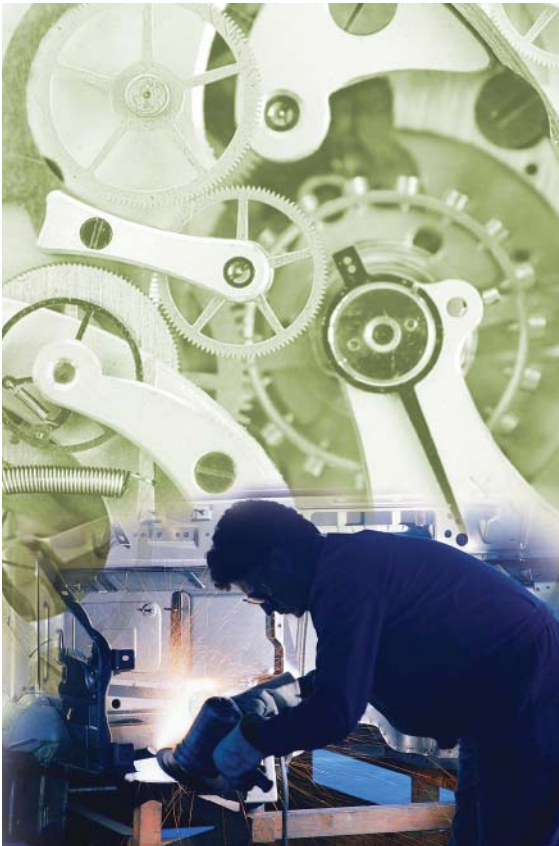


PRE-ENGINEERING - AA



ROXBURY COMMUNITY COLLEGE

ENROLLMENT CENTER

1234 Columbus Avenue, Roxbury, MA 02120 • Room 102

Admissions: (617) 541-5310 • Registrars: (617) 541-5320

Fax: (617) 427-5316

Pre-Engineering

Associate of Arts

www.rcc.mass.edu

This program is designed to give students who are talented in the physical sciences a strong background in mathematics, chemistry, and physics. Students graduating with a Pre-Engineering concentration can gain employment as technicians at high-technology firms or can transfer to a four-year college or university to complete a baccalaureate degree. This program is excellent for students who want to be engineers. Our focus is on mathematical problem solving, which prepares you for a competitive career in industry.

For more information, contact the Science Department or Mathematics Department, Room 401 or Room 501, respectively, in the Academic Building or call 617-541-5317

Pre-Engineering

Associate of Arts

FIRST YEAR

First Semester - Fall Semester

TEC 121	Intro to Engineering Design I	4
ACS 100	College Survival Seminar	1
ENG 101	English Composition I	3
SCI 123	Principles Of Chemistry	4
MAT 103	Pre-Calculus	3

Credits 15

Second Semester - Spring Semester

ENG 102	English Composition II	3
SSI	Social Science Elective	3
SCI 124	Principles of Chemistry II	4
HUM	Humanities Elective	3
MAT 201	Calculus I (With Applications)	4

Credits 17

SECOND YEAR

Third Semester - Fall Semester

HUM	Humanities Elective	3
MAT 203	Calculus II	4
SSI	Social Science Elective	3
CIS 141	Microcomputer Applications	3
SCI 143	Principles of Physics I	4

Credit 17

Fourth Semester - Spring Semester

MAT 205	Calculus III	4
SCI 144	Principles of Physics II	4
ENG	Literature Elective	3
SSI	Social Science Elective	3
	Engineering Elective	3

Credit 17

Total: 66 credits