

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Air Conditioning and Refrigeration

(Division of Industry & Technology 310-660-3600)

Air Conditioning and Refrigeration 5 - 4 Units

Electrical Applications

Recommended Preparation: Air Conditioning and Refrigeration 21

Evening Hours

7100 6:00-9:10pm M LAB..... K. Robinson CAT 120
6:00-9:10pm W LEC..... K. Robinson CAT 102

Air Conditioning and Refrigeration 6 - 4 Units

Refrigeration and Air Conditioning Control Systems

Prerequisite: Air Conditioning and Refrigeration 5 with a minimum grade of C with a minimum grade of C or equivalent

Evening Hours

7132 6:00-9:10pm M LEC..... V. Bethel CAT 102
6:00-9:10pm W LAB..... V. Bethel CAT 120

Air Conditioning and Refrigeration 21 - 4 Units

Air Conditioning Fundamentals

7104 See Distance Education Website ... H. Der-Antonian..... Online
11:00-2:20pm MW LAB H. Der-Antonian..... CAT 120

Section 7104 is an online hybrid class that meets during the first 8 weeks of the semester starting February 12, 2022 and includes fully online instruction for Lecture and weekly on-campus class meetings for Lab. You must attend the first Lab class meeting on campus on February 14, 2022 from 11:00 a.m. to 2:20 p.m. in Room CAT 120 or you may be dropped from the class. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

Air Conditioning and Refrigeration 23 - 4 Units

Commercial Refrigeration Applications

Prerequisite: Air Conditioning and Refrigeration 21 with a minimum grade of C or equivalent

7114 See Distance Education Website ... H. Der-Antonian..... Online
11:00-2:20pm MW LAB H. Der-Antonian..... CAT 120

Section 7114 is an online hybrid class that meets during the second 8 weeks of the semester starting April 16, 2022 and includes fully online instruction for Lecture and weekly on-campus class meetings for Lab. You must attend the first Lab class meeting on campus on April 18, 2022 from 11:00 a.m. to 2:20 p.m. in Room CAT 120 or you may be dropped from the class. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

Air Conditioning and Refrigeration 25 - 4 Units

Energy Efficient Residential, Commercial and Industrial Air Conditioning

Prerequisite: Air Conditioning and Refrigeration 21 with a minimum grade of C or equivalent

7133 See Distance Education Website ... H. Der-Antonian..... Online
11:00-2:10pm TTh LAB..... H. Der-Antonian..... CAT 120

Section 7133 is an online hybrid class that meets during the second 8 weeks of the semester starting April 16, 2022 and includes fully online instruction for Lecture and weekly on-campus class meetings for Lab. You must attend the first Lab class meeting on campus on April 19, 2022 from 11:00 a.m. to 2:10 p.m. in Room CAT 120 or you may be dropped from the class. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Air Conditioning and Refrigeration 27 - 4 Units

Heating Technologies

Prerequisite: Air Conditioning and Refrigeration 21 with a minimum grade of C or equivalent

Evening Hours

7121 6:00-9:10pm T LEC S. Shute CAT 104
6:00-9:10pm Th LAB S. Shute CAT 120

Air Conditioning and Refrigeration 62 - 4 Units

Energy Control and Optimization Systems

Prerequisite: Air Conditioning and Refrigeration 61 with a minimum grade of C

Evening Hours

7124 6:00-9:10pm T LAB P. Jeffrey CAT 120
6:00-9:10pm Th LEC P. Jeffrey CAT 104

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Architecture

(Division of Industry & Technology 310-660-3600)

Architecture 100 - 1 Unit

An Orientation to Architecture

Recommended Preparation: eligibility for English 84

4770 See Distance Education Website...M. Greas.....Online

Section 4770 is a fully online class that meets during the first 8 weeks of the semester starting February 12, 2022. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

Architecture 104 - 3 Units

History of Western Architecture

Recommended Preparation: English 1

Evening Hours

7154 6:00-9:10pm W LEC.....M. Johnson.....Live Online

Section 7154 is a live online class that includes required Zoom meetings. Online meeting days and times are listed in the schedule. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

Architecture 108 - 3 Units

World Architecture: Gothic to Early Modern

Recommended Preparation: English 1

Evening Hours

7160 6:00-9:35pm M LEC.....R. Song.....Live Online

Section 7160 meets on Mondays starting February 14, 2022. Class will not meet on February 21 and May 30, 2022. Section 7160 is a live online class that includes required Zoom meetings. Online meeting days and times are listed in the schedule. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

7155 6:00-9:10pm T LEC.....R. Song.....Live Online

Section 7155 meets on Tuesdays starting February 15, 2022. Section 7155 is a live online class that includes required Zoom meetings. Online meeting days and times are listed in the schedule. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

Architecture 119 - 3 Units

Recommended Preparation: Drawing and Modeling

Note: formerly Architecture 120abcd

Evening Hours

7162 6:00-6:50pm T LEC.....R. Jacobs.....ITEC 206

7:15-9:20pm TTh LAB.....R. Jacobs.....ITEC 206

6:00-7:05pm Th LEC.....R. Jacobs.....ITEC 206

Architecture 125 - 3 Units

Building Information Modeling II

Recommended Preparation: Architecture 121

Note: formerly Architecture 125abcd

7165 9:00-11:05am S LEC.....H. Mera.....ITEC 206

11:30-3:45pm S LAB.....H. Mera.....ITEC 206

Section 7165 meets on Saturdays. The first class meeting will be Saturday, February 12, 2022.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Architecture 150B - 3 Units

Construction Documentation II

Prerequisite: Architecture 150A and 119 with a minimum grade of C or equivalent

7172 8:30-9:20am T LEC D. Richardson ITEC 202
9:45-11:50am TTh LAB D. Richardson ITEC 202
8:30-9:35am Th LEC D. Richardson ITEC 202

Architecture 170 - 3 Units

Graphic Communications I: Orthographic Drawings

Evening Hours

7175 5:30-6:20pm M LEC D. Richardson ITEC 202
6:45-8:50pm MW LAB D. Richardson ITEC 202
5:30-6:35pm W LEC D. Richardson ITEC 202

Architecture 171 - 3 Units

Architectural Three-Dimensional Illustration

7177 8:30-9:20am M LEC Staff_ITEC ITEC 202
9:45-11:50am MW LAB Staff_ITEC ITEC 202
8:30-9:35am W LEC Staff_ITEC ITEC 202

Architecture 172 - 3 Units

Architectural Color Rendering Techniques

7178 9:00-11:05am F LEC M. Johnson ITEC 202
11:30-3:45pm F LAB M. Johnson ITEC 202

Architecture 179 - 4 Units

Design/Build Studio

Prerequisite: Architecture 150A or Construction Technology 100 with a minimum grade of C

Note: formerly Architecture 180abcd

7182 1:00-2:05pm TTh LEC D. Richardson ITEC 202
..... R. Jacobs
2:20-5:30pm TTh LAB D. Richardson YARD
..... R. Jacobs

Architecture 179 (formerly Architecture 180) is offered once a year during the Spring semester.

Architecture 199 - 4 Units

Architectural Design Studio

Note: formerly Architecture 199abcd

7184 1:00-1:50pm M LEC M. Yeber ITEC 202
2:15-5:25pm MW LAB M. Yeber ITEC 202
1:00-2:05pm W LEC M. Yeber ITEC 202

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Automotive Collision Repair/Painting

(Division of Industry & Technology 310-660-3600)

Automotive Collision Repair/Painting 1A - 8 Units

Introduction to Automotive Collision Repair

7200 8:15-11:05am MTWTh LAB..... P. Fairchild..... CAT 150
11:15-12:40pm MW LEC..... P. Fairchild..... CAT 104
12:55-2:00pm MTWTh LAB P. Fairchild..... CAT 150

Section 7200 Lab is partially combined with Section 7223 Lab.

Automotive Collision Repair/Painting 2A - 8 Units

Basic Automotive Painting-Refinishing

7215 7:00-11:05am MTWTh LAB..... P. Fairchild..... CAT 150
11:15-12:40pm TTh LEC P. Fairchild..... CAT 104
Hours to be arranged Staff..... TBA

Section 7215 Lab is partially combined with Section 7200 Lab.

Automotive Collision Repair/Painting 3A - 1 Unit

Introduction to Automotive Collision Estimating

Evening Hours

7220 6:00-9:10pm TTh LEC C. Owens..... ITEC 116

Section 7220 meets during the first 8 weeks of the semester starting February 15, 2022.

Automotive Collision Repair/Painting 3B - 3 Units

Computerized Collision Damage Estimating

Prerequisite: Automotive Collision Repair/Painting 3A with a minimum grade of C or equivalent

Evening Hours

7221 6:00-9:10pm TTh LEC C. Owens..... ITEC 116

Section 7221 meets during the second 8 weeks of the semester starting April 19, 2022.

Automotive Collision Repair/Painting 4C - 4 Units

Intermediate Automotive Collision Repair I

7224 2:15-6:05pm MW LAB B. Kooiman CAT 150
6:15-7:05pm M LEC B. Kooiman CAT 150
6:15-7:20pm W LEC B. Kooiman CAT 150

Automotive Collision Repair/Painting 5D - 4 Units

Intermediate Auto Refinishing Repair II

7226 6:00-9:25pm F LAB S. Alcaraz Munoz..... CAT 150
9:00-11:05am S LEC..... S. Alcaraz Munoz..... CAT 102
11:35-3:40pm S LAB S. Alcaraz Munoz..... CAT 150

Section 7226 meets on Fridays and Saturdays. The first class meeting is on Saturday, February 12, 2022. Class will not meet on April 9 and April 15, 2022.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Automotive Technology

(Division of Industry & Technology 310-660-3600)

Automotive Technology 1 - 2.5 Units

Introduction to Automotive Service

7289 8:00-10:05am S LEC.....J. Duque..... CAT 135
10:15-12:20pm S LAB.....J. Duque..... CAT 130

Section 7289 meets on Saturdays. The first class meeting is February 12, 2022. Class will not meet on April 9, 2022.

Evening Hours

7255 6:00-8:05pm W LEC.....M. Serrano..... CAT 136
8:15-10:20pm W LAB.....M. Serrano..... CAT 130

Section 7255 meets on Wednesdays. The first class meeting is February 16, 2022.

7254 See Distance Education Website ...E. Matykiewicz Online
9:30-11:35am F LAB.....E. Matykiewicz CAT 130

Section 7254 is an online hybrid class that includes fully online instruction for Lecture and weekly on-campus class meetings for Lab. You must attend the first online Lab class meeting on February 18, 2022 from 9:30 a.m. to 11:35 a.m. in Room CAT 130 or you may be dropped from the class. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

Automotive Technology 14 - 4 Units

Brakes

Recommended Preparation: Automotive Technology 1 or equivalent

7277 9:00-12:10pm TTh LEC.....E. Matykiewicz CAT 135
12:15-1:05pm TTh LAB.....E. Matykiewicz CAT 130
2:20-4:30pm TTh LAB.....E. Matykiewicz CAT 130

Section 7277 meets during the first 8 weeks of the semester starting February 15, 2022.

Automotive Technology 16 - 4 Units

Suspension and Four Wheel Alignment

Recommended Preparation: Automotive Technology 1 or equivalent

7279 9:00-12:10pm TTh LEC.....E. Matykiewicz CAT 135
12:15-1:05pm TTh LAB.....E. Matykiewicz CAT 130
2:20-4:30pm TTh LAB.....E. Matykiewicz CAT 130

Section 7279 meets during the second 8 weeks of the semester starting April 19, 2022.

Automotive Technology 21 - 2.5 Units

Introduction to Engine Performance

Recommended Preparation: Automotive Technology 1 or equivalent

Evening Hours

7262 6:00-8:05pm Th LEC.....M. Serrano..... CAT 132
8:15-10:20pm Th LAB.....M. Serrano..... CAT 130

Section 7262 meets on Thursdays. The first class meeting is February 17, 2022.

Automotive Technology 22A - 8 Units

Introduction to Tune-Up, Electrical and Fuel Systems

Recommended Preparation: Automotive Technology 1 or equivalent

7264 7:30-8:40am MTWTh LEC.....M. Anderson..... CAT 132
8:50-11:25am MTWTh LAB.....M. Anderson..... CAT 130

Labs of Sections 7264 and 7266 are combined.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Automotive Technology 22B - 8 Units

Electrical, Electronics and Computer Controlled Systems

Prerequisite: Automotive Technology 22A with a minimum grade of C or equivalent

7266 9:00-11:35am MTWTh LAB..... M. Anderson CAT 130
11:45-12:55pm MTWTh 111 M. Anderson CAT 132

Labs of Sections 7266 and 7264 are combined.

Automotive Technology 25 - 4 Units

Automotive Electrical Systems

Recommended Preparation: Automotive Technology 21 or 23 or equivalent

Evening Hours

7278 7:00-8:25pm MW LEC J. Duque CAT 132
8:35-10:00pm MW LAB J. Duque CAT 130

Automotive Technology 35 - 4 Units

Manual Transmission, Drive Train and Drive Axles

Recommended Preparation: Automotive Technology 1 or equivalent

Evening Hours

7276 7:00-8:25pm TTh LEC M. Rios CAT 136
8:35-10:00pm TTh LAB..... M. Rios CAT 130

Automotive Technology 43 - 4 Units

Introduction to Engine Repair

Recommended Preparation: Automotive Technology 1 or equivalent

Evening Hours

7274 7:00-8:25pm MW LEC Staff ITEC CAT 135
8:35-10:00pm MW LAB Staff ITEC CAT 130

Automotive Technology 27 - 4 Units

BAR Level I Smog Check Inspector Training

Recommended Preparation: 8 units from the following courses: Automotive Technology 21, Automotive Technology 22A, Automotive Technology 22B, Automotive Technology 23, Automotive Technology 24, Automotive Technology 25 or equivalent trade experience

Note: formerly Automotive Technology 80

7281 1:30-3:35pm MW 111 M. Anderson CAT 132
3:45-4:50pm M 222 M. Anderson CAT 130

Automotive Technology 52 - 3 Units

Introduction to Hybrid, Electric and Fuel Cell Vehicle Technology

Prerequisite: Automotive Technology 1 with a minimum grade of C or concurrent enrollment RP English A and Automotive Technology 51

Evening Hours

7259 5:00-5:50pm T LEC E. Matykiewicz CAT 135
6:15-7:40pm TTh LAB M. Serrano CAT 130
5:00-6:05pm Th LEC E. Matykiewicz CAT 135

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Computer Aided Design/Drafting

(Division of Industry & Technology 310-660-3600)

Computer Aided Design/Drafting 5 - 3 Units

Introduction to Mechanical Drafting

Evening Hours

7308	6:00-6:50pm M LEC	J. Ulloa	ITEC 31
	7:15-9:20pm MW LAB	J. Ulloa	ITEC 31
	6:00-7:05pm W LEC	J. Ulloa	ITEC 31

Section 7308 will use AutoCAD software.

Computer Aided Design/Drafting 7 - 3 Units

Solid Modeling, Assemblies and Two Dimensional (2D) Drawings

Recommended Preparation: Computer Aided Design/Drafting 5 with a minimum grade of C or one year of high school drafting or industry experience

Note: formerly Computer Aided Design/Drafting 10abcd

7309	12:00-12:50pm M LEC	D. Valladares	ITEC 33
	1:15-3:20pm MW LAB	D. Valladares	ITEC 33
	12:00-1:05pm W LEC	D. Valladares	ITEC 33

Evening Hours

7310	6:00-6:50pm T LEC	E. Porto	ITEC 33
	7:15-9:20pm TTh LAB	E. Porto	ITEC 33
	6:00-7:05pm Th LEC	E. Porto	ITEC 33

Section 7310 will use Inventor Pro software.

Computer Aided Design/Drafting 28 - 2 Units

Parametric Three Dimensional (3D) Modeling and Assemblies

Note: formerly Computer Aided Design/Drafting 28abcd

Evening Hours

7326	6:00-7:05pm Th LEC	D. Valladares	ITEC 32
	7:15-10:25pm Th LAB	D. Valladares	ITEC 32

Section 7326 will use Solidworks software.

Computer Aided Design/Drafting 31 - 2 Units

Orientation to CATIA

Recommended Preparation: Computer Aided Design/Drafting 5 or equivalent; eligibility for English 84

Note: formerly Computer Aided Design/Drafting 31abcd

7330	8:00-9:05am S LEC	J. Ulloa	ITEC 32
	9:15-12:25pm S LAB	J. Ulloa	ITEC 32

Section 7330 meets on Saturdays. The first class meeting is on February 12, 2022. Class will not meet on April 9, 2022. This class will use CATIA software.

Evening Hours

7333	6:00-7:05pm T LEC	A. Bakalyar	ITEC 32
	7:15-10:25pm T LAB	A. Bakalyar	ITEC 32

Section 7333 will use CATIA software.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Computer Aided Design/Drafting 32 - 2 Units

Product Modeling with CATIA

Recommended Preparation: Computer Aided Design/Drafting 31

Note: formerly Computer Aided Design/Drafting 32abcd

Evening Hours

7334 6:00-7:05pm MW LEC D. Anttila ITEC 32
7:15-10:35pm MW LAB D. Anttila ITEC 32

**Section 7334 meets during the first 8 weeks of the semester starting February 14, 2022.
Class will not meet on February 21, 2022. Section 7334 will use CATIA software.**

Computer Aided Design/Drafting 37 - 2 Units

Advanced CATIA Functions

Recommended Preparation: Computer Aided Design/Drafting 31

Note: formerly Computer Aided Design/Drafting 37abcd

Evening Hours

7338 6:00-7:05pm TTh LEC D. Anttila ITEC 31
7:15-10:35pm TTh LAB D. Anttila ITEC 31

**Section 7338 meets during the second 8 weeks of the semester starting on April 19, 2022.
Section 7338 will use CATIA software.**

Computer Aided Design/Drafting 43 - 4.5 Units

Design Process and Concepts

Prerequisite: Computer Aided Design/Drafting 7 or Computer Aided Design/Drafting 28 or
Computer Aided Design/Drafting 31 with a minimum grade of C in prerequisite or equivalent

Evening Hours

7344 6:00-7:25pm MW LEC A. Bakalyar ITEC 33
7:40-10:15pm MW LAB A. Bakalyar ITEC 33

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Construction Technology

(Division of Industry & Technology 310-660-3600)

Construction Technology 100 - 4 Units

Building Fundamentals

Evening Hours

7372 6:00-8:35pm MTWTh LAB R. Durand.....YARD
8:50-10:05pm MTWTh LEC..... R. Durand.....CNST 502

Section 7372 meets during the first 8 weeks of the semester starting February 14, 2022.
Class will not meet on February 21, 2022.

Construction Technology 110 - 4 Units

Additions and Remodeling

Evening Hours

7358 6:00-8:35pm MTWTh LAB R. Durand.....YARD
8:50-10:05pm MTWTh LEC..... R. Durand.....CNST 502
Hours to be arranged Staff.....TBA

Section 7358 meets during the second 8 weeks of the semester starting April 18, 2022.
Class will not meet on May 30, 2022.

Construction Technology 121 - 4 Units

Concrete and Formwork

Prerequisite: Construction Technology 100 or 110 with a minimum grade of C in prerequisite or equivalent

7361 8:00-9:10am TTh LEC O. OrtizCNST 502
9:25-11:55am TTh LAB..... O. OrtizYARD

Construction Technology 132 - 4 Units

Stair Framing

Prerequisite: Construction Technology 100 or 110 with a minimum grade of C in prerequisite or equivalent

7366 8:00-1:20pm S LAB M. PenaYARD
1:30-4:00pm S LEC M. PenaCNST 502

Section 7366 meets on Saturdays starting February 12, 2022. Class will not meet on April 9, 2022.

Construction Technology 150 - 3 Units

Contract Estimating

Recommended Preparation: completion of 12 units of Construction Technology or a minimum of 3 years of construction work experience

7363 8:00-11:10am W LEC M. PenaCNST 502
..... O. Ortiz

Construction Technology 172 - 4 Units

Residential Electrical Wiring

7367 1:00-2:15pm MTWTh LEC..... R. Durand.....CNST 502
2:30-5:05pm MTWTh LAB R. Durand.....YARD

Section 7367 meets during the first 8 weeks of the semester starting February 14, 2022.
Class will not meet on February 21, 2022.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Construction Technology 200 - 2 Units

General Cabinet Making

Evening Hours

7351 6:00-7:05pm T LEC J. Selph..... CNST 502
7:15-10:25pm T LAB..... J. Selph..... CNST 500

Note: Class expense will be determined by each student's personal project.

Construction Technology 201 - 2 Units

Upper Residential Cabinets

7353 1:00-2:05pm S LEC J. Selph..... CNST 502
2:15-5:25pm S LAB J. Selph..... CNST 500

Section 7353 meets on Saturdays starting February 12, 2022. Class will not meet on April 9, 2022. **Note:** Class expense will be determined by each student's personal project.

Construction Technology 202 - 2 Units

Base Residential Cabinets

7354 8:00-9:05am S LEC..... J. Selph..... CNST 502
9:15-12:25pm S LAB J. Selph..... CNST 500

Section 7354 meets on Saturdays starting February 12, 2022. Class will not meet on April 9, 2022. **Note:** Class expense will be determined by each student's personal project.

Construction Technology 203 - 2 Units

Dedicated Use Cabinets

Evening Hours

7356 6:00-7:05pm M 111..... J. Selph..... CNST 502
7:15-10:50pm M LAB..... J. Selph..... CNST 500

Section 7356 meets on Mondays starting February 14, 2022. Class will not meet on February 21 and May 30, 2022. **Note:** Class expense will be determined by each student's personal project.

Construction Technology 213 - 1.5 Units

Furniture Making Laboratory - Building Without Plans

Prerequisite: Construction Technology 200 or 201 or 202 or 203 with a minimum grade of C or concurrent enrollment

Evening Hours

7376 5:30-10:20pm W 222..... J. Selph..... CNST 500

Note: Class expense will be determined by each student's personal project.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Cosmetology

(Division of Industry & Technology 310-660-3600)

Cosmetology 1 - 13 Units

Introduction to Cosmetology Procedures

7400 8:00-9:10am MTWThF LEC L. Nishihira ITEC 149
..... M. Winfree
9:25-12:40pm MTWThF LAB L. Nishihira ITEC 148
..... M. Winfree
1:10-4:15pm MTWThF LAB L. Nishihira ITEC 148
..... M. Winfree
Hours to be arranged Staff..... TBA

Section 7400 is for students attending Cosmetology for the first time. Students must attend all class sessions, Monday through Friday, 8:00 a.m. to approximately 4:30 p.m. Student costs for textbooks, cosmetology kit, facial kit, and nail kit are approximately \$1,600 and must be purchased at the El Camino Bookstore by the first week of class. NO EXCEPTIONS. Additional materials will be required. This is not a registration fee and is not paid at registration.

Cosmetology 2A - 8 Units

Intermediate Cosmetology

Prerequisite: Cosmetology 1 or Cosmetology 10 and Cosmetology 11 with a minimum grade of C or equivalent

7401 8:00-9:10am MTWThF LEC C. Brewer Smith..... ITEC 143
..... M. Cooper
9:25-12:00pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper
12:30-4:20pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper

Section 7401 meets during the first 8 weeks of the semester starting February 14, 2022. Students must attend all class sessions, Monday through Friday, 8:00 a.m. to approximately 4:30 p.m. First-time El Camino College Students must purchase their material kit from the El Camino College Bookstore by the first week of class. Student cost for textbooks and equipment is approximately \$1,600. Additional materials at an estimated cost of \$100 may be required. Section 7401 is combined with Sections 7403, 7407 and 7417.

7402 8:00-9:10am MTWThF LEC C. Brewer Smith..... ITEC 143
..... M. Cooper
9:25-12:00pm MTWThF LAB M. Cooper ITEC 143
12:30-4:20pm MTWThF 222 C. Brewer Smith..... ITEC 143

Section 7402 meets during the second 8 weeks starting April 18, 2022. Students must attend all class sessions, Monday through Friday, 8:00 a.m. to approximately 4:30 p.m. First-time El Camino College Students must purchase their material kit from the El Camino College Bookstore by the first week of class. Student cost for textbooks and equipment is approximately \$1,600. Additional materials at an estimated cost of \$100 may be required. Section 7402 is combined with Sections 7405, 7409 and 7418.

Evening Hours

7408 5:00-5:50pm MTWTh LEC M. Gonzales ITEC 143
..... Y. Youn.....
6:10-10:15pm MTWTh LAB M. Gonzales ITEC 143
..... Y. Youn.....

Section 7408 meets during the 2nd 8 weeks of the semester starting April 18, 2022. Students must attend all class sessions. First-time El Camino College Students must purchase their material kit from the El Camino College Bookstore by the first week of class. NO EXCEPTIONS. Student cost for textbooks and equipment is approximately \$1,600. Additional materials at an estimated cost of \$100 may be required. This is not a registration fee and is not paid at registration. Section 7408 is combined with Sections 7410, 7412, and 7419.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Cosmetology 2B - 8 Units

Advanced Cosmetology

Prerequisite: Cosmetology 2A or Cosmetology 11 with a minimum grade of C in prerequisite or equivalent

7403 8:00-9:10am MTWThF LEC..... C. Brewer Smith..... ITEC 143
..... M. Cooper.....
9:25-12:00pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper.....
12:30-4:20pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper.....

Section 7403 meets during the first 8 weeks of the semester starting February 14, 2022. Students must attend all class sessions, Monday through Friday, 8:00 a.m. to approximately 4:30 p.m. First-time El Camino College Students must purchase their material kit from the El Camino College Bookstore by the first week of class. NO EXCEPTIONS. Note: Student cost for textbooks and equipment is approximately \$1,600. Additional materials at an estimated cost of \$100 may be required. Section 7403 is combined with Sections 7401, 7407, and 7417.

7405 8:00-9:10am MTWThF LEC..... C. Brewer Smith..... ITEC 143
..... M. Cooper.....
9:25-12:00pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper.....
12:30-4:20pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper.....

Section 7405 meets during the second 8 weeks starting April 18, 2022. Students must attend all class sessions, Monday through Friday, 8:00 a.m. to approximately 4:30 p.m. First-time El Camino College Students must purchase their material kit from the El Camino College Bookstore by the first week of class. Student cost for textbooks and equipment is approximately \$1,600. Additional materials at an estimated cost of \$100 may be required. Section 7405 is combined with Sections 7402, 7409 and 7418.

Evening Hours

7410 5:00-5:50pm MTWTh LEC..... M. Gonzales ITEC 143
..... Y. Youn.....
6:10-10:15pm MTWTh LAB M. Gonzales ITEC 143
..... Y. Youn.....

Students must attend all class sessions. First-time El Camino College Students must purchase their material kit from the El Camino College Bookstore by the first week of class. NO EXCEPTIONS. Student cost for textbooks and equipment is approximately \$1,600. Additional materials at an estimated cost of \$100 may be required. This is not a registration fee and is not paid at registration. Section 7408 is combined with Sections 7408, 7412, and 7419.

Cosmetology 2C - 8 Units

Advanced Cosmetology and State Board Review

Prerequisite: Cosmetology 2B or Cosmetology 11 with a minimum grade of C in prerequisite or equivalent

7407 8:00-9:10am MTWThF LEC..... C. Brewer Smith..... ITEC 143
..... M. Cooper.....
9:25-12:00pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper.....
12:30-4:20pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper.....

Section 7407 meets during the first 8 weeks of the semester starting February 14, 2022. Students must attend all class sessions, Monday through Friday, 8:00 a.m. to approximately 4:30 p.m. First-time El Camino College Students must purchase their material kit from the El Camino College Bookstore by the first week of class. Student cost for textbooks and equipment is approximately \$1,600. Additional materials at an estimated cost of \$100 may be required. Section 7407 is combined with Sections 7401, 7403 and 7417.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

7409 8:00-9:10am MTWThF LEC..... C. Brewer Smith..... ITEC 143
..... M. Cooper
9:25-12:00pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper
12:30-4:20pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper

Section 7409 meets during the 2nd 8 weeks of the semester starting April 18, 2022. Students must attend all class sessions, Monday through Friday, 8:00 a.m. to approximately 4:30 p.m. First-time El Camino College Students must purchase their material kit from the El Camino College Bookstore by the first week of class. Student cost for textbooks and equipment is approximately \$1,600. Additional materials at an estimated cost of \$100 may be required. Section 7409 is combined with Sections 7402, 7405 and 7418.

Evening Hours

7412 5:00-5:50pm MTWTh LEC..... M. Gonzales ITEC 143
..... Y. Youn.....
6:10-10:15pm MTWTh LAB M. Gonzales ITEC 143
..... Y. Youn.....

Students must attend all class sessions. First-time El Camino College Students must purchase their material kit from the El Camino College Bookstore by the first week of class. NO EXCEPTIONS. Student cost for textbooks and equipment is approximately \$1,600. Additional materials at an estimated cost of \$100 may be required. This is not a registration fee and is not paid at registration. Section 7412 is combined with Sections 7408, 7410, and 7419.

Cosmetology 2D - 8 Units

Advanced Preparation for State Board Review

Prerequisite: Cosmetology 2C with a minimum grade of C

7417 8:00-9:10am MTWThF LEC..... C. Brewer Smith..... ITEC 143
..... M. Cooper
9:25-12:00pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper
12:30-4:20pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper

Section 7417 meets during the first 8 weeks of the semester starting February 14, 2022. Students must attend all class sessions, Monday through Friday, 8:00 a.m. to approximately 4:30 p.m. First-time El Camino College Students must purchase their material kit from the El Camino College Bookstore by the first week of class. Student cost for textbooks and equipment is approximately \$1,600. Additional materials at an estimated cost of \$100 may be required. Section 7417 is combined with Sections 7401, 7403 and 7407.

7418 8:00-9:10am MTWThF LEC..... C. Brewer Smith..... ITEC 143
..... M. Cooper
9:25-12:00pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper
12:30-4:20pm MTWThF LAB C. Brewer Smith..... ITEC 143
..... M. Cooper

Section 7418 meets during the 2nd 8 weeks of the semester starting April 18, 2022. Students must attend all class sessions, Monday through Friday, 8:00 a.m. to approximately 4:30 p.m. First-time El Camino College Students must purchase their material kit from the El Camino College Bookstore by the first week of class. Student cost for textbooks and equipment is approximately \$1,600. Additional materials at an estimated cost of \$100 may be required. Section 7418 is combined with Sections 7402, 7405 and 7409.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Evening Hours

7419	5:00-5:50pm MTWTh LEC.....	M. Gonzales	ITEC 143
		Y. Youn.....	
	6:10-10:15pm MTWTh LAB	M. Gonzales	ITEC 143
		Y. Youn.....	

Students must attend all class sessions. First-time El Camino College Students must purchase their material kit from the El Camino College Bookstore by the first week of class. NO EXCEPTIONS. Student cost for textbooks and equipment is approximately \$1,600. Additional materials at an estimated cost of \$100 may be required. This is not a registration fee and is not paid at registration. Section 7419 is combined with Sections 7408, 7410, and 7412.

Cosmetology 10 - 6.5 Units

Introduction to Cosmetology I

Evening Hours

7404	5:00-5:50pm MW LEC	B. Tran	ITEC 149
	6:10-10:00pm MTWTh LAB	B. Tran	ITEC 148
	5:00-6:05pm TTh LEC	B. Tran	ITEC 149

Section 7404 is for students attending Cosmetology for the first time. Students must attend all class sessions, Monday through Thursday from 5:00pm to 10:00pm. Student costs for textbooks, cosmetology kit, facial kit, and nail kit are approximately \$1,600 and must be purchased at the El Camino Bookstore by the first week of class. NO EXCEPTIONS. Section 7404 is combined with Section 7406.

Cosmetology 11 - 6.5 Units

Introduction to Cosmetology II

Prerequisite: Cosmetology 10 with a minimum grade of C or equivalent

Evening Hours

7406	5:00-5:50pm MW LEC	B. Tran	ITEC 149
	6:10-10:00pm MTWTh LAB	B. Tran	ITEC 148
	5:00-6:05pm TTh LEC	B. Tran	ITEC 149

Section 7406 is combined with Section 7404. Students must attend all class sessions, Monday through Thursday, 5:00 p.m. to 10:00 p.m. Additional materials at an estimated cost of \$100 may be required.

Cosmetology 21 - 10 Units

Advanced Esthetician

Prerequisite: Cosmetology 20 with a minimum grade of C or equivalent

7416	8:00-10:30am MW LEC.....	T. Avery.....	ITEC 143
		T. Nguyen	
	10:40-12:10pm MW LAB	T. Avery.....	ITEC 143
		T. Nguyen	
	1:00-2:10pm MW LAB	T. Avery.....	ITEC 143
		T. Nguyen	
	8:00-11:50am TTh LAB.....	T. Avery.....	ITEC 143
		T. Nguyen	
	1:00-2:05pm TTh LAB	T. Avery.....	ITEC 143
		T. Nguyen	

Section 7416 is for students continuing in the Esthetician program. Students must attend all class sessions, Monday through Thursday from approximately 8:00 a.m. to approximately 2:10 p.m. Student cost for textbooks and facial State Board kit is approximately \$125-\$135 and materials must be purchased at the El Camino Bookstore by the first week of class. NO EXCEPTIONS.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Electronics and Computer Hardware Technology

(Division of Industry & Technology 310-660-3600)

Electronics and Computer Hardware Technology 11 - 3 Units

Introduction to Electronics

7450 9:30-10:20am M LECStaff ITEC ITEC 208
10:45-12:50pm MW LABStaff ITEC ITEC 208
9:30-10:35am W LECStaff ITEC ITEC 208

Evening Hours

7456 6:00-6:50pm T LECStaff ITEC ITEC 208
7:15-9:20pm TTh LABStaff ITEC ITEC 208
6:00-7:05pm Th LECStaff ITEC ITEC 208

Electronics and Computer Hardware Technology 22 - 3 Units

Basic Electronic Fabrication

7462 1:30-2:20pm M LECStaff ITEC ITEC 208
2:45-4:50pm MW LABStaff ITEC ITEC 208
1:30-2:35pm W LECStaff ITEC ITEC 208

Electronics and Computer Hardware Technology 110 - 3 Units

Introduction to Direct and Alternating Current Circuits

Prerequisite: Electronics and Computer Hardware Technology 11 with a minimum grade of C

Evening Hours

7465 6:00-6:50pm M LECStaff ITEC ITEC 208
7:15-9:20pm MW LABStaff ITEC ITEC 208
6:00-7:05pm W LECStaff ITEC ITEC 208

Electronics and Computer Hardware Technology 122 - 3 Units

Semiconductor Circuits II

Recommended Preparation: Electronics and Computer Hardware Technology 11 or equivalent

Evening Hours

7476 6:00-6:50pm M LECStaff ITEC ITEC 209
7:15-9:20pm MW LABStaff ITEC ITEC 209
6:00-7:05pm W LECStaff ITEC ITEC 209

Electronics and Computer Hardware Technology 130 - 3 Units

Digital Systems and Computer Logic I

Recommended Preparation: Electronics and Computer Hardware Technology 11

7481 9:30-10:20am T LECStaff ITEC ITEC 209
10:45-12:50pm TTh LABStaff ITEC ITEC 209
9:30-10:35am Th LECStaff ITEC ITEC 209

Electronics and Computer Hardware Technology 140 - 3 Units

Introduction to Computer Hardware Systems I

Recommended Preparation: Electronics and Computer Hardware Technology 11 and Computer Information Systems 13 or equivalent

Evening Hours

7485 6:00-6:50pm T LEC P. Akhigbe ITEC 213
7:15-9:20pm TTh LAB P. Akhigbe ITEC 213
6:00-7:05pm Th LEC P. Akhigbe ITEC 213

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Electronics and Computer Hardware Technology 142 - 3 Units

Computer Systems and Hardware Technologies II with CompTIA Server+

Recommended Preparation: Electronics and Computer Hardware Technology 140 with a minimum grade of C

Evening Hours

7483	6:00-6:50pm M LEC	P. Akhigbe	ITEC 213
	7:15-9:20pm MW LAB	P. Akhigbe	ITEC 213
	6:00-7:05pm W LEC	P. Akhigbe	ITEC 213

Electronics and Computer Hardware Technology 191 - 3 Units

Introduction to Microprocessors and Interfacing

Prerequisite: Electronics and Computer Hardware Technology 11 or 130 or Engineering Technology 14 or Manufacturing Technology 70 with a minimum grade of C

Evening Hours

7258	6:00-6:50pm T LEC	Staff_ITEC	ITEC 209
	7:15-9:20pm TTh LAB	Staff_ITEC	ITEC 209
	6:00-7:05pm Th LEC	Staff_ITEC	ITEC 209

INDUSTRY & TECHNOLOGY DIVISION
SPRING 2022 SCHEDULE

Updated: 11.30.2021

Engineering Technology

(Division of Industry & Technology 310-660-3600)
Engineering Technology 14 - 3 Units

Electronics for Engineering Technologists

Evening Hours

7502	6:00-6:50pm T LEC	..... M. Zahedi.....	ITEC 17
	7:15-9:20pm TTh LAB	..... M. Zahedi.....	ITEC 17
	6:00-7:05pm Th LEC	..... M. Zahedi.....	ITEC 17

Engineering Technology 16 - 3 Units

Computer Integrated Manufacturing

7503	1:00-1:50pm M LEC	..... E. Carlson.....	ITEC 17
	2:15-4:20pm MW LAB	..... E. Carlson.....	ITEC 5
	1:00-2:05pm W LEC	..... E. Carlson.....	ITEC 17

INDUSTRY & TECHNOLOGY DIVISION
SPRING 2022 SCHEDULE

Updated: 11.30.2021

Environmental Technology

(Division of Industry & Technology 310-660-3600)

Environmental Technology 102 - 3 Units

Sustainable Energy and Renewable Building Sciences and Technologies

Recommended Preparation: Environmental Technology 101 and eligibility for English 1A

Note: formerly Environmental Technology 1

7520 See Distance Education Website ...M. Greas.....Online

Section 7520 is a fully online class. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Fashion

(Division of Industry & Technology 310-660-3600)

Fashion 1 - 1 Unit

Career Opportunities in Fashion

Evening Hours

7522 6:00-8:20pm T LEC P. Ratcliff Live Online

Section 7522 meets during the 2nd 8 weeks of the semester starting April 19, 2022. Section 7522 is a live online class that includes required Zoom meetings. Online meeting days and times are listed in the schedule. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

Fashion 2 - 1 Unit

Presentation Techniques for Fashion

Prerequisite: one semester of Art 10ab with a minimum grade of C or equivalent

Recommended Preparation: Fashion 15ab and Fashion 16ab

7524 1:00-1:50pm M LEC V. Ashley ITEC 225A
2:00-3:35pm M LAB V. Ashley ITEC 225A

Section 7524 meets on Mondays beginning February 14, 2022. Class will not meet on February 21 and May 30, 2022.

Fashion 4 - 3 Units

Computer Fashion Illustration

Recommended Preparation: Fashion 15 or equivalent experience

Note: formerly Fashion 4ab

7529 See Distance Education Website ... A. Owens Online
11:15-1:20pm MW LAB A. Owens ITEC 218

Section 7529 is an online hybrid class that includes fully online instruction for Lecture and a combination of online and on-campus class meetings for Lab. You must attend the first on-campus Lab class meeting on February 14, 2022 from 11:15 a.m. to 1:20 p.m. in Rm. ITEC-218 or you may be dropped from the class. Your instructor will advise you which Lab days will be online and which days will be on campus. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

Fashion 10 - 3 Units

Clothing Construction I

Note: formerly Fashion 10ab

7527 9:30-10:20am M LEC V. Ashley ITEC 225B
10:45-12:10pm MW LAB V. Ashley ITEC 225B
9:30-10:35am W LEC V. Ashley ITEC 225B

Fashion 14 - 1 Unit

Apparel Production Techniques

Prerequisite: Fashion 4, Fashion 10, Fashion 15, and Fashion 26A with a minimum grade of C in prerequisite

Recommended Preparation: Fashion 1 and Fashion 20; Mathematics 40 or Mathematics 43

7539 4:30-5:20pm M LEC V. Ashley ITEC 225A
3:45-5:10pm W LAB V. Ashley ITEC 225A

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Fashion 16 - 2 Units

Intermediate Contemporary and Historical Fashion Illustration

Prerequisite: Fashion 15 with a minimum grade of C or equivalent

Recommended Preparation: Art 217

Note: formerly Fashion 16ab

7538 11:00-12:05pm F LEC.....G. Baizer ITEC 218

12:20-3:30pm F LABG. Baizer ITEC 218

Section 7538 meets on Fridays starting February 18, 2022. Class will not meet on April 15, 2022.

Fashion 20 - 3 Units

Textiles

Recommended Preparation: eligibility for English 84

Evening Hours

7543 5:30-8:40pm M LEC V. Ashley Live Online

Section 7543 is a live online class that includes required Zoom meetings. Online meeting days and times are listed in the schedule. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

Fashion 26B - 3 Units

Basic Dress Design Through Draping Process

Prerequisite: one semester of Fashion 10ab with a minimum grade of C or equivalent

7542 2:30-4:35pm T LEC C. Gotts ITEC 225A

4:45-7:55pm T LAB C. Gotts ITEC 225A

Fashion 28 - 2 Units

Visual Merchandising

Recommended Preparation: English A

7544 12:00-12:50pm F LEC.....S. Warren ITEC 225A

1:00-4:10pm F LABS. Warren ITEC 225A

Fashion 31 - 3 Units

History of Costume

Recommended Preparation: eligibility for English 84

4795 See Distance Education Website ... B. Goodwin Online

Section 4795 is a fully online class. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

Fashion 44 - 3 Units

Fashion Show Production and Promotion

Prerequisite: Fashion 10 and Fashion 41 with a minimum grade of C in prerequisite

Note: formerly Fashion 42abc

7550 11:00-1:05pm T LEC V. Ashley Online

12:30-3:40pm W LAB..... V. Ashley ITEC 225A

Section 7550 is an online hybrid class that includes required online Zoom meetings for Lecture and on-campus class meetings for Lab. You must attend the first online Lecture class meeting on April 19, 2022 from 11:00 a.m. to 1:05 p.m. or you may be dropped from the class. Online Lecture meeting days and times are listed in the schedule. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Machine Tool Technology

(Division of Industry & Technology 310-660-3600)

Machine Tool Technology 10B - 3 Units

Computer Numerical Control Programming

Prerequisite: Machine Tool Technology 10A or equivalent; Machine Tool Technology 40 or equivalent; Machine Tool Technology 101abcd or 46 or equivalent with a minimum grade of C in prerequisite

Evening Hours

7689 5:00-7:30pm Th LEC V. DeLaTorre ITEC 34
7:45-9:10pm Th LAB V. DeLaTorre ITEC 34

Section 7689 meets on Thursdays starting February 17, 2022.

Machine Tool Technology 10J - 3 Units

Numerical Control Graphics Programming

Recommended Preparation: Machine Tool Technology 10A, Machine Tool Technology 40, Machine Tool Technology 101abcd or equivalent

Evening Hours

7672 5:00-7:05pm T LEC V. DeLaTorre ITEC 34
7:15-10:25pm T LAB V. DeLaTorre ITEC 34

Section 7672 meets on Tuesdays starting February 15, 2022.

Machine Tool Technology 16 - 3 Units

General Metals

Note: formerly Machine Tool Technology 16ab

7674 8:30-10:35am S LEC Staff ITEC ITEC 18
10:45-3:00pm S LAB Staff ITEC ITEC 5

Section 7674 meets on Saturdays beginning February 12, 2022. There will be no class on Saturday, April 9, 2022.

Machine Tool Technology 40 - 3 Units

Machine Shop Calculations

Recommended Preparation: Machine Tool Technology 2 and Mathematics 23

Evening Hours

7676 7:00-10:10pm T LEC T. Monzello ITEC 111

Section 7676 meets on Tuesdays starting February 15, 2022.

Machine Tool Technology 101 - 4 Units

Introduction to Conventional and CNC Machining

Note: formerly Machine Tool Technology 101abcd

Evening Hours

7677 5:30-6:20pm T LEC Staff ITEC ITEC 18
6:45-9:55pm TTh LAB Staff ITEC ITEC 5
5:30-6:35pm Th LEC Staff ITEC ITEC 18

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Machine Tool Technology 103 - 4 Units

Conventional and CNC Turning

Prerequisite: Machine Tool Technology 46 or 101 with a minimum grade of C in prerequisite or equivalent

Note: formerly Machine Tool Technology 103abcd

7680 8:00-9:05am MTWTh LEC E. Carlson..... ITEC 18
9:15-12:30pm MTWTh LAB E. Carlson..... ITEC 5

Section 7680 meets during the first 8 weeks of the semester starting February 14, 2022.

Machine Tool Technology 105 - 4 Units

Conventional and CNC Milling

Prerequisite: Machine Tool Technology 46 or 101 with a minimum grade of C in prerequisite or equivalent

Note: formerly Machine Tool Technology 105abcd

Evening Hours

7682 5:30-6:20pm M LEC Staff_ITEC..... ITEC 18
6:45-9:55pm MW LAB Staff_ITEC..... ITEC 5
5:30-6:35pm W LEC Staff_ITEC..... ITEC 18

Machine Tool Technology 107 - 4 Units

Advanced Manufacturing Processes

Prerequisite: Machine Tool Technology 46 or 101 with a minimum grade of C in prerequisite or equivalent

Note: formerly Machine Tool Technology 107abcd

7684 8:00-9:05am MTWTh LEC E. Carlson..... ITEC 18
9:15-12:30pm MTWTh LAB E. Carlson..... ITEC 5

Section 7684 meets during the second 8 weeks of the semester starting April 18, 2022.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Nutrition and Foods (*See Nutrition Science*)

Nutrition Science

(Division of Industry & Technology 310-660-3600)

Nutrition Science 110 - 3 Units

Introduction to Nutrition Science

Recommended Preparation: English 1

Note: Formerly Nutrition and Foods 11

4792 See Distance Education Website ...J. Gray..... Online

Section 4792 is a fully online class that meets during the first 8 weeks of the semester starting February 12, 2022. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

4797 See Distance Education Website ...J. Gray..... Online

Section 4797 is a fully online class that meets during the second 8 weeks of the semester starting April 16, 2022. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

4798 See Distance Education Website ...M. Lyons..... Online

Section 4798 is a fully online class that meets during the first 8 weeks of the semester starting February 12, 2022. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

7720 See Distance Education Website ...S. Warren Online

Section 7720 is a fully online class. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

7722 See Distance Education Website ...M. Lyons..... Online

Section 7722 is a fully online class that meets during the first 8 weeks of the semester starting February 12, 2022. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

7723 See Distance Education Website ...B. Dekofsky Online

Section 7723 is a fully online class. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

7724 See Distance Education Website ...M. Lyons..... Online

Section 7724 is a fully online class that meets during the second 8 weeks of the semester starting April 16, 2022. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

7738 See Distance Education Website ...J. Gray..... Online

Section 7738 is a fully online class that meets during the second 8 weeks of the semester starting April 16, 2022. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

Evening Hours

7734 5:00-8:10pm W LEC.....S. Haddad-Tabrizi ..Live Online

Section 7734 is a live online class that includes required Zoom meetings. Online meeting days and times are listed in the schedule. Registered students must login to the Canvas site on the first day of class and follow any instructions or they may be dropped from the class.

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Welding

(Division of Industry & Technology 310-660-3600)

Welding 1B - 4 Units

Advanced Welding for Manufacturing

Prerequisite: Welding 1A or Welding 10A with a minimum grade of C in prerequisite or equivalent

7769 4:00-6:30pm M LEC R. Newell CAT 104
6:45-9:15pm MW LAB R. Newell CAT 170

Welding 10A - 4 Units

Introduction to Shielded Metal Arc Welding (SMAW)

7765 8:30-9:45am MTWTh 111 D. Meek CAT 102
10:00-12:35pm MTWTh LAB D. Meek CAT 170

Section 7765 meets during the 1st 8 weeks of the semester starting February 14, 2022.
Class will not meet on February 21, 2022.

Evening Hours

7761 6:00-7:10pm TTh LEC S. Greevic CAT 104
7:30-10:00pm TTh LAB S. Greevic CAT 170

Welding 10B - 4 Units

Intermediate Shielded Metal Arc Welding (SMAW)

Recommended Preparation: Welding 10A

7764 8:30-9:45am MTWTh LEC D. Meek CAT 102
10:00-12:35pm MTWTh LAB D. Meek CAT 170

Section 7764 meets during the 2nd 8 weeks of the semester starting April 18, 2022. Class
will not meet on May 30, 2022.

Welding 10C - 2 Units

Advanced Certification and Career Preparation Lab

Prerequisite: Welding 10B with a minimum grade of C or equivalent

7775 12:30-3:40pm MW LAB R. Newell CAT 170

Welding 20A - 4 Units

Flux Cored Arc Welding (FCAW)

Prerequisite: Welding 10C or Welding 23 with a minimum grade of C

7768 2:00-3:10pm MW LEC D. Meek CAT 102
3:30-6:00pm MW 222 D. Meek CAT 170

Welding 23 - 2 Units

Advanced Arc Welding Specialty Lab

Prerequisite: Welding 10B with a minimum grade of C in prerequisite or equivalent

Note: formerly Welding 23abc

7766 7:00-10:10am MW 222 R. Newell CAT 170

Welding 29 - 3 Units

Blueprint Reading

7784 2:30-3:55pm MW LEC R. Newell ITEC 116

INDUSTRY & TECHNOLOGY DIVISION SPRING 2022 SCHEDULE

Updated: 11.30.2021

Welding 40A - 3 Units

Introduction to Gas Tungsten Arc Welding (GTAW)

7776 3:00-5:05pm TTh LAB S. Greovic..... CAT 170
4:00-6:05pm W LEC..... R. Newell CAT 104

Welding 40B - 3 Units

Intermediate Gas Tungsten Arc Welding (GTAW)

Recommended Preparation: Welding 40A

7781 8:00-10:05am S LEC..... N. Colin..... CAT 104
10:20-2:35pm S LAB N. Colin..... CAT 170

Section 7781 meets on Saturdays starting February 12, 2022. Class will not meet on April 9, 2022.

Welding 40C - 2 Units

Advanced Gas Tungsten Arc Welding (GTAW) Skills Lab

Prerequisite: Welding 40B with a minimum grade of C or equivalent

Evening Hours

7771 5:45-8:55pm TTh LAB N. Colin..... CAT 170

INDUSTRY & TECHNOLOGY DIVISION
SPRING 2022 SCHEDULE

Updated: 11.30.2021

Woodworking (*See Construction Technology*)