 42	FASHION SHOW AND PRODUCTION	3	
●			FASHION 95abcd	COOPERATIVE CAREER EDUCATION	2	
LEVEL		(*one semester of)		TOTAL UNITS 18		
●	BEGINNER	The hours per week of courses may not be adjusted based on the length of the term.	TOTAL COMPLETED UNITS ↕		↓	
○	INTERMEDIATE		TOTAL UNCOMPLETED UNITS			
*	ADVANCED					

Academic Affairs

Industry and Technology Fashion & Related Technologies

Dr. Stephanie Rodriguez, Dean
Office - Technical Arts Building, first floor, TA 102
(310) 660-3600

Dr. Thomas Jackson, Associate Dean
Office - Technical Arts Building, second floor TA 207

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Valencia Rayford (310) 660-6407 or email: vrayford@elcamino.edu

Fashion Instructor/Advisor:

Ms. Vera Bruce (310) 660-3346 or email: vbruce@elcamino.edu

(For more detailed information about the Associate in Science Degree Requirements, Catalog Rights, Certificates, Preparation for Transfer, & Honors Programs for Fashion Majors, please consult with the 2007-2008 El Camino College Catalog, Section 3 page 29-40)

*** Some UC transferable courses have credit limitations.**

For details see a counselor, the Transfer Center, advisor, or the articulation officer.

Fashion Website: <http://www.elcamino.edu/academics/indtech/fashion>

FASHION DEPARTMENT MISSION STATEMENT

The Fashion Department of El Camino College is embedded within the Industry & Technology Division. Our primary objective is student success. We strive to achieve the following goals:

- To exceed the educational needs of students entering the Fashion Department for a "first look around" or as declared fashion majors.
- To provide support through campus counseling and networking with industry professionals.
- To encourage teamwork and student awareness of the changing and fast-paced Fashion Industry through the campus club, "Tailor Made."
- To graduate students ready for entry-level positions within the fashion industry job market.

Industry & Technology Division • Fashion & Related Technologies

FALL/SPRING ANTICIPATED TIMELINE COURSE OUTLOOK

Key courses: Fashion 1, 2, 3, 4ab, 10ab, 11ab, 14, 15ab, 16ab, 17ab, 20, 23, 26A, 26B, 27, 28, 29ab, 31, 35, 36, 37, 41, 42abc, 95abcd, 99abc & 100

FALL		
FASH 1	Career Opportunities in Fashion	1 Unit I
FASH 3	Fashion Introduction to Macintosh	1 Unit I
FASH 4ab	Computer Fashion Illustration	1 Unit I
FASH 10ab	Clothing Construction I	3 Units I
FASH 11ab	Clothing Construction II	3 Units II
FASH 15ab	Fashion Sketching	2 Units I
FASH 23	Fitting and Alterations	2 Units I
FASH 24abc	Tailoring	3 Units II
FASH 26A	Basic Design and Patternmaking	3 Units II
FASH 27	Fashion Merchandising	3 Units I
FASH 29ab	Computer Aided Design/Patternmaking	3 Units II
FASH 31	History of Costume	3 Units II
FASH 35	Applied Color Theory	2 Units I
FASH 41	Fashion Analysis and Selection	3 Units III
FASH 95abcd	Cooperative Career Education	2-4 Units I
FASH 99abc	Independent Study	1-3 Units II
	*All Classes are offered subject to class enrollment	
	Level of Difficulty Beginner_____I Intermediate____II Advanced_____III	

SPRING		
FASH 1	Career Opportunities in Fashion	1 Unit I
FASH 2	Presentation of Techniques for Fashion	1 Unit I
FASH 3	Fashion Introduction to Macintosh	1 Unit I
FASH 4ab	Computer Fashion Illustration	1 Unit I
FASH 10ab	Clothing Construction I	3 Units I
FASH 11ab	Clothing Construction II	3 Units II
FASH 14	Pattern Grading	1 Unit I
FASH 16ab	Fashion Illustrating	2 Units I
FASH 17ab	Decorative Textiles	1 Unite II
FASH 20	Textiles	3 Units I
FASH 23	Fitting and Alterations	2 Units I
FASH 26B	Basic Design Through Draping Process	3 Units II
FASH 28	Visual Merchandising	2 Units I
FASH 31	History of Costume	3 Units II
FASH 36	Adv. Apparel Patternmaking & Draping Design	3 Units III
FASH 37	Design for Apparel Manufacturer	3 Units III
FASH 42	Fashion Show Production and Promotion	3 Units II
FASH 95abcd	Cooperative Career Education	2-4 Units I
FASH 99abc	Independent Study	1-3 Units II

Section III

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Fine Arts

Dean, Position Vacant

Office - Music Building, Room 101 (310) 660-3715

The Division of Fine Arts includes art, dance, film video, music, photography, speech communication, and theatre. The courses are designed to enlarge the cultural life of the student, the school, and the community. In addition, art exhibits, theatre productions, musical theatre productions, choral and instrumental concerts, recitals, speeches, debates, and special workshops are offered as a means of providing opportunities for development of the talents of interpretive and creative expression.

The Fine Arts Division offers a variety of performances by nationally and internationally acclaimed artists through El Camino College's Center for the Arts. Fine Arts students participate by attendance at certain performances and residency workshops offered by many of these artists.

Academic Affairs

Deans, Directors, and Academic Offices

El Camino College's instructional courses and programs are organized and administered through academic divisions and academic offices under the direction of the vice president of Academic Affairs. The Academic Affairs Office is located on the first floor of the Administration Building, room 116. Division offices normally are open from 7:45 a.m. to 4:30 p.m., Monday through Friday.

Counseling and academic advisement are offered for each division. Appointments to see a counselor may be made through the Counseling Services Center appointments desk which is located on the first floor of the Student Services Center. Evening appointments are available.

Behavioral and Social Sciences

Dr. Gloria E. Miranda, Dean

Office - Social Science Building, Room 101 (310) 660-3735

The Division of Behavioral and Social Sciences offers instruction in American studies, anthropology, child education, economics, education, history, human development, philosophy, political science, psychology, sociology and women's studies.

These courses are designed to provide students with the opportunity to examine and gain an understanding in these areas:

1. Political, social, and economic aspects of past and present cultures in preparation for the future;
2. Human values, ethical outlooks, moral standards and their importance in the development of personal worth, obligations and responsibilities; and
3. Psychological and social forces which shape human behavior and the impact of such forces on all facets of culture.

Business

Dr. Virginia L. Rapp, Dean

Office - Business Building, Room 107 (310) 660-3770

The Division of Business offers courses in accounting, computer information systems, finance, marketing, management, office administration, supervision, real estate, paralegal studies and law.

In these fields, curricula emphasize both theoretical and practical training and prepare the student to meet lower division requirements to transfer to four-year institutions or to enter directly into employment.

Health Sciences and Athletics

Dean, Position Vacant

Office - Behavioral Sciences Building first floor, Art 101 (310) 660-3545

Director of Nursing, Position Vacant

Office - Technical Arts Building, TA 101B (310) 660-3281

Ms. Dipte Patel, Director of Special Resource Center

Office - Student Services Center, East Wing (310) 660-3295

The Division of Health Sciences and Athletics offers education and training programs in the health sciences, kinesiology co-educational physical education activities, adapted physical education, recreation, basic first aid, CPR, men's and women's athletics, educational development, and sign language/interpreter training.

Within the division, the kinesiology department provides extensive offerings in exercise science as well as a variety of lifetime and fitness activities including golf, aquatics, strength training, racquet sports, combatives, and aerobic programs. The exercise science program promotes health care through a wellness approach using extensive individualized assessments. The curriculum includes courses that prepare students for personal trainer certification, senior fitness programs for successful aging, and for fitness and sports nutrition. The adaptive exercise program serves students who have a wide range of disabilities including spinal cord injuries, head traumas, MS, CP, and lung disease. Successful completion of the first aid courses will lead to Red Cross certification in first aid, CPR, and basic life support. Basic water safety instruction and lifeguard training courses are also available and may lead to Red Cross certification. The division provides opportunities for intercollegiate athletic competition in eleven men's and ten women's sports.

The health sciences programs include health education, exercise science, nursing, radiological technology and respiratory care. Health education provides a survey of contemporary health issues designed to familiarize students with sound approaches to good health. The exercise science program promotes preventive health care through a wellness approach using extensive individual assessments leading to personalized interventions and program development. The registered nursing program includes requirements for the Associate in Science degree and prepares students to take the National Licensing Examination. The radiological technology (medical x-ray) program is an allied health specialty designed to provide courses which will prepare the student to function as a skilled radiological technologist. The respiratory care program is designed to provide the respiratory care science and clinical courses needed to prepare the student to function as a skilled respiratory therapist. The Special Resource Center provides support services and auxiliary aids for students with disabilities.

Humanities

Mr. Thomas K. Lew, Dean
Office - Communications Building, Room 201
(310) 660-3316

Dr. Barbara Jaffe, Associate Dean
Office - Communications Building, Room 201

The Division of Humanities offers students the opportunity to engage in skills-building and liberal arts courses to further their educational goals. Through courses in academic strategies and library information science, students learn the skills they need to succeed in college courses. English as a Second Language courses provide proficiency in English, and developmental reading and writing classes assist students who need additional skills before entering college-level courses.

The division offers a wide variety of foreign language courses, including Chinese, French, German, Italian, Japanese, and Spanish. Journalism classes emphasize writing of news and feature stories, culminating in the weekly publication of the school newspaper. Once a year, a magazine production class publishes *Warrior Life*. Instruction in composition ranges from basic to advanced, and creative writing courses provide training for and support of poets and fiction writers. The literature courses broaden students' understanding and appreciation of writers and their texts throughout the ages. The division annually produces *Myriad*, a student literary journal, as well as *Our Voices*, a student development writing journal.

Industry and Technology

Dean, Position Vacant
Office - Technical Arts Building, first floor, TA 102
(310) 660-3600

Dr. Thomas Jackson, Associate Dean

Office - Technical Arts Building, second floor, TA 207

The division offers courses that provide marketable skills by obtaining a certificate or an associate degree in these program areas: air conditioning and refrigeration, architecture, administration of justice, automotive collision repair/painting, automotive technology, computer aided design/drafting, construction technology, cosmetology, electronics and computer hardware technology, environmental technology, family and consumer studies, fashion, fire and emergency technology, machine tool technology, manufacturing technology, paramedical technician, quality assurance, and welding. The division also offers courses in culinary arts, engineering technology, and nutrition and foods.



Learning Resources

Ms. Alice Grigsby, Director
Office - Library, Room 110
(310) 660-3525

Learning Resources offers a wide range of support programs and services to sustain and complement the teaching-learning program of the college. Current resources and well-equipped facilities are made available to both students and faculty. Services are provided by library services, the Learning Resources Center, open computer labs, tutorial services, and video and audio-visual communication services. Programs include Distance Education, which offers accredited college courses via television and computer.

Mathematical Sciences

Dr. Donald V. Goldberg, Dean
Office - Math and Computer Science Building, Room 101
(310) 660-3200

The Division of Mathematical Sciences offers instruction to students in mathematics, engineering, and computer science. Mathematics courses include basic skills development, general education for students seeking university transfer, and specialized courses for future teachers. Full two-year programs for mathematics, computer science, and engineering majors are offered. The computer science program includes language courses in Java, C++, C#, and Fortran. The division faculty is proud of its distinguished reputation for rigorous preparation of future scholars, scientists, engineers, and others who will employ mathematics.

The division is dedicated to promoting student success at all levels. The Mathematics Study Center and the Math-Science Multimedia Computer Lab provide places for group study, one-to-one tutoring, and computer-assisted learning on a drop-in basis. Many mathematics courses provide students the opportunity to use computational technology, such as graphing calculators, *Mathematica*, and MINITAB.

Natural Sciences

Dean, Position Vacant
Office - Life Science Building, Room 101
(310) 660-3343

The Division of Natural Sciences offers instruction in the biological and physical sciences for science and non-science majors. The division is comprised of six areas: astronomy, chemistry, earth sciences, environmental horticulture, life sciences, and physics. Earth sciences courses are offered in geography, geology, and oceanography. Life sciences courses are offered in anatomy, biology, field studies, microbiology, and physiology. The division provides a comprehensive lower division curriculum for science majors preparing to transfer to four-year universities. Also provided are general education courses that are designed to allow students to understand and apply the scientific method and to understand basic underlying principles of nature and the relevance to their lives. The division also supports ScienceFEST, a program designed to assist future elementary school teachers relate what they are learning in their science classes to the science they will be teaching to their students.

The division maintains a planetarium and observatory with several telescopes for its instructional program in astronomy and for public outreach. With the Chronos star projector, faculty are able to display a realistic sky of the past, present, and future from different locations in the solar system. There are monthly open houses at the observatory and, when possible, planetarium shows are provided for schools and the public.

Associate in Arts Degree and Associate in Science Degree Programs

Associate in Arts Degree

Administration of Justice*
 Anthropology
 Art
 Childhood Education*
 Dance
 Economics
 English
 Ethnic Studies
 Family and Consumer Studies*
 Film/Video*
 French
 General Studies
 History
 Japanese
 Journalism*
 Liberal Studies (Elementary School Teaching)
 Music
 Paralegal Studies*
 Philosophy
 Physical Education
 Political Science
 Psychology
 Real Estate*
 Recreation
 Sign Language/Interpreter Training*
 Sociology
 Spanish
 Speech Communication
 Theatre
 Transfer Studies

*Indicates Vocational Program



Associate in Science Degree

Air Conditioning and Refrigeration*
 Architecture*
 Astronomy
 Automotive Collision Repair/Painting*
 Automotive Technology*
 Biology
 Business:
 Accounting*
 Business Administration*
 Business Management*
 Marketing*
 Office Administration*
 Chemistry
 Computer Aided Design/Drafting*
 Computer Information Systems*
 Computer Science
 Construction Technology*
 Cosmetology*
 Electronics and Computer Hardware Technology*
 Engineering Technology*
 (pending System Office approval)
 Environmental Horticulture*
 Environmental Technology*
 Fashion*
 Fire and Emergency Technology*
 General Science
 Geography
 Geology
 Industrial Technology
 Laboratory Technician (Medical)*
 Machine Tool Technology*
 Manufacturing Technology*
 Mathematics
 Mathematics - General
 Nursing*
 Photography*
 Physical Science
 Physics
 Pre-Dentistry
 Pre-Engineering
 Pre-Medicine
 Pre-Nursing
 Pre-Optometry
 Pre-Pharmacy
 Quality Assurance*
 Radiologic Technology*
 Respiratory Care*
 Transfer Studies
 Welding*

*Indicates Vocational Program

Associate Degree

Definition of Associate Degree

The Associate Degree leads students through patterns of learning experiences designed to develop certain capabilities and insights. Among these are the ability to think critically and to communicate clearly and effectively both orally and in writing; to use mathematics; to understand the modes of inquiry of the major disciplines; to be aware of other cultures and times; to achieve insights gained through experience in thinking about ethical problems; to find, evaluate, use, and communicate information in various formats; and to develop the capacity for self-understanding. In addition to these accomplishments, the student shall possess sufficient depth in some field of knowledge to contribute to lifetime interest.

An Associate in Arts degree is granted in a discipline in which behavioral sciences, fine arts, human movement, humanities, public affairs, or social sciences are integral within the academic area.

An Associate in Science degree is granted in a discipline in which scientific thought and investigation are integral within the academic area or where there is emphasis on the application of mathematics, science, or technology.

Philosophy for Associate Degree and General Education

Board Policy 4025

El Camino College recognizes the importance of the individual to the local, state, national, and international communities. The College, through the awarding of an associate degree, strives to create an environment which stimulates greater individual creativity and achievement, personal and social responsibility, as well as ethical and technological awareness. The degree requirements lead students through patterns of learning experiences designed to develop certain capabilities and insights through general education and sufficient depth in a specific field of knowledge.

El Camino College recognizes the need to provide a multidimensional, multicultural, and integrative general education curriculum, as the core of the associate degree. With this objective in mind, El Camino College pledges to develop and maintain a general education curriculum that promotes critical thinking and analytical skills, clear and precise expression, cultural and artistic sensitivity, personal growth, health, and self-understanding. General education curriculum will enhance appreciation and understanding of the scientific method and the relationships between science and other human activities. It will also develop an understanding of methods of inquiry regarding human behavior, foster an appreciation of how societies and social groups operate, and develop awareness of the ways people throughout the ages have responded to themselves and the world around them in artistic and cultural creations.

General Education Criteria for Associate in Arts and Associate in Science Degrees

1. Natural Sciences. Courses in the natural sciences are those which examine the physical universe, its life forms, and its natural phenomena. To satisfy the general education requirement in natural sciences, a course shall be designed to help the student develop an appreciation and understanding of the scientific method and encourage an understanding of the relationships between science and other human activities.

This category would include introductory or integrative courses in astronomy, biology, chemistry, general physical science, geology, meteorology, oceanography, physical geography, physical anthropology, physics, and other scientific disciplines which

emphasize experimental methodology, the testing of hypotheses, and the power of systematic questioning, rather than only the recall of facts. Courses which focus on personal, practical, or applied aspects are not suitable for this category.

2. Social and Behavioral Sciences. Courses in the social and behavioral sciences promote an appreciation and understanding of how members of diverse societies operate or have operated as individuals and social groups. To satisfy the general education requirement in social and behavioral sciences, a course shall develop an awareness of methods of inquiry and stimulate critical thinking about the ways in which people act and interact within social and cultural contexts.

This category would include introductory or integrative survey courses such as child development, cultural anthropology, cultural geography, economics, family and consumer studies, history, political science, psychology, sociology, and related disciplines.

3. Humanities. Courses in the humanities are those that promote an appreciation of the cultural activities and artistic expressions of human beings. To satisfy the general education requirement in humanities, a course shall develop the student's awareness of the ways that people throughout the ages have artistically and culturally responded to themselves and the world around them and shall develop the student's aesthetic understanding and ability to make value judgments.

This category would include introductory or integrative courses in the arts, foreign languages, literature, philosophy, and religion.

4. Language and Rationality. Courses in language and rationality are those that develop for the student the principles and applications of language toward logical thought, clear and precise expression, and critical evaluation.

A. English Composition. Courses that fulfill the written composition requirement shall focus primarily on both expository and argumentative writing.

B. Communication and Analytical Thinking. Courses that fulfill the communication and analytical thinking requirement shall include oral communications, written communications, critical reasoning, mathematics, logic, statistics, and computer languages and programming.

5. Health and Physical Education. Courses in health and physical education promote lifelong understanding of the basic human need for development and maintenance of good personal health and fitness. To satisfy the general education requirement in health education, a course shall help the student develop knowledge of personal health through the examination of health-related social problems, potential preventative strategies, and mediating actions. A physical education course shall establish a foundation for regular life-long physical activity and provide opportunities for a student to develop competencies in activities that promote movement, reduce disease risk, and improve overall quality of life.

6. Mathematics Competency. A course designed to satisfy the Mathematics Competency requirement must be at the elementary algebra level or higher and shall expand students' mathematical reasoning skills as they develop mathematical arguments. Courses shall integrate numeric, symbolic, functional, and spatial concepts. Courses shall enable students to apply their knowledge of mathematics to meaningful applications and explorations, to solve mathematical problems, and to judge the reasonableness of their results. Courses that are computational in nature are not suitable for this category.

Graduation

To receive an Associate in Arts or an Associate in Science degree from El Camino College, a student must complete at least 60 units in degree applicable college courses which must include general education requirements and course work in an approved transfer major or associate degree program. Course work toward the degree must be completed with a cumulative grade point average (GPF) of 2.00 or higher. A minimum of 12 of the required 60 degree applicable units must be successfully completed at El Camino College. A notation of "Graduation with Honors" is earned with a cumulative GPF of 3.5 or higher.

Students must file an intent to graduate in the evaluations area located in the Admissions Office by the deadline date published in the schedule of classes.

Evaluation of Completion of Requirements

Students who want to graduate from El Camino College with an Associate in Arts or Associate in Science degree must file an Intent to Graduate form, which is evaluated according to the following conditions:

1. Catalog requirement – Degree requirements are derived from the catalog in effect at the time the student entered El Camino College or from the current catalog, following the Catalog Rights guidelines (described below). Each catalog is in effect during the academic year for which it was published (fall semester through the summer session).
2. Residency requirement – A minimum of 12 of the required degree applicable units must be successfully completed at El Camino College.
3. Unit requirement – Sixty (60) degree applicable units are required for the associate degree, including appropriate general education and major requirements.
4. Coursework toward the degree must be completed with a cumulative grade point average (GPF) of 2.0 or higher in work at El Camino College and in work completed at all colleges.

Catalog Rights

Board Policy 4100.1

The El Camino College Catalog specifies the general education, major, and unit requirements which the student must satisfy to qualify for an Associate Degree, a Certificate of Competence, or a Certificate of Completion. Students who have maintained continuous enrollment may choose to graduate under the catalog requirements in effect either 1) at the time they began attending El Camino College continuously or 2) at the time they graduate from El Camino College. For degree and certificate purposes, continuous enrollment is defined as enrolling at El Camino College at least one semester (excluding summer and winter terms) each academic year and receiving a letter grade, a W, or a CRT/NC designation on the transcript.

Double Major

Students may receive a double major upon completion of the major requirements for the second major.

Second Degree

Students may receive both an Associate in Arts and an Associate in Science Degree upon the completion of the specific general education and major requirements for each degree as stated in the catalog.

General Information

Some courses listed in the associate degree requirements may not transfer to a four-year college or university. Please refer to the course notations listed in the curriculum section of this catalog.

All degrees require a total of 60 units with no fewer than 18 units in the major and appropriate general education courses as indicated on the A.A. or A.S. degree patterns that follow.



Associate in Arts Degree

A. A. Degree Requirements

Refer to Page 33 for general requirements. Complete requirements specified under Section A, Section B, and Section C.

Section A - General Education Requirements

A student has three options to complete the General Education Requirements.

OPTION I is designed for students completing the El Camino College major.

OPTION II is designed for students completing CSU transfer requirements.

OPTION III is designed for students completing CSU/UC (IGETC) transfer requirements.

OPTION I: EL CAMINO COLLEGE REQUIREMENTS

Complete the specified number of units in categories 1 through 5 and the mathematics competency requirement in category 6.

1. NATURAL SCIENCES: minimum of 3 semester units

Anatomy 30, 32
Anthropology 1
Astronomy 20, 25
Biology 1A, 8, 10, 11, 12, 15, 16, 17, 101, 102
Chemistry 1A, 4, 20, 21A
Geography 1, 9
Geology 1, 2, 6, 15
Microbiology 33
Oceanography 10
Physical Science 25
Physics 1A, 2A, 3A, 11
Physiology 31

2. SOCIAL AND BEHAVIORAL SCIENCE: minimum of 9 semester units

One course from A, one course from B, and one course from C:

A. American Studies 1, 3, 7
History 1A, 1B, 8, 9, 16A, 16B, 17, 18A, 18B, 32
Women's Studies 1
B. Political Science 1, 5, 6, 8
C. Anthropology 2, 3, 4, 6, 8, 10
Business 17, 22
Child Development 3, 9
Economics 1, 2, 5
Education 180
Ethnic Studies 1
Family and Consumer Studies 38
Geography 2, 5, 7
History 3, 4, 5A, 5B, 12A, 12B, 14A, 14B, 19, 22, 25, 27, 37
History of Science 11
Psychology 2, 5, 7, 8, 10, 11, 12, 16
Sociology 101, 102, 104, 107, 112

3. HUMANITIES: minimum of 3 semester units

Architecture 104
Art 1, 2, 3, 4, 5A, 5B, 6, 7, 9, 108, 150
Chinese 1, 2
Dance 1, 3
English 1B, 10, 11, 12, 15A, 15B, 18, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31, 33, 34, 35, 36, 39, 40A, 40B, 41A, 41B, 42, 43, 44, 47
Fashion 31
Film/Video 1, 3, 52, 53

French 1, 2, 3, 4, 5, 6, 24, 35
German 1, 2, 3, 4, 5, 24
Italian 1, 2, 24
Japanese 1, 2, 3, 4
Music 11, 12, 13, 15A, 15B
Philosophy 2, 3, 7, 10, 11, 23
Sign Language/Interpreter Training 15, 16, 17A, 17B
Spanish 1, 2, 3, 4, 5, 6, 24, 52A, 52B
Speech Communication 8
Theatre 1, 4, 8

4. LANGUAGE AND RATIONALITY: minimum of 6 units One course from A and one course from B:

A. English Composition:

Business 27, 28
English 1A

Journalism 1

B. Communication and Analytical Thinking:

Business 29

Computer Information Systems 13, 16, 80

Computer Science 1, 10

English 1C, 72

Journalism 12

Mathematics 70, 110, 111, 115, 116, 120, 130, 140, 150, 160, 161, 170, 180, 190, 191, 210, 220, 270

Philosophy 5, 8

Psychology 3, 9A

Sociology 109

Speech Communication 1, 3, 4, 5, 12, 14

Supervision 27

5. HEALTH AND PHYSICAL EDUCATION: minimum of 3 semester units

Contemporary Health 1

Physical Education 260

Physical Activity or Fitness Courses:

Dance 9ab, 10, 14ab, 16ab, 17abcd, 18abcd, 19ab, 20abcd, 22ab, 23abcd, 32ab, 33abcd, 35abcd, 42ab, 43abcd, 51ab, 52abcd, 53ab, 54abcd, 62abcd

Physical Education 1abcd, 2abcd, 4abcd, 5ab, 6abc, 7abcd, 14abcd, 15ab, 16abc, 20ab, 21abc, 25ab, 26abc, 35ab, 36abc, 45ab, 46abc, 54abcd, 57ab, 58abc, 60ab, 61abc, 65ab, 66abc, 70ab, 71abc, 74abcd, 75ab, 76abc, 80ab, 81abc, 85ab, 86abc, 87ab, 101abcd, 102abcd, 105ab, 106abc, 110ab, 111abc, 115ab, 116abc, 120ab, 121abc, 125ab, 126abc, 130ab, 131abc, 132ab, 133abc, 135abcd, 204abcd, 208abcd, 221abcd, 222abcd, 224abcd, 232abcd, 238abcd, 240abcd, 241abcd, 244abcd, 245abcd, 251abcd, 253abcd, 256abcd, 280, 285abcd, 300abcd, 302abcd, 350abcd, 400abcd, 401abcd, 402abcd, 404abcd, 407abcd

(This category may be exempted by one of the following:

- 1) Pass the Contemporary Health waiver exam; or
- 2) Approval of a petition for military service credit.)

6. MATHEMATICS COMPETENCY

Pass the Mathematics Competency Test (a test separate from the Mathematics Placement Test) equivalent to the first course in algebra (Mathematics 40 or 41B) or satisfactorily complete one of the approved courses for this category.

Computer Science 15P

Mathematics 40, 41B, 70, 110, 111, 115, 116, 120, 130, 140, 150, 160, 161, 170, 180, 190, 191, 210, 220, 270

Psychology 9A

Sociology 110

OPTION II: CSU TRANSFER REQUIREMENTS

See page 37 of this catalog.

OPTION III: CSU/UC (IGETC) REQUIREMENTS

See page 39 of this catalog.

Section B - Major Requirements

Satisfy either the El Camino College Major option or the Transfer Major option.

El Camino College Major

Complete the courses specified for one of the majors listed alphabetically in Section IV, Curriculum, of this College catalog.

Transfer Major

Complete the lower division transfer major requirements for an accredited four-year college or university. If there are no lower division requirements in the transfer major or if the requirements for the transfer major are less than 18 units, students must complete an El Camino College major.

Section C - Electives

El Camino College Major

To reach the total of 60 degree applicable units required for graduation, students must choose electives from degree applicable courses. Students may count only 6 units of Physical Education as elective credit for graduation.

Transfer Major

60 degree applicable units are required for graduation. To qualify for transfer to CSU or UC, electives must be chosen from transferable courses. Students may count only 4 units of Physical Education as transfer credit.

Associate in Science Degree

A. S. Degree Requirements

Refer to Page 33 for general requirements. Complete requirements specified under Section A, Section B, and Section C.

Section A - General Education

Requirements

A student has three options to complete the General Education Requirements.

OPTION I is designed for students completing the El Camino College major.

OPTION II is designed for students completing CSU transfer requirements.

OPTION III is designed for students completing CSU/UC (IGETC) transfer requirements.

OPTION I: EL CAMINO COLLEGE REQUIREMENTS

Complete the specified number of units in categories 1 through 5 and the mathematics competency requirement in category 6.

1. NATURAL SCIENCES: minimum of 3 semester units

Anatomy 30, 32
 Anthropology 1
 Astronomy 20, 25
 Biology 1A, 8, 10, 11, 12, 15, 16, 17, 101, 102
 Chemistry 1A, 4, 20, 21A
 Geography 1, 9
 Geology 1, 2, 6, 15
 Microbiology 33
 Oceanography 10
 Physical Science 25
 Physics 1A, 2A, 3A, 11
 Physiology 31

2. SOCIAL AND BEHAVIORAL SCIENCE: minimum of 6 semester units

One course from A or B, plus one course from A, B, or C:

A. American Studies 1, 3, 7

History 1A, 1B, 8, 9, 16A, 16B, 17, 18A, 18B, 32

Women's Studies 1

B. Political Science 1, 5, 6, 8

C. Anthropology 2, 3, 4, 6, 8, 10

Business 17, 22

Child Development 3, 9

Economics 1, 2, 5

Education 180

Ethnic Studies 1

Family and Consumer Studies 38

Geography 2, 5, 7

History 3, 4, 5A, 5B, 12A, 12B, 14A, 14B, 19, 22, 25, 27, 37

History of Science 11

Psychology 2, 5, 7, 8, 10, 11, 12, 16

Sociology 101, 102, 104, 107, 112

3. HUMANITIES: minimum of 3 semester units

Architecture 104

Art 1, 2, 3, 4, 5A, 5B, 6, 7, 9, 108, 150

Chinese 1, 2

Dance 1, 3

English 1B, 10, 11, 12, 15A, 15B, 18, 20, 21, 22, 23, 26, 27, 28, 29, 33, 31, 33, 34, 35, 36, 39, 40A, 40B, 41A, 41B, 42, 43, 44, 47

Fashion 31

Film/Video 1, 3, 52, 53

French 1, 2, 3, 4, 5, 6, 24, 35

German 1, 2, 3, 4, 5, 24

Italian 1, 2, 24

Japanese 1, 2, 3, 4

Music 11, 12, 13, 15A, 15B

Philosophy 2, 3, 7, 10, 11, 23

Sign Language/Interpreter Training 15, 16, 17A, 17B

Spanish 1, 2, 3, 4, 5, 6, 24, 52A, 52B

Speech Communication 8

Theatre 1, 4, 8

4. LANGUAGE AND RATIONALITY: minimum of 6 units

One course from A and one course from B:

A. English Composition:

Business 27, 28

English 1A

Journalism 1

B. Communication and Analytical Thinking:

Business 29

Computer Information Systems 13, 16, 80

Computer Science 1, 10

English 1C, 72

Journalism 12

Mathematics 70, 110, 111, 115, 116, 120, 130, 140, 150, 160, 161, 170, 180, 190, 191, 210, 220, 270

Philosophy 5, 8

Psychology 3, 9A

Sociology 109

Speech Communication 1, 3, 4, 5, 12, 14

Supervision 27

5. HEALTH AND PHYSICAL EDUCATION: minimum of 3 semester units

Contemporary Health 1

Physical Education 260

Physical Activity or Fitness Courses:

Dance 9ab, 10, 14ab, 16ab, 17abcd, 18abcd, 19ab, 20abcd, 22ab, 23abcd, 32ab, 33abcd, 35abcd, 42ab, 43abcd, 51ab, 52abcd, 53ab, 54abcd, 62abcd

Physical Education 1abcd, 2abcd, 4abcd, 5ab, 6abc, 7abcd, 14abcd, 15ab, 16abc, 20ab, 21abc, 25ab, 26abc, 35ab, 36abc, 45ab, 46abc, 54abcd, 57ab, 58abc, 60ab, 61abc, 65ab, 66abc, 70ab, 71abc,

74abcd, 75ab, 76abc, 80ab, 81abc, 85abc, 86abc, 87ab, 101abcd, 102abcd, 105ab, 106abc, 110ab, 111abc, 115ab, 116abc, 120ab, 121abc, 125ab, 126abc, 130ab, 131abc, 132ab, 133abc, 135abcd, 204abcd, 208abcd, 221abcd, 222abcd, 224abcd, 232abcd, 238abcd, 240abcd, 241abcd, 244abcd, 245abcd, 251abcd, 253abcd, 256abcd, 280, 285abcd, 300abcd, 302abcd, 350abcd, 400abcd, 401abcd, 402abcd, 404abcd, 407abcd

(This category may be exempted by one of the following:

- 1) Pass the Contemporary Health waiver exam; or
- 2) Approval of a petition for military service credit; or
- 3) Completion of Nursing 151 and 155.)

6. MATHEMATICS COMPETENCY

Pass the Mathematics Competency Test (a test separate from the Mathematics Placement Test) equivalent to the first course in algebra (Mathematics 40 or 41B) or satisfactorily complete one of the approved courses for this category.

Computer Science 15P
Mathematics 40, 41B, 70, 110, 111, 115, 116, 120, 130, 140, 150, 160, 161, 170, 180, 190, 191, 210, 220, 270
Psychology 9A
Sociology 109

OPTION II: CSU TRANSFER REQUIREMENTS

See page 37 of this catalog.

OPTION III: CSU/UC (IGETC) REQUIREMENTS

See page 39 of this catalog.

Section B - Major Requirements

Satisfy either the El Camino College Major option or the Transfer Major option.

El Camino College Major

Complete the courses specified for one of the majors listed alphabetically in Section IV, Curriculum, of this College catalog.

Transfer Major

Complete the lower division transfer major requirements for an accredited four-year college or university. If there are no lower division requirements in the transfer major or if the requirements for the transfer major are less than 18 units, students must complete an El Camino College major.

Section C - Electives

El Camino College Major

To reach the total of 60 degree applicable units required for graduation, students must choose electives from degree applicable courses. Students may count only 6 units of Physical Education as elective credit for graduation.

Transfer Major

60 degree applicable units are required for graduation. To qualify for transfer to CSU or UC, electives must be chosen from transferable courses. Students may count only 4 units of Physical Education as transfer credit.

Certificates

Certificate of Competence/Completion

El Camino College offers a variety of certificate programs. Each of the programs requires a substantial number of courses in a particular field. Unlike degree programs, courses outside the field are not generally required. For specific course work information, consult this catalog.

Students must file a petition for a certificate in the evaluations area located in the Admissions Office by the deadline date published in the schedule of classes.

Currently, certificates are granted in the fields of:

Certificates of Competence

Administration of Justice / Security Officer
Air Conditioning and Refrigeration
Architecture
Art/Art Gallery Management
Art/ Digital Arts
Art/Jewelry Design and Fabrication
Automotive Collision Repair/Painting
Automotive Technology
Business/Management
Business/Marketing
Business/Retail Management
Childhood Education
Computer Aided Design/Drafting
Computer Information Systems/Cisco Networking
Administration
Computer Information Systems/Microcomputer Applications
Computer Information Systems/Microcomputer Support and Network Management
Computer Information Systems/Web Programming
Computer Information Systems/Windows Networking
(pending System Office approval)
Construction Technology/Cabinet and Fine Woodworking
Electronics and Computer Hardware Technology
Entertainment Lighting Technology
Environmental Horticulture (pending System Office approval)
Fashion
Film/Video Production
Fire and Emergency Technology
Journalism
Machine Tool Technology
Manufacturing Technology
Music/Commercial Music
Paralegal Studies
Paramedical Technician
Photography
Quality Assurance
Real Estate
School Health Clerk
Sign Language/Interpreter Training
Welding

Certificate of Completion

Administration of Justice
Administration of Justice/Reserve Police Officer Academy
(pending System Office approval)
Administration of Justice/Security Officer
Air Conditioning and Refrigeration
Art/Art Gallery Management
Art/ Digital Arts
Art/Jewelry Design and Fabrication
Automotive Collision Repair/Painting
Automotive Technology
Business/Accounting
Business/Bookkeeping Clerk
Business/Management
Business/Marketing
Business/Office Clerk
Business/Office Administration Computer Applications
Childhood Education
Computer Aided Design/Drafting
Computer Information Systems/Cisco Networking
Administration
Computer Information Systems/Web Programming
Computer Science

Construction Technology
 Construction Technology/Cabinet and Fine Woodworking
 Cosmetology
 Electronics and Computer Hardware Technology
 Engineering Technology
 (pending System Office approval)
 Entertainment Lighting Technology
 Environmental Horticulture
 Environmental Technology
 Fashion
 Film/Video Production
 Fire and Emergency Technology
 Machine Tool Technology
 Manufacturing Technology
 Music/Commercial Music
 Paramedical Technician
 Quality Assurance
 Radiologic Technology
 Respiratory Care
 School Health Clerk
 Welding

California State University Admission Requirements

1. Lower Division Transfer Admission Requirements:

Transfer applicants with fewer than 60 transferable semester units and who have a GPA of 2.0 or better in all transferable units attempted, are in good standing at the last college attended, and meet the admission requirements for a first-time freshman may qualify for admission. The applicant should check the individual transfer campus to see if the campus is accepting lower division transfers.

2. Upper Division Transfer Admission Requirements:

Applicants with 60 transferable units (90 quarter) are eligible for admission to the CSU if they:

- Have completed at least 30 semester (45 quarter) units of general education courses, graded C or better in each course, including one course in written communication, one course in oral communication, one course in critical thinking, and one transferable course in mathematics/quantitative reasoning (Go to www.assist.org, the El Camino College website, or use the guide sheets in the counseling division for listings of the general education requirements);
- Are in good standing at the last college or university attended; and
- Have a grade point average of 2.0 or better in all transferable course work.

Evaluation of Completion of Requirements

The Certificate of Competence or the Certificate of Completion will be evaluated according to the following conditions:

1. Catalog requirement - Certificate requirements are derived from the catalog in effect at the time the student entered El Camino College or from the current catalog, following the Catalog Rights guidelines. (Please refer to the Associate Degree section of this catalog.) Each catalog is in effect during the academic year for which it is published (falls semester through the summer session).
2. Residency requirement - Individual certificates specifically state the required number of units that must be completed at El Camino College.
3. A Certificate of Competence is awarded to students who complete the prescribed program with a B average.
4. A Certificate of Completion is awarded to students who complete the prescribed program with a C average.

Preparation for Transfer

One of the major purposes of El Camino College is to offer programs which parallel lower division or the first two years of a four-year college or university.

Requirements vary among institutions and it is to the student's advantage to choose the college or university of transfer as early as possible to meet its requirements.

This section of the catalog contains information relative to the general education requirements of the California State University and the University of California.

Institutions occasionally change their transfer requirements after the El Camino College catalog is printed. Therefore students should consult a counselor, the Transfer Center adviser or the articulation officer for updated material. Catalogs of many institutions are available in the Transfer Center. However, it is recommended that students obtain personal copies by contacting the four-year institution directly.

California State University

The California State University system consists of 23 campuses located throughout the state. While each campus within the system has its own unique geographic and academic character, all campuses offer bachelor's and master's degrees in a variety of subject areas.

Campus majors that are impacted have additional admission criteria. Go to www.calstate.edu or consult with a counselor for additional information on impacted major requirements.

CSU General Education Breadth Requirements

General Education Breadth Requirements are designed so that students may take lower division general education courses at a California community college such that when a student transfers, the student will have completed most, if not all, of the lower division general education requirements.

Certification

Certification means that El Camino College has verified that the student has completed the lower division general education requirements for the CSU. For full certification, students must complete 39 units from Categories A through E of the CSU General Education Requirements. Twelve of the 39 units must be completed at El Camino College. CSU certification may be requested at the Records Window.

CSU General Education Requirements

Area A - Communication in the English Language and Critical Thinking (9 units required)

One course from each subsection.

1. Speech Communication 1, 3, 4, 12
2. English 1A
3. English 1C, Philosophy 5, 8, Psychology 3, Speech Communication 4

Area B - Physical Universe and its Life Forms (minimum 9 units)

One course must be completed from each subsection; one course must include a laboratory (marked by *).

Note: an entry level mathematics Examination (ELM) is required by CSU unless the student is certified in area B3 by a community college.

1. Physical Sciences:

- Astronomy 12*, 20, 25
- Chemistry 1A*, 4*, 20*, 21A*
- Geography 1, 6*, 9
- Geology 1, 2, 3*, 4*, 6*, 15, 30*, 32*, 34*, 36*
- Oceanography 10*
- Physical Science 25*
- Physics 1A*, 2A*, 3A*, 3B*, 11, 12*

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2. Life Sciences:

- Anatomy 30*, 32*
 - Anthropology 1
 - Biology 1A*, 1C, 8*, 10*, 11*, 12*, 15, 16*, 17, 18*
3. The courses listed above in B.1. and B.2. marked with an asterisk meet the laboratory requirement.
4. Mathematics/Quantitative Reasoning:
- Mathematics 110, 111, 115, 120, 130, 140, 150, 160, 170, 180, 190, 210
 - Psychology 9A
 - Sociology 109

Area C - Arts, Literature, Philosophy and Foreign

Languages (minimum 9 units)

At least one course from subsection 1 and one course from subsection 2.

1. Arts:

- Architecture 104
- Art 1, 2, 3, 4, 5A, 5B, 6, 7, 9
- Dance 1, 3
- Film/Video 1
- Music 11, 12, 13, 15A, 15B
- Speech Communication 8
- Theater 1, 4, 8

2. Humanities:

- Chinese 1, 2
- English 1B, 10, 11, 12, 15A, 15B, 18, 20, 21, 22, 23, 24A, 25A, 26, 27, 28, 29, 30, 31, 34, 35, 36, 39, 40A, 40B, 41A, 41B, 42, 43, 44, 46, 47
- French 1, 2, 3, 4, 5, 6, 24, 35
- German 1, 2, 3, 4, 5, 24
- History 8
- Humanities 1
- Italian 1, 2
- Japanese 1, 2, 3, 4, 25
- Philosophy 2, 3, 7, 10, 11, 23
- Sign Language/Interpreter Training 15, 16, 17A
- Spanish 1, 2, 3, 4, 5, 6, 24, 52A, 52B

Area D - Social, Political and Economic Institutions and Behavior; Historical Background (minimum 9 units)

Courses must be selected from at least two different subsections. Courses listed in more than one subsection can be used for credit in one subsection only.

1. Anthropology and Archaeology:

- Anthropology 2, 3, 4, 6, 7, 8, 9, 10, 11

2. Economics:

- Economics 1, 2, 5

3. Ethnic Studies:

- American Studies 3
- Ethnic Studies 1
- History 9, 16A, 16B, 17, 32
- Political Science 5
- Psychology 10
- Sociology 107

4. Gender Studies:

- Anthropology 9
- History 18A, 18B
- Women's Studies 1

5. Geography:

- Geography 2, 5, 7

6. History:

- History 1A, 1B, 3, 4, 5A, 5B, 8, 9, 11, 12A, 12B, 14A, 14B, 16A, 16B, 17, 18A, 18B, 19, 22, 25, 30, 32
- History of Science 11

7. Interdisciplinary Social/Behavioral Science:

- American Studies 1, 3, 7
- Child Development 3
- History 6

8. Political Science, Government and Legal Institutions:

- Political Science 1, 2, 3, 5, 6, 8, 10

9. Psychology:

- Psychology 5, 8, 10, 11, 12, 15, 16, 21

10. Sociology and Criminology:

- Sociology 101, 102, 104, 107, 112

Area E - Lifelong Understanding and Self-Development

(3 units)

- Child Development 3
- Contemporary Health 1
- Human Development 10
- Nutrition and Foods 11
- Physical Education 280
- Psychology 2, 12, 16, 33
- Sociology 102

One unit may be taken from: Physical Education 1abcd, 7abcd, 54abcd, 220abcd, 221abcd, 232abcd, 241abcd, 242abcd, 251abcd, 260, 300abcd, 400abcd, 401abcd, 402abcd, 403abcd
[Warning: an Area E approved two-unit course would be required with one of these one-unit courses to meet the 3 unit minimum. El Camino College does not currently offer an approved 2-unit course in this area. See your counselor for further information.]

All CSU campuses have a graduation requirement in U.S. History, Constitution, and American Ideals of 6 semester units. One course is required from Group 1 and one course is required from Group 2.

Group 1: History 1A 1B, 9, 16A, 17, 18A, 18B, 32

Group 2: Political Science 1, 8

University of California

The University of California has 10 campuses located throughout the state. Each campus within the system has its own unique geographic and academic character. The university offers bachelors, masters, and doctoral degrees in a variety of subject areas.

University of California Admission Requirements

To be eligible for admission to the University as a transfer student, a student must fulfill the following criteria:

- Complete 60 UC transferable semester units (90 quarter units) with a minimum GPA of 2.4 (2.8 for non-residents).
- Complete the following course pattern requirements, earning a grade of C or better in each course: two transferable college courses in English composition; one transferable college course in mathematical concepts and quantitative reasoning; four transferable college courses chosen from at least two of the following subject areas: arts and humanities, social and behavioral sciences, and physical and biological sciences. Note: The IGETC General Education Transfer Pattern will meet these course requirements. However, some students, depending on the transfer major and university, may not be well served by following IGETC.

Complete as many major preparation courses as possible. Major preparation may be viewed at www.assist.org. Note: Selective majors are requiring certain courses to be completed before transfer with a higher grade point average.

The University of California allows up to 70 UC transferable units from a community college. Students who complete more than 70 units at the community college may still complete courses to fulfill course requirements but will not be able to transfer more than the 70 units of credit to the University.

Intersegmental General Education Transfer Curriculum (IGETC)

The Intersegmental General Education Transfer Curriculum (IGETC) is a series of courses prospective transfer students attending California community colleges may complete at the community college to satisfy the lower division breadth/general education requirements at both the University of California and the California State University.

Students have the option of completing the IGETC or the specific lower division breadth/general education requirements of the school or college at the campus they plan to attend. The IGETC must be completed prior to transfer. The University has an agreement with each California community college that specifies which of its courses may be applied to each category of the IGETC. All courses must be completed with a grade of C or better.

The IGETC is most helpful to students who want to keep their options open. Certain students, however, will not be well served by following IGETC. Students, who intend to transfer into majors that require extensive lower division preparation, such as those in engineering or the physical and natural sciences, should concentrate on completing as many prerequisites for the major before transfer.

The IGETC is not a admission requirement. Completing IGETC does not guarantee admission to the campus or program of choice. However, completing the lower division breadth/general education requirements, whether through the IGETC or the campus specific requirements, may be considered by the campus in the selection process. Students who do not complete the IGETC before transferring will be required to satisfy the campus-specific lower division general education requirements of the college they attend.

Certification

Certification means that the last community college attended prior to transfer will verify that the student has completed the entire IGETC pattern. It is the student's responsibility to obtain full certification during the last semester of attendance prior to transfer. IGETC certification may be requested at the Records Window.

IGETC Course Requirements

Area 1: English Communication

UC and CSU transfers complete groups A and B; Group C is required for CSU transfers only.

Group A: English 1A

Group B: One course from: English 1C, Philosophy 5; Psychology 3; [The following two - course combinations acceptable if English 1B was taken prior to fall, 1993: English 1B and Philosophy 8 or English 1B and Psychology 3 (Psychology 3 stands alone if taken fall, 1992 or later)]

Group C (CSU transfers only): One course from: Speech Communication 1, 3, 4, 12*

Area 2: Mathematical Concepts and Quantitative Reasoning

One course, 3 semester or 4-5 quarter units:
Mathematics 115*, 120, 130+, 140, 150*, 160*, 161*, 180*, 190*, 191*, 210, 220, 270

Area 3: Arts and Humanities

Three courses, 9 semester or 12-15 quarter units; at least one course from Arts and one course from Humanities:

A. Arts:

Art 1, 2, 3, 4, 5A, 5B, 6, 7, 9*

Dance 1^s, 3^s

Film/Video 1*

Music 11, 12, 13, 15A, 15B

Theatre 1, 4

B. Humanities:

English 1B*, 10*, 11*, 12*, 15A, 15B, 18, 20, 21, 23, 26*, 28, 29, 30, 31, 35, 36, 39, 40A*, 40B*, 41A*, 41B*, 42*, 44, 46*, 47 French 24*, 35*

History 1A, 1B, 3, 4, 5A, 5B, 8*, 11, 14A, 14B, 19, 22*, 30, 32

Philosophy 2, 3, 7, 10, 11, 23

Sign Language Interpreter Training 16*, 17A*

Spanish 52A*, 52B*, 24*

Area 4: Social and Behavioral Sciences

Three courses, 9 semester or 12-15 quarter units, from at least two disciplines or an interdisciplinary sequence:

American Studies 1*, 3*, 7*
Anthropology 2, 3, 4*, 6, 7*, 8*, 9*, 11*
Child Development 3*
Economics 1, 2, 5*
Ethnic Studies 1*
Geography 2, 5, 7
History 8*, 9, 12A*, 12B*, 16A*, 16B*, 17*, 18A*, 18B*, 25*
History of Science 11*
Political Science 1*, 2, 3, 5, 6*, 10
Psychology 5, 8, 10*, 11, 12*, 15*, 16*, 21*
Sociology 101, 102*, 104, 107*, 112*
Women's Studies 1*

Area 5: Physical and Biological Sciences

Two courses, 7-9 semester or 9-12 quarter units; one physical science course, one biological science course; at least one course must include a laboratory (*indicates a lab course):

A. Physical Sciences:

Astronomy 20*, 25*

Chemistry 1A*, 1B*, 4*, 7A*, 7B*, 20**, 21A*, 21B*

Geography 1, 6*, 9

Geology 1, 2, 3*, 4*, 15*

Oceanography 10*

Physical Science 25*

Physics 1A**, 1B**, 1C**, 1D**, 2A**, 2B**, 3A**, 3B**, 11*, 12**

B. Biological Sciences:

Anatomy 30**, 32**

Anthropology 1

Biology 1A*, 1B*, 1C*, 8**, 10**, 11**>, 15, 16*, 17*, 18**

Microbiology 33*

Physiology 31**

Psychology 7

UC Only: Language other than English: Proficiency equivalent to two years of high school study in the same language or at least one semester of college level foreign language course work.

Appropriate courses at El Camino College: Chinese 1, French 1, German 1, Italian 1, Japanese 1, Sign Language Interpreter Training 15*, Spanish 1.

CSU Only: Graduation requirement in American History and American Institutions. (Courses used to meet this requirement cannot be used to fulfill IGETC requirements.)

History: 1A, 1B, 9, 16A, 17, 18A, 18B, 32

Institutions: Political Science 1, 8

* Indicates course only acceptable in this area if taken fall, 1993 or later.

^ Indicates course only acceptable in this area if taken fall, 1995 or later.

> Indicates course only acceptable in this area if taken fall 1997 or later.

> Indicates course only acceptable in this area if taken fall, 1998 or later.

* Indicates course only acceptable in this area if taken fall, 1999 or later.

* Indicates course only acceptable in this area if taken fall, 2000 or later.

* Indicates course only acceptable in this area if taken fall, 2001 or later.

* Indicates course only acceptable in this area if taken fall, 2002 or later.

* Indicates course only acceptable in this area if taken fall, 2003 or later.

* Indicates course only acceptable in this area if taken fall, 2004 or later.

* Indicates course only acceptable in this area if taken fall, 2005 or later.

* Indicates course only acceptable in this area if taken fall, 2006 or later.

* Indicates that transfer credit may be limited by UC or CSU or both;

please consult with a counselor.

Honors Programs

Alpha Gamma Sigma

Alpha Gamma Sigma, the Honor and Scholarship Society, is a California Community College statewide organization founded to foster, promote, maintain, and recognize scholastic achievement and service among community college students. The Alpha Phi chapter of AGS at El Camino College attracts many students of all

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majors desiring academic excellence.

A student may attain initial membership by having completed 12 semester units from a recognized institution of higher education with a cumulative GPA of 3.0 or above. Students joining directly out of high school are asked to have a minimum GPA of 3.5 at the high school level.

Because AGS is also a club and one of the largest organizations on campus, there are many opportunities for college and community involvement.

Permanent (lifetime) Members of Alpha Gamma Sigma receive a notation on their transcripts, a gold seal on their diplomas, and wear gold stoles during the commencement ceremonies. Permanent Member status may be achieved by completing 60 units (30 completed at El Camino College) with a 3.5 GPA and regular membership for at least one semester or by having a 3.25 GPA and regular membership for at least two semesters.

Membership applications are accepted during the first six weeks of each semester and are available in the Activities Center, at the AGS information table during club rush week, and at AGS general meetings.

Dean's List

To qualify for the Dean's List, a student must, in any one semester, complete 12 or more units with a grade point average of 3.5 or higher. For further information, contact the office of the Vice President, Academic Affairs.

Honors Transfer Program

The El Camino College Honors Transfer Program is designed to better prepare the highly motivated student to transfer successfully to a university and complete a bachelor's degree. The program provides a unique learning environment which stresses scholastic excellence and develops the academic awareness necessary to achieve this goal.

The major objective of the program is to prepare students for transfer by focusing on enhanced writing, reading and study skills.

The Honors Transfer Program office is located in the Counseling Services Center, Student Services Center Building, first floor.

Honors Admission Requirements

A student must:

1. Have a minimum 3.0 cumulative GPA from high school or, if already in college, from at least 9 academic units;
2. Be eligible for or have completed English 1A; and
3. Complete an Honors Transfer Program application and submit all required materials on a timely basis.

Completion Requirements

A student must:

1. Maintain a minimum 3.0 cumulative GPA in all transferable courses;
2. Complete a minimum of two semesters in the Honors Transfer Program at El Camino College;
3. Complete a minimum of five honors courses including at least one honors course each semester. English 1A must be completed (unless already completed) during the first semester in the program;
4. Attend four honors enrichment seminars during the program;
5. Complete two scheduled half-hour (Educational Plan) counseling appointments; and
6. Complete the requirements necessary to be accepted by the transfer institution in your major.

Honors Transfer Agreements

Students who complete the El Camino College Honors Transfer Program may take advantage of transfer agreements with a number of colleges and universities. These transfer agreements may include priority admission, scholarship opportunities, admission to the university honors programs, library privileges and housing

priority. Colleges and universities involved in transfer agreements with El Camino College include UCLA, UC Irvine, Loyola Marymount University, Pomona College, Occidental College, UC Riverside, UC Santa Cruz, Chapman University, Pitzer College, CSU Dominguez Hills, CSU Fullerton, CSU Long Beach and San Diego State University.

Honors Transfer Program Benefits

Benefits include:

- Priority registration for all El Camino College classes
- Close academic and social interaction with other highly motivated honors students
- Enrollment in honors classes with smaller class size and taught by outstanding faculty
- Designation of the Honors Transfer Program on the El Camino College transcripts and on the El Camino College associate degrees
- A parchment quality Award of Achievement upon program completion
- An honors program counselor, director and assistant for special help and advisement
- Enrichment seminars which provide information leading to academic and personal growth
- Increased chances of receiving scholarships
- Special privileges offered by universities with which El Camino College has an honors transfer agreement
- Free tickets to cultural events at Marsee Auditorium

Honors Curriculum

Honors courses are academically enriched to intellectually stimulate students, encourage independent, critical thinking and promote close interaction between students and faculty.

Honors courses are chosen to fulfill the requirements of the associate degree as well as to transfer to UC, CSU and most other universities. Thus, students in the Honors Transfer Program generally complete the same number of courses as other students planning to transfer. Honors sections are currently offered for the following courses:

Anthropology 1 - Introduction to Physical Anthropology
Anthropology 2 - Introduction to Cultural Anthropology
Art 6 - Cross-Cultural Art
Astronomy 25 - Stars and Galaxies
Biology 10 - Fundamentals of Biology
Economics 1 - Principles of Economics: Macroeconomics
English 1A - Reading and Composition
English 1B - Literature and Composition
English 1C - Critical Thinking and Composition
Geography 5 - World Regional Geography
History 1A - United States History to 1877
History 1B - United States History from 1877 to the Present
History 32 - United States Social History:

Cultural Pluralism in America

Music 12 - Music Cultures of the World

Oceanography 10 - Introduction to Oceanography

Philosophy 23 - Ethics, Law and Society

Political Science 1 - Governments of the United States and California

Political Science 10 - Introduction to International Relations

Psychology 5 - General Psychology

Sociology 101 - Principles of Sociology

Speech Communication 1 - Effective Speaking

In fulfilling the requirements for program completion, Honors Transfer Program students may include up to two of the following honors-level courses: Biology 1A, 1B; Chemistry 1A, 1B; Computer Science 1; Mathematics 190, 191; and Physics 1A, 1B.