

PROGRAMS OF STUDY

Career Occupational Programs Chemical Laboratory Technology

Chemical Laboratory Technology (TRO137)

AAS Degree 64 credit hours (CH)

Study of development, production and utilization of industrial chemicals and methods used in modern chemical laboratories. Program can lead to employment as a chemical lab technician (working under supervision of senior technicians), engineer or scientist in production or testing, as well as in commercial utilization of chemicals and chemical products.

General Education	17-18 CH
Communications (English 101 & 102)	6 CH
Humanities/Social Science	3 CH
Physical & Life Sciences	4-5 CH
Math 140	4 CH

Area of Concentration / Program Core	29 CH
---	--------------

Chemistry (073)	
201 General Chemistry I	5
203 General Chemistry II	5
205 Organic Chemistry I*	6
207 Organic Chemistry II*	6
217 Intro to Instrumental Analysis	4
<i>*Pending ICCB approval</i>	

Mathematics (045)	
207 Calculus & Analytical Geometry I	5

Program Electives	15 CH
--------------------------	--------------

Computer Information Systems (032)	
120 Intro to Microcomputers	3

Math (045)	
141 Plane Trigonometry	3
208 Calculus & Analytical Geometry II	5

Physics (077)	
235 Engineering Physics I	4
236 Engineering Physics II	4

TOTAL	63-64 CH
--------------	-----------------

Physical Science and Engineering Department
Room 3826, Phone (773) 907-4093