Note: For those working toward certification from the American Culinary Federation Culinarian Certification Program, a 200-hour kitchen rotation internship is required upon completion of the major requirements for this skills certificate.

Total (taken concurrently)	**12**	CLN ART 125	Breakfast & Lunch Cookery (3)
CLN ART 123	Culinary Skills II (3)	CLN ART 126	Baking Skills (3)
CLN ART 124	Menu Planning & Nutrition (3)		

Skills Certificate in Cook Skills

Major Code: 130630

The culinary arts program at LAHC provides an intensive hands-on curriculum that prepares students who complete the first semester classes for entry level jobs in the food service industry. The curriculum includes a mastery of the fundamentals of cookery, aromatics, food fabrication, product identification and purchasing, and the state required certification in ServSafe. This program is equivalent to the first semester major requirements of the Associate of Science Degree and Certificate of Achievement in Culinary Arts. See the program learning outcomes listed under the associate's degree in this subject.

Total (taken concurrently)	**12**	CLN ART 115	Food Fabrication (2)
CLN ART 113	Culinary Skills I (3)	CLN ART 116	Product Identification & Purchasing (2)
CLN ART 114	Aromatics (2)	CLN ART 117	Food Sanitation & Safety (3)

Drafting Production Design

Associate in Science in Drafting Production Design

Major Code: 095300

This degree is designed to prepare well-trained drafters and designers to fill the widening gap between theoretical engineering concepts and practical manufacturing applications.

Program Learning Outcomes: Upon successful completion of the program, students will able to articulate and justify technical problems through oral, written, and graphical communication; troubleshoot a variety of electronic and/or computer-based components and systems including signal processing, communications, computer networks, and controls; employ mathematics, science, and computing techniques in a systematic, comprehensive manner to support the study and solution of engineering problems; demonstrate industry-standards when interpreting and creating engineering drawings; and describe professional and ethical responsibilities in engineering.

Major	**34-36**
Additional LACCD GE Requirements	**18**
(Not including 3 double-countable major units for this degree via graduation petition. Students wishing to transfer are advised to use either the CSU GE or IGETC plan instead.)	
Additional Degree-applicable Requirements	6-8
Total	**60**

(36 units)		DRAFT 81	Projects Laboratory (1)
DRAFT 4	Applied Descriptive Geometry (4)	DRAFT 82	CAD Drafting Laboratory (2)
DRAFT 9	Mechanical Drafting (3)	~~MATH 123C~~	~~Elementary and Intermediate Algebra III (4)~~
DRAFT 16	Blueprint Reading I (2)	PHYSICS 11	Introductory Physics (4)
DRAFT 17	Blueprint Reading II (2)		
DRAFT 51	Tool Design (4)	Recommended for students also pursuing an engineer major.	
or ENG GEN 912	Elementary Engineering Drafting (3)	*Effective Fall 2017*	
DRAFT 54	Simplified Stress Analysis (4)		
DRAFT 55	Computer-Aided Drafting (3)		
DRAFT 56	Automated Manufacturing (3)		

Certificate of Achievement in Drafting

Program listings do not include basic skills prerequisites for college-level courses or prerequisites for GE courses. Numbers appearing in parentheses beside each course title represent course units. Courses may not be offered every term. Students are strongly advised to see a counselor prior to enrolling in any program.

Major Code: 095300

The certificate of achievement in Drafting provides the student with the minimum information required for entry-level positions in the technical drafting field. It is also designed for persons seeking to enhance their advancement potential or for those who cannot pursue a full degree program or who already hold degrees in related fields. See the program learning outcomes listed under the associate's degree in this subject.

Major	**34-36**
Additional Requirements	**3**
Total	**37-39**

Major Component II (34-36 units)

DRAFT 4	Applied Descriptive Geometry (4)
DRAFT 9	Mechanical Drafting (3)
DRAFT 16	Blueprint Reading I (2)
DRAFT 17	Blueprint Reading II (2)
DRAFT 51	Tool Design (4)
or ENG GEN 912	Elementary Engineering Drafting (3)
DRAFT 54	Simplified Stress Analysis (4)
DRAFT 55	Computer-Aided Drafting (3)
DRAFT 56	Automated Manufacturing (3)
DRAFT 81	Projects Laboratory (1)
DRAFT 82	CAD Drafting Laboratory (2)
PHYSICS 11	Introductory Physics (4)

Additional Requirements (6-8 units)

ENGLISH 28	Intermediate Reading and Composition (3)
or ENGLISH 100	Accelerated Prep: College Writing (3)
or ENGLISH 101	College Reading and Composition I (3)
~~ENG TEK 49~~	~~Technical Mathematics II (5)~~
~~or MATH 123A~~	~~Elementary and Intermediate Algebra I (4)~~
~~or MATH 123B~~	~~Elementary and Intermediate Algebra II (4)~~
~~or a higher level math course (3-5)~~	

Recommended for students also pursuing an engineer major.

Effective Fall 2017

Electronic Engineering Technology

Associate in Science Degree in Electronic Engineering Technology

Major Code: 093401

This course of study combines theory with manipulative skill training, vocabulary, use of test equipment, and the technical knowledge required for employment in the Electronics Industry. Skilled technologists may find employment with a wide variety of industrial and government contract firms dealing with aerospace, computers, aviation, automotive, quality control, circuit design, and research and development. Though this program is not specifically designed for transfer, Students wishing to transfer are advised to use either the CSU GE or IGETC plan instead, depending on their intended transfer institution.

Program Learning Outcomes: Upon successful completion of the program, students will able to articulate and justify technical problems through oral, written, and graphical communication; troubleshoot a variety of electronic and/or computer-based components and systems including signal processing, communications, computer networks, and controls; employ mathematics, science, and computing techniques in a systematic, comprehensive manner to support the study and solution of engineering problems; demonstrate industry-standards when interpreting and creating engineering drawings; and describe professional and ethical responsibilities in engineering.

Major	**28**
Additional LACCD GE Requirements (Students wishing to transfer are advised to use either the CSU GE or IGETC plan instead.)	**21**
Additional Degree-applicable Requirements	11
Total	**60**

Major (32 units)

CO TECH 35	Linux + (3)
ELECTRN 4	Fundamentals of Electronics (4)
ELECTRN 5	Fundamentals of Electronics I Lab (1)
ELECTRN 6	Fundamentals of Electronics II (4)
ELECTRN 7	Fundamentals of Electronics II Lab (1)
ELECTRN 16	Selected Elements of Electronics Mathematics (5)
ELECTRN 22	Electronics Circuits II (4)
ELECTRN 054	Computer Logic and Arithmetic (4)
ENG TEK 49	Technical Mathematics II (5)
ENG TEK 81	Fabrication Techniques (1)

Effective Fall 2017

Updated program learning outcomes may appear on one or both of the following websites: http://www.lahc.edu/slo/program.html and/or https://effectiveness.lahc.edu/cpc/haps/SitePages/2015-18_SLO-SAO_Assessment.aspx. If so, those listed on the latter site supersede all others.