

A unique partnership leading to your degree in Industrial Technology

with Option in Production Technology

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

LOS ANGELES CITY COLLEGE

Engineering and Technology (323) 953-4230

GENERAL EDUCATION AT LACC

Required General Education Lower Division Courses

- | | |
|--------------------------------------|--|
| <input type="checkbox"/> BIOL 1 or 3 | Fundamentals of the Life Sciences I or Introduction to Biology |
| <input type="checkbox"/> ENGLISH 101 | College Reading and Composition I |
| <input type="checkbox"/> ENGLISH 103 | Critical Thinking, Reading, and Writing |
| <input type="checkbox"/> SPEECH 101 | Oral Communication I |

It is recommended that you take **three** of the seven courses listed below. The **five** remaining lower division GE courses along with the three courses required to satisfy the GE Upper Division Theme will be useful in balancing the technical course load at Cal State L.A.

- | | |
|--|--|
| <input type="checkbox"/> HISTORY 5 or 6 or 11 or 12 or 13* | History of the Americas I or II or Political and Social History of the United States I or II or the United States in the Twentieth Century |
| <input type="checkbox"/> POLSCI 1 | Government of the United States |
| <input type="checkbox"/> BLOCK C (3 courses) | Arts, Literature, Philosophy and Foreign Languages |
| <input type="checkbox"/> BLOCK D (2 course) | Social, Political and Economic Institutions and Behavior Background |
| <input type="checkbox"/> BLOCK E (1 course) | Lifelong Understanding and Self-Development |

*Select **one** course from HISTORY 5, HISTORY 6, HISTORY 11, HISTORY 12, HISTORY 13.

COURSES IN MAJOR PROGRAM AT LACC

Basic Sciences and Mathematics

- | | |
|-------------------------------------|---------------------------|
| <input type="checkbox"/> CHEM 60 | Introduction to Chemistry |
| <input type="checkbox"/> MATH 245 | College Algebra |
| <input type="checkbox"/> PHYSICS 11 | Introduction to Physics |

Technical Courses

- | | |
|---|---|
| <input type="checkbox"/> BUS 15 or MATH 225 | Business Statistics or Introduction to Statistics |
| <input type="checkbox"/> CSIT 103 or CSIT 108** | Introduction to Computer Systems for MIS or Beginning BASIC Programming |
| <input type="checkbox"/> CT 1 or 12 | Computer Science for Beginners or Computer Fundamentals |
| <input type="checkbox"/> ELTRN 2 | Introduction to Electronics |
| <input type="checkbox"/> GEN ENGR 111 | Introduction to Engineering Drafting |
| <input type="checkbox"/> GEN ENGR TECH 166 | Shop Practice |
| <input type="checkbox"/> GEN ENGR TECH 167 | Advanced Shop Practice |
| <input type="checkbox"/> IND ARTS 6 | Auto Mechanics and the Consumer |
| <input type="checkbox"/> IND ARTS 11 | Basic Metalwork |
| <input type="checkbox"/> MATH 236 | Math Analysis for Business and Social Sciences II |

** May substitute a course in any high-level language (i.e., CSIT 106, CSIT 113, CSIT 139, CSIT 140).

CAL STATE L.A.

Department of Technology (323) 343-4550

GENERAL EDUCATION AT CAL STATE L.A.

General Education Lower Division

- | | |
|--|---------------------|
| <input type="checkbox"/> Lower Division GE | 5 remaining courses |
|--|---------------------|

General Education Upper Division Theme

- | | |
|--|-----------|
| <input type="checkbox"/> Upper Division GE Theme | 3 courses |
|--|-----------|

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.

Technical Courses

- | | |
|-----------------------------------|--|
| <input type="checkbox"/> TECH 101 | Industrial Safety for Industrial Education |
| <input type="checkbox"/> TECH 150 | Introduction to Higher Education in Technology |
| <input type="checkbox"/> TECH 200 | History of Technology |
| <input type="checkbox"/> TECH 380 | Industrial Graphic Communications |
| <input type="checkbox"/> TECH 382 | Power Technology |
| <input type="checkbox"/> TECH 398 | Cooperative Education |
| <input type="checkbox"/> TECH 400 | Written Communication Skills |
| <input type="checkbox"/> TECH 414 | Robotics in Industry |
| <input type="checkbox"/> TECH 481 | Practicum in Industrial Studies |
| <input type="checkbox"/> TECH 482 | Metrics for Industry |
| <input type="checkbox"/> TECH 484 | Automated Manufacturing Systems |
| <input type="checkbox"/> TECH 488 | Fluid Power |
| <input type="checkbox"/> TECH 489 | Industrial Training Methods |

Required Management Courses

- | | |
|-----------------------------------|--|
| <input type="checkbox"/> ACCT 202 | Survey of Accounting |
| <input type="checkbox"/> ECON 309 | Applied Business and Economics Statistics II |
| <input type="checkbox"/> MGMT 306 | Production and Operations Management |
| <input type="checkbox"/> MGMT 467 | Quality Control |

Required Electives

- | | |
|---|---|
| <input type="checkbox"/> ADVANCED TECHNOLOGY COURSES*** | Select 12-16 units from TECH 301, 312, 321, 325, 326, 327, 331, 332, 402, 403, 404, 405, 411, 412, 413, 415, 425, 427, 428, 431, 434, 435, 461, 463, 464, 465 |
| <input type="checkbox"/> MANAGEMENT ELECTIVES*** | Select 8-4 units from ENGR 300, MGMT 460, MGMT 461, MGMT 462, MGMT 463, MGMT 464, MGMT 473, PSY 442 |

*** A minimum total of 20 units from Advanced Technology Courses and Management Electives sections

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