Technology @ El Camino College

## **INDUSTRY & TECHNOLOGY DIVISION**

The engineering technology program prepares students for transfer to university engineering technology programs and for employment in technical fields, by completing the degree requirements, students acquire a foundation in the principles of engineering, engineering design, digital electronics, automated manufacturing, and the application of math and science in technical fields.

### SAMPLE MAJOR COURSES INCLUDE:

► Engineering Technology 10

Engineering

A.S. Degree

- ► Engineering Technology 14
- ► Engineering Technology 16

- ► Engineering Technology 12
- ► Machine Tool Technology 101abcd
- ► Technical Math 1

### STUDENTS MUST CHOOSE THREE ADDITIONAL COURSES FROM:

- ► Engineering Technology 18
- Computer Aided Design/Drafting 28abcd
- ► Manufacturing Technology 70, 75

- ► Machine Tool Technology 16ab
- ► Electronics & Computer Hardware Technology 22
- ► Welding 15ab

Note: Students should consult with an academic counselor for current major and general education requirements.

Median Annual Wages in May 2008 of Engineering Technicians by specialty:\*

Aerospace Engineering & Operations Tech.	\$55,040	
Electrical and Electronic Engineering Tech.	\$53,240	
Mechanical Engineering Technicians	\$48,130	
Industrial Engineering Technicians	\$47,180	A CONTRACTOR
Electro-Mechanical Technicians	\$46,310	CALCON D
Civil Engineering Technicians	\$44,290	THE COL
Environmental Engineering Technicians	<b>\$41,100</b>	



National Average Yearly Salary range based on 2 year A.A./A.S. Degree

For more information on El Camino College Engineering Technology Program please visit: http://www.elcamino.edu/academics/indtech/engineeringtech

Please see reverse side to review which California State Universities or Universities of California institutions offer majors in Engineering Technology Disciplines.

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# SOME ENGINEERING TRANSFER DISCIPLINES INCLUDE:

- Nuclear • Civil
- Environmental Biomedical
- Industrial • Marine
- Aerospace Chemical
- Computer Hardware, Electrical & Electronics Mechanical
- Materials • Manufacturing

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<b>CAREERS TRANSFERRING TO CALIFORNIA STATE UNIVERSITIE</b>
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<b>CAREERS TRANSFERRING TO CALIFORNI</b>		<b>TO CALIF</b>	ORNIA	STATE L	<b>IA STATE UNIVERSITIES</b>	TIES								
	СРР	CPSLO	CSUC	CSUEB	CSUEB CSUFRES CSUFULL CSULA	CSUFULL	CSULA	CSULB	CSULB CSUMA CSUN	CSUN	CSUS	SDSU	SFSU	NSIS
AEROSPACE	Х	×						Х				×		×
AGRICULTURAL		×												
BIOMEDICAL														
CERAMIC					×	Х		Х						
CHEMICAL	Х							Х						×
CIVIL		×	×		×	×	×	×		×	×	×	×	×
COMPUTER ELEC- TRONICS & ENGI- NEERING TECH- NOLOGY	×							×						
<b>ENVIRONMENTAL</b>	×	×										×		
INDUSTRIAL	Х	Х		×										
MARINE									х					
MECHANICAL	×	×	×		×	×	×		×	×	×	×	×	×
NUCLEAR														

## **CAREERS TRANSFERRING TO UNIVERSITY OF CALIFORNIA**

					UC				
	UCB	UCD	UCI	NCLA	Μ	UCR	UCSB	UCSC UCSD	UCSD
AEROSPACE			Х	Х					×
AGRICULTURAL									
BIOMEDICAL		х	Х						
CHEMICAL	×	х		Х		х	Х		×
CIVIL	x	х	Х	Х					
COMPUTER ELEC-									
TRONICS & ENGI- NEERING TECH-								×	
NOLOGY									
<b>ENVIRONMENTAL</b>	×		Х		×	х			×
INDUSTRIAL	×								
MECHANICAL		Х	Х	Х		×	Х		×
NUCLEAR	×								