A unique partnership leading to your degree in Electrical Engineering with specialization in Computer Engineering

Two of Los Angeles' leading educational institutions have created a 2 + 2 articulation agreement to expedite your studies to become a Computer Engineer

EAST LOS ANGELES COLLEGE
Department of Engineering and Technology (323) 265-8858

GENERAL EDUCATION AT ELAC

General Education Lower Division

It is recommended that you take all nine courses below at ELAC.

❑	ENGL 101	College Reading and Composition I
❑	SPCH 101	Oral Communication I
❑	U.S. HISTORY*	HIST 5 *or* 6 *or* 11 *or* 12
❑	POL SCI 1	The Government of the United States
❑	BLOCK C (3 courses)	Humanities
❑	BLOCK E (1 course)	Lifelong Understanding and Self-Development
❑	ENGL 103**	Composition and Critical Thinking

** HIST 11 and 12 are equivalent to Cal State L.A.'s HIST 202A and 202B respectively. You can also meet the Cal State L.A.'s U.S. History requirement by taking HIST 5 or 6.*

*** English 103 is not a General Education course, but is a Cal State L.A. university graduation requirement*

COURSES IN MAJOR PROGRAM AT ELAC

Basic Sciences and Mathematics

❑	CHEM 101	General Chemistry I
❑	MATH 261	Calculus I
❑	MATH 262	Calculus II
❑	MATH 263	Calculus III
❑	MATH 275	Ordinary Differential Equations
❑	PHYS 1	Mechanics of Solids
❑	PHYS 2	Mechanics of Fluids, Heat, and Sound
❑	PHYS 3	Electricity and Magnetism

Lower Division Engineering Courses

❑	GEN ENGR 101	Introduction to Science, Engineering, and Technology
❑	GEN ENGR 102	Engineering Problem Solving
❑	GEN ENGR 121	Engineering Applications of Digital Computation
❑	GEN ENGR 131	Statics
❑	ELEC ENGR 220	Electrical Circuits I
❑	GEN ENGR 272	Principles of Engineering Economy

CAL STATE L.A.
Department of Electrical and Computer Engineering (323) 343-4470

GENERAL EDUCATION AT CAL STATE L.A.

General Education Upper Division Theme

❑	Upper Division GE Theme***	3 courses

**** A biology course must be included as part of GE Upper Division Theme*

Note: You must select two diversity courses from among the GE courses you take at Cal State L.A.

COURSES IN MAJOR PROGRAM AT CAL STATE L.A.

Lower Division Engineering Course

❑	EE 244	Digital Engineering

Upper Division Engineering Courses

❑	ENGR 301	Ethics and Professionalism in Engineering
❑	EE 304	Electric Machines
❑	EE 317	Electronics Laboratory I
❑	EE 320	Analog Communication Systems
❑	EE 330	Writing for Electrical Engineers
❑	EE 332	Systems Analysis
❑	EE 334	Probability and Random Processes
❑	EE 336	Electronics
❑	EE 345	Microcomputer Programming
❑	EE 346	Digital Logic Laboratory
❑	EE 360	Controls Systems Theory I
❑	EE 437	Electric and Magnetic Fields
❑	EE 496A	Senior Design I
❑	EE 496B	Senior Design II
❑	EE 496C	Senior Design III
❑	PHYS 333	Applied Modern Physics

Upper Division Math and Technical Electives

❑	MATH 325 *or* 402A *or* 403 *or* 474	1 course
❑	EE 342	Introduction to Software Engineering
❑	EE 347	Computer Logic Design
❑	EE 443	Digital and Timing Circuits Laboratory
❑	EE 445	Microprocessor Interface Design
❑	EE 448	Digital Design Laboratory
❑	EE 449	Computer Organization
❑	EE TECHNICAL ELECTIVES	4 lecture courses and 1 laboratory course

Note: You are required to take the Writing Proficiency Examination (WPE) prior to completing 135 quarter units.

Effective March 1999