



LONG BEACH CITY COLLEGE  
CATALOG 2019 - 2020 ADDENDUM  
VII- FALL 19

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# NEW DEGREES

## ELECTRICAL TECHNOLOGY

### Associate of Science, Electrical Technology, Traffic Signal Technician (Plan Code: 2996)

The Associate of Science in Electrical Technology, Traffic Signal Technician will prepare students for entry-level employment in the traffic signal maintenance and troubleshooting industry. Most of this work is done by technicians employed by cities where the traffic signal systems are located. Upon completion the student will be able to install, maintain, and repair traffic signal systems in a safe and workmanlike manner. Limitation on Enrollment - New students must attend an Electrical orientation prior to enrollment. The program requisite is in place to ensure the safety and health awareness of LBCC electrical students.

#### Program Student Learning Outcome:

- Develop procedures for the successful installation, maintenance and troubleshooting of Traffic Signal systems.

REQUIRED CORE COURSES		UNITS
ELECT 253	OSHA Standards for Construction Safety	2.0
ELECT 225	Algebra and Trigonometry for Technicians	4.0
ELECT 204	First Semester Fundamentals of DC Electricity	4.0
ELECT 240	Introduction to the National Electrical Code	3.0
ELECT 209	Second Sem Fund of Motors/Generators	4.0
ELECT 435A	Motor Control Wiring and Troubleshooting	2.0
ELECT 212	Third Semester Fund of AC Electricity	4.0
ELECT 214	Fourth Semester AC Principles & Practice	4.0
ELECT 242	Electrical Code – Grounding	1.5
Subtotal Units		28.5
REQUIRED CONCENTRATION COURSES		
ELECT 280	Traffic Signal Systems 1	3.0
ELECT 284	Traffic Signal Controllers & Digital Systems	3.0
ELECT 285	Traffic Signal Inspection and Safety	2.0
ELECT 275	Electrical Pipe Bending	1.0
ELECT 256	High Voltage Safety Awareness	1.0
Subtotal Units		10.0
Total Units		38.5

## FOREIGN LANGUAGES

### Associate in Arts, Japanese (Plan Code: 1964)

The Associate in Arts in Japanese at LBCC aligns with the college's mission to provide a transfer path for student success. It prepares students to communicate effectively in Japanese in a wide range of situations in both personal and professional settings. Students will broaden their cultural awareness and develop sensitivity to the Japanese culture within the global

community. The skills obtained through this degree promote equitable learning and achievement, and will prepare a diverse population of students for career development and transfer to a four-year college or university. Japanese companies are some of the largest companies in the world, requiring knowledge of the Japanese language and culture. Students who enter the program with advanced skills may complete the *Prerequisite Challenge* form to enter a higher level of language study in the program.

Program Student Learning Outcomes:

- Demonstrate reading comprehension at the appropriate level.
- Demonstrate aural comprehension at the appropriate level.
- Formulate ideas orally at the appropriate level.
- Formulate ideas in writing at the appropriate level.

REQUIRED COURSES

Complete a minimum of FIFTEEN (15) units from:	UNITS
JAPAN 1      Elementary Japanese	5
JAPAN 2      Elementary Japanese	5
JAPAN 3      Intermediate Japanese	5
JAPAN 4      Intermediate Japanese	5
Subtotal Units	15

IN ADDITION, complete THREE (3) units from:

ART 5          History of Asian Art	3
ANTHR 2      Cultural Anthropology	3
ANTHR 4      Linguistic Anthropology	3
HIST 9B      History of Japan and Korea	3
LING 1        Linguistics 1	3
LING 3        Introduction to World Languages	3
Subtotal Units	3
Total Units	18

**MODIFIED DEGREE**

**HUMAN SERVICES**

**Associate in Arts, Human Services Generalist (Plan Code: 1810)**

This Associate Degree will prepare students for an entry-level position in the human services/social work field and for career advancement for those already employed in these occupations. Jobs may include case management, care giver, advocate, and activities coordinator. Students learn the skills and knowledge necessary to potentially transfer to upper division programs in social work or human services and to be employed at the paraprofessional entry level in social work and human services agencies.

Program Student Learning Outcomes:

- Develop a psychosocial treatment plan for a client.
- Analyze information and assess level of crisis intervention needed to best meet client needs.

REQUIRED CORE COURSES	UNITS
HS 1 Introduction to Social Work	3
HS 50 Law and Ethics	3
HS 43 Case Management: Treatment & Aftercare	3
HS 48 Group & Family Process	3
Subtotal Units	12

IN ADDITION, complete TWELVE- TWELVE AND A HALF (12-12.5) units from:

HS 45 Stress Management for Case Managers	3
HS 207 Development of Helping/Listening Skills	3
HS 7 Introduction to Victimology	3
HS 252 Co-Occurring Disorders	3
HS 242 Conflict Resolution/Mediation	3
HS 260 Domestic Violence Intervention Strategies	3
HS 15 Social Welfare: People with Disabilities	3
HS 41 Introduction to Chemical Dependency	3
HS 26 Introduction to Gerontology	3
HS 72A Field Instruction and Seminar I	3.5
Subtotal Units	12-12.5
Total Units	24-24.5

## NEW CERTIFICATES OF ACHIEVEMENT

### ELECTRICAL TECHNOLOGY

#### **Certificate of Achievement, Electrical Technology, Solar Installation and Maintenance (Plan Code: 3994)**

The Certificate of Achievement in Solar Installation and Maintenance will prepare students for entry-level employment in the solar electrical industry. Upon completion of the Electrical Technology Certificate of Achievement and the Solar Installation and Maintenance Certificate of Achievement, the student will be able to install, maintain, and repair solar electrical equipment and systems in a safe and workmanlike manner. Limitation on Enrollment - New students must attend an Electrical orientation prior to enrollment. The program requisite is in place to ensure the safety and health awareness of LBCC electrical students.

Program Student Learning Outcome:

- Analyze various types of solar power generation systems and demonstrate the ability to properly size systems to meet demand.

REQUIRED COURSES	UNITS
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ELECT 253	OSHA Standards for Construction Safety	2
ELECT 225	Algebra and Trigonometry for Technicians	4
ELECT 204	First Semester Fundamentals of DC Electricity	4
ELECT 240	Introduction to the National Electrical Code	3
ELECT 209	Second Sem Fund of Motors/Generators	4
ELECT 435A	Motor Control Wiring and Troubleshooting	2
ELECT 212	Third Semester Fund of AC Electricity	4
ELECT 214	Fourth Semester AC Principles & Pract	4
ELECT 242	Electrical Code – Grounding	1.5
Subtotal Units		28.5

#### REQUIRED CONCENTRATION COURSES

ELECT 247	Electrical code, Solar	1
ELECT 256	High Voltage Safety Awareness	1
ELECT 262	Solar 1 – Grid-Tied Solar Photovoltaics	3
ELECT 263	Solar 2 – Advanced Solar Photovoltaics	3
ELECT 277	Blueprint Reading for Electricians	3
ELECT 275	Electrical Pipe Bending	1
Subtotal Units		12
Total Units		40.5

#### **Certificate of Achievement, Electrical Technology, Traffic Signal Technician (Plan Code: 3996)**

The Electrical Technology, Traffic Signal Technician Certificate of Achievement will prepare students for entry-level employment in the traffic signal maintenance and troubleshooting industry. Most of this work is done by technicians employed by cities where the traffic signal systems are located. Upon completion the student will be able to install, maintain, and repair traffic signal systems in a safe and workmanlike manner. Limitation on Enrollment - New students must attend an Electrical orientation prior to enrollment. The program requisite is in place to ensure the safety and health awareness of LBCC electrical students.

#### Program Student Learning Outcome:

- Develop procedures for the successful installation, maintenance and troubleshooting of Traffic Signal systems.

REQUIRED COURSES		UNITS
ELECT 253	OSHA Standards for Construction Safety	2.0
ELECT 225	Algebra and Trigonometry for Technicians	4.0
ELECT 204	First Semester Fundamentals of DC Electricity	4.0
ELECT 240	Introduction to the National Electrical Code	3.0
ELECT 209	Second Sem Fund of Motors/Generators	4.0
ELECT 435A	Motor Control Wiring and Troubleshooting	2.0
ELECT 212	Third Semester Fund of AC Electricity	4.0
ELECT 214	Fourth Semester AC Principles & Practice	4.0
ELECT 242	Electrical Code – Grounding	1.5

Subtotal Units 28.5

**REQUIRED CONCENTRATION COURSES**

ELECT 280	Traffic Signal Systems 1	3.0
ELECT 284	Traffic Signal Controllers & Digital Systems	3.0
ELECT 285	Traffic Signal Inspection and Safety	2.0
ELECT 275	Electrical Pipe Bending	1.0
ELECT 256	High Voltage Safety Awareness	1.0
Subtotal Units		10.0
Total Units		38.5

**Certificate of Achievement, Traffic Signal Technician (Plan Code: 3936)**

The Traffic Signal Technician Certificate of Achievement will prepare students for entry-level employment in the traffic signal maintenance and troubleshooting industry. Most of this work is done by technicians employed by cities where the traffic signal systems are located. Upon completion of the Electrical Technology Certificate of Achievement and the Traffic Signal Technician Certificate of Achievement, the student will be able to install, maintain, and repair traffic signal systems in a safe and workmanlike manner.

Program Student Learning Outcome:

- Develop procedures for the successful installation, maintenance and troubleshooting of Traffic Signal systems.

REQUIRED COURSES	UNITS	
ELECT 280	Traffic Signal Systems 1	3
ELECT 284	Traffic Signal Controllers & Digital Systems	3
ELECT 285	Traffic Signal Inspection and Safety	2
ELECT 275	Electrical Pipe Bending	1
ELECT 256	High Voltage Safety Awareness	1
Total Units		10

**FOREIGN LANGUAGE**

**Certificate of Achievement, French (Plan Code: 3427)**

The Certificate of Achievement in French certifies that the student can communicate effectively, both verbally and in writing, in a wide range of situations, in both professional and personal settings. Students who enter the program with advanced skills may complete the *Prerequisite Challenge* form to enter a higher level of language study in the program.

Program Student Learning Outcomes:

- Students will demonstrate reading comprehension at the appropriate level.
- Students will demonstrate aural comprehension at the appropriate level.
- Students will formulate ideas orally at the appropriate level.



- Students will formulate ideas in writing at the appropriate level.

REQUIRED COURSES	UNITS
Complete THIRTEEN to FIFTEEN (13-15) units from:	
FREN 1 Elementary French	5
FREN 2 Elementary French	5
FREN 3 Intermediate French	5
FREN 4 Intermediate French	5
FREN 25A Advanced French: Culture in Literature	3
Subtotal Units	13-15

IN ADDITION, complete THREE (3) units from:	
HIST 1A/1AH History: Western (European) Civilizations	3
HIST 1B/1BH History: Western (European) Civilizations	3
HUMAN 1/1H Comparative World Cultures	3
LING 1 Linguistics I	3
LING 3 Introduction to World Languages	3
PHIL 9 Introduction to Existentialism	3
Subtotal Units	3
Total Units	16-18

### **Certificate of Achievement, Japanese (Plan Code: 3426)**

The Certificate of Achievement in Japanese certifies that the student can communicate effectively, both verbally and in writing, in a wide range of situations, in both professional and personal settings. Students who enter the program with advanced skills may complete the *Prerequisite Challenge* form to enter a higher level of language study in the program.

Program Student Learning Outcomes:

- Students will demonstrate reading comprehension at the appropriate level.
- Students will demonstrate aural comprehension at the appropriate level.
- Students will formulate ideas orally at the appropriate level.
- Students will formulate ideas in writing at the appropriate level.

REQUIRED COURSES- Complete the 18 units of required courses listed in the Japanese Associate Degree requirements.

### **Certificate of Achievement, Spanish (Plan Code: 3428)**

The Certificate of Achievement in Spanish certifies that the student can communicate effectively, both verbally and in writing, in a wide range of situations, in both professional and personal settings. Students who enter the program with advanced skills may complete the *Prerequisite Challenge* form to enter a higher level of language study in the program.

Program Student Learning Outcomes:

- Students will demonstrate reading comprehension at the appropriate level.

- Students will demonstrate aural comprehension at the appropriate level.
- Students will formulate ideas orally at the appropriate level.
- Students will formulate ideas in writing at the appropriate level.

REQUIRED COURSES	UNITS
Complete FIFTEEN to SIXTEEN (15-16) units from:	
SPAN 1 Elementary Spanish	5
SPAN 2 Elementary Spanish	5
SPAN 3 Intermediate Spanish	5
SPAN 4 Intermediate Spanish	5
SPAN 8 Spoken Spanish	3
SPAN 9/9H Spanish for Spanish Speakers/Honors	5
SPAN 10/10H Spanish for Spanish Speakers/Honors	5
SPAN 25A Adv. Spanish: Culture in Literature	3
SPAN 25B Adv. Spanish: History	3
SPAN 25C Adv. Spanish: Politics, Current Events	3
SPAN 25D Adv. Spanish: Literature	3
Subtotal Units	15-16
IN ADDITION, complete THREE (3) units from:	
ART 11 Latin American Art and Architecture	3
HIST 8A/8AH History of the Americas/Honors	3
HIST 18 History of Mexico	3
HUMAN 1/1H Comparative World Cultures	3
LING 1 Linguistics I	3
LING 3 Introduction to World Languages	3
Subtotal Units	3
Total Units	18-19

## **GENDER AND SEXUALITY STUDIES**

### **Certificate of Achievement, Gender and Sexuality Studies (Plan Code: 3429)**

The Long Beach City College Gender and Sexuality Certificate of Achievement is designed to teach the fundamentals of theory and knowledge relevant to gender and sexuality. The program will prepare students to be more aware of systemic power structures and how to promote inclusivity and equity within those structures. Some courses may be double counted to fulfill general education area requirements that will aid in transfer. Students can earn this certificate by completing the 18 units of required course work in the various fields listed on the certificate.

Program Student Learning Outcome:

- Apply the perspectives from various disciplines to issues related to gender and sexuality.

REQUIRED COURSES	UNITS
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HIST 25	History of American Woman	3
PSYCH 10	Human Sexuality	3
OR		
HLED 10	Human Sexuality	3
SOCIO 17	Introduction to Sociology of Gender	3
Subtotal Units		9

IN ADDITION, complete NINE (9) units from:

PHIL 1	Philosophy of LGBTQIA+ Studies	3
PHIL 10	Introduction to Feminist Philosophy	3
HLED 4	Women’s Health Issues	3
HLED 5	Men’s Health Issues	3
Subtotal Units		9
Total Units		18

### **WELDING TECHNOLOGY**

#### **Certificate of Achievement, Advanced Arc Welding (SMAW and FCAW) (Plan Code: 3981)**

The Certificate of Achievement in Advanced Arc Welding will emphasize advance welding skills in the SMAW (Shielded Metal Arc Welding) and FCAW (Flux Core Arc Welding) processes.

Course work includes a comprehensive study with an emphasis on application of fundamental welding techniques and safe industry practices. Potential careers that the program prepares students for include, but are not limited to, Pipe Fitters and Steamfitters, Sheet Metal Workers, as well as Structural Iron and Steel Workers.

Program Student Learning Outcome:

- Demonstrate advanced level skills to produce quality welds in the flat, horizontal, vertical, and overhead positions using various arc welding processes.

REQUIRED COURSES	UNITS
WELD 213 Intro to Semi-Automatic Welding	4
WELD 483 Gas Metal Arc/Flux Core Arc Welding	2
WELD 415 SMAW Flat/Horz Open Root Groove Welds	2
WELD 416 SMAW Vert & O/H Open Root Groove Welds	2
Subtotal Units	10

IN ADDITION, complete SIX (6) units from:

WELD 221	Arc Welding Structural Certification	3
OR		
MTFAB 260	Blueprint Reading for Metal Fabrication	3
OR		
MTFAB 270	Metallurgy	3
Subtotal Units		6
Total Units		16

### **Certificate of Achievement, Gas Tungsten Arc Welding (GTAW) (Plan Code: 3989)**

The Certificate of Achievement in Gas Tungsten Arc Welding (GTAW) is designed for those interested in entry level welding skills to required GTAW Aluminum, low carbon, and stainless steels. Course work includes a comprehensive study with an emphasis on application of fundamental welding techniques and safe industry practices.

Program Student Learning Outcome:

- Demonstrate advanced level skills to produce quality welds in the flat, horizontal, and vertical positions using the GTAW (Gas Tungsten Arc Welding) process.

REQUIRED COURSES	UNITS
WELD 50 Introduction to Welding	4
WELD 214 Introduction to Gas Tungsten Arc Welding	4
WELD 480 Welding (Inert Gas)	2
WELD 482 Gas Tungsten ARC Welding Basic Joints	2
WELD 481 Welding (Inert Gas)	1
MTFAB 260 Blueprint Reading for Metal Fabrication	3
Total Units	16

### **Certificate of Achievement, Robotic Welding Automation (Plan Code: 3990)**

The Certificate of Achievement in Robotic Welding Automation provides training to gain the technical and applied skills required to perform advanced programming and operational tasks as per the American Welding Society standards and specifications for robotic welding. The program prepares students for jobs in industry including but not limited to Computer-Controlled Machine Tool Operators for Metal and Plastic and Computer Numerically Controlled Machine Tool Programmers for Metal and Plastic.

Program Student Learning Outcome:

- Safely operate common robotic welding automation systems while performing basic programming and welding functions.

REQUIRED COURSES	UNITS
MTFAB280 Introduction to Robotic Welding	2.5
MTFAB 281 Intermediate Robotic Welding	2.5
WELD 50 Introduction to Welding	4
MTFAB 50 Introduction to Metalworking	4
MTFAB 260 Blueprint Reading for Metal Fabrication	3
MTFAB 270 Metallurgy	3
Total Units	19

### **Certificate of Achievement, Shielded Metal Arc Welding (SMAW) (Plan Code: 3985)**

The Certificate of Achievement in Shielded Metal Arc Welding (SMAW) is designed for those interested in welding structural steel. Course work includes a comprehensive study with an

emphasis on application of fundamental welding techniques and safe industry practices. Potential careers that the program prepares students for include, but are not limited to, Pipe Fitters and Steamfitters, Sheet Metal Workers, as well as Structural Iron and Steel Workers.

Program Student Learning Outcome:

- Demonstrate advanced level skills to produce quality welds in the flat, horizontal, vertical, and overhead positions using SMAW (Shielded Metal Arc Welding) process.

REQUIRED COURSES		UNITS
WELD 212	Introduction to Shielded Metal Arc Welding	4
WELD 221	Arc Welding Structural Certification	3
MTFAB 260	Blueprint Reading for Metal Fabrication	3
WELD 410	Welding	2
WELD 413	SMAW Flat/Horz Groove Welds with Backing	2
WELD 414	SMAW Vert and OV/HD Grv Welds w/ Backing	2
Total Units		16

## MODIFIED CERTIFICATE OF ACHIEVEMENT

### HUMAN SERVICES

#### **Certificate of Achievement, Human Services Generalist (Plan Code: 3810)**

This certificate of achievement will prepare students for an entry-level position in the human services/social work field and for career advancement for those already employed in these occupations. Jobs may include case management, care giver, advocate, and activities coordinator. Students learn the skills and knowledge necessary to potentially transfer to upper division programs in social work or human services and to be employed at the paraprofessional entry level in social work and human services agencies.

Program Student Learning Outcome:

- Develop a psychosocial treatment plan for a client.

REQUIRED CORE COURSES		UNITS
HS 1	Introduction to Social Work	3
HS 50	Law and Ethics	3
HS 43	Case Management: Treatment & Aftercare	3
HS 48	Group & Family Process	3
Subtotal Units		12

IN ADDITION, complete TWELVE - TWELVE AND A HALF (12 - 12.5) units from:

HS 45	Stress Management for Case Managers	3
HS 207	Development of Helping/Listening Skills	3
HS 7	Introduction to Victimology	3
HS 252	Co-Occurring Disorders	3

HS 242	Conflict Resolution/ Mediation	3
HS 260	Domestic Violence Intervention Strategies	3
HS 15	Social Welfare: People with Disabilities	3
HS 41	Introduction to Chemical Dependency	3
HS 26	Introduction to Gerontology	3
HS 72A	Field Instruction and Seminar I	3.5
Subtotal Units		12-12.5
Total Units		24-24.5

## NEW NONCREDIT CERTIFICATES OF COMPLETION

### **CHILD DEVELOPMENT: FAMILY CHILD CARE**

#### **Certificate of Completion, Family Child Care Management (Plan Code: 4050)**

Students completing this certificate will develop the skills and competencies to set up and manage a small or large family child care business in their own home or residence. Licensing regulations, business practices and basics of developmentally appropriate child development practices will be explored.

Program Student Learning Outcome:

- Design and evaluate the environment and day to day policies and procedures for implementing a family child care program.

REQUIRED COURSES	HOURS
CDFDC 612A Family Child Care Management A	54
CDFDC 612B Family Child Care Management B	54
Total Hours	108

### **LIBRARY TECHNICIAN**

#### **Certificate of Completion, Library Technician (Plan Code: 4240)**

The Long Beach City College Library Technician Certificate of Completion is designed to teach the fundamentals of knowledge and skills needed for today's Library Technicians. The program is designed to successfully prepare students for employment with entry and mid-level library technician positions in public, academic, school, special libraries, and other information-related industries. It encompasses library automation essentials such as acquisitions, cataloging, circulation, public access catalogs, techniques of information retrieval, and leadership.

Program Student Learning Outcomes:

- Demonstrate knowledge of theory and skillsets related to a library's technical services.
- Demonstrate knowledge of theory and skillsets related to a library's patron-facing services.

REQUIRED COURSES	HOURS
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LIB 600	Foundations of Library Services	54
LIB 610	Introduction to Access Services	54
LIB 620	Introduction to Acquisitions	54
LIB 630	Special Topics in Library Services	54
LIB 640	Introduction to Cataloging	54
Total Hours		270

### **Certificate of Completion, Library Technician Patron Facing (Plan Code: 4241)**

The Long Beach City College Library Technician Patron Facing Certificate of Completion is designed to teach the fundamentals of knowledge and skills needed for today's Library Technicians. The program is designed to successfully prepare students for employment with entry and mid-level library technician positions in public, academic, school, special libraries, and other information-related industries. It encompasses front-end library services such as access services, reference, techniques of information retrieval, and leadership.

Program Student Learning Outcomes:

- Demonstrate knowledge of theory and skillsets related to a library's patron-facing services.

REQUIRED COURSES		HOURS
LIB 610	Introduction to Access Services	54
LIB 630	Special Topics in Library Services	54
Total Hours		108

### **Certificate of Completion, Library Technician Technical Services (Plan Code: 4242)**

The Long Beach City College Library Technician Technical Services Certificate of Completion is designed to teach the fundamentals of knowledge and skills needed for today's Library Technicians. The program is designed to successfully prepare students for employment with entry and mid-level library technician positions in public, academic, school, special libraries, and other information-related industries. It encompasses back-end services such as library automation, acquisitions, and cataloging.

Program Student Learning Outcome:

- Demonstrate knowledge of theory and skillsets related to a library's technical services.

REQUIRED COURSES		HOURS
LIB 620	Introduction to Acquisitions	54
LIB 640	Introduction to Cataloging	54
Total Hours		108

## **NUTRITION AND DIETETICS**

### **Certificate of Completion, Cake Decorating Techniques (Plan Code: 4322)**

Topics in this program include cake decorating techniques, recipes, tools and skill development, cake decorating, creating cakes with special effects, candy molds, novelties, international styles, delivery, set up techniques and business practices. A variety of icings, designs, and shaping techniques will be covered. Upon successful completion, students will receive a Certificate of Completion in Cake Decorating Techniques.

Program Student Learning Outcomes:

- Apply design concepts and techniques in creating cakes/products for special occasions.
- Use a variety of decorating techniques.
- Illustrate the use of cake decorating tools in the commercial setting.

REQUIRED COURSES	HOURS
NUTR 651      Cake Decorating Techniques	54
NUTR 652      Cake Decorating for Special Occasions	54
Total Hours	108

## NEW NONCREDIT CERTIFICATE OF COMPETENCY

### ENGLISH AS A SECOND LANGUAGE

#### **Noncredit Certificate of Competency, ESL Literacy (Plan Code: 4182)**

The program provides students with the basic English literacy skills needed to enter the first level of the English as Second Language classes at LBC. Students will learn sound/letter relationships for pronunciation, spelling, reading and writing.

Program Student Learning Outcome:

- Identify, decode and produce basic list of 220 sight words.

REQUIRED COURSES	HOURS
ESL 628      Literacy for English Language Learners 1	27
ESL 629      Literacy for English Language Learners 2	27
Total Hours	54

#### **Noncredit Certificate of Competency, ESL Reading for Citizenship (Plan Code: 4183)**

This certificate prepares students to learn simple past-tense verbs in order to better understand and answer questions on the U.S. citizenship exam. Students should consider enrolling in this certificate if they are beginning-level English language learners.

Program Student Learning Outcome:

- Recognize and produce grammatically accurate forms of past tense questions to facilitate preparation for the U.S. Citizenship exam.

REQUIRED COURSES	HOURS
ESL 630      Reading for Citizenship 1	54



ESL 631	Reading for Citizenship 2	54
Total Hours		108

## NEW CREDIT COURSES

**ESL 270** **5.0 units**

**Listen/Speak for Work for ESL Level 1**

**90 hours lecture**

Prerequisite: ESL 844

Grading: pass/no pass

The first course in a three-course sequence in listening and speaking skills for the workplace for ESL. Cultural, sociolinguistic and nonverbal communication strategies and norms for a U.S. workplace setting are identified, analyzed and practiced.

**ESL 271** **5.0 units**

**Read/Write for Work for ESL Level 1**

**90 hours lecture**

Prerequisite: ESL 844

Recommended Preparation: Students are strongly advised to enroll in ESL 270 and ESL 271 in the same semester.

Grading: pass/no pass

The first course in a three-course sequence of reading and writing skills for the workplace for ESL. Sociolinguistic and organizational norms for writing in a U.S. workplace setting are identified, analyzed and practiced.

**ESL 272** **5.0 units**

**Listen/Speak for Work for ESL Level 2**

**90 hours lecture**

Prerequisite: ESL 270

Recommended Preparation: Students are strongly advised to enroll in ESL 272 and ESL 273 in the same semester.

Grading: pass/no pass

The second course in a three-course sequence in listening and speaking skills for the workplace for ESL. Cultural, sociolinguistic and nonverbal communication strategies and norms for a U.S. workplace setting are identified, analyzed and practiced.

**ESL 273** **5.0 units**

**Read/Write for Work for ESL Level 2**

**90 hours lecture**

Prerequisite: ESL 271

Students are strongly advised to enroll in ESL 272 and ESL 273 in the same semester.

Grading: pass/no pass

The second course in a three-course sequence of reading and writing skills for the workplace for ESL. Sociolinguistic and organizational norms for writing in a U.S. workplace setting are identified, analyzed and practiced.

**ESL 274**

**5.0 units**

**Listen/Speak for Work for ESL Level 3**

**90 hours lecture**

Prerequisite: ESL 272

Recommended Preparation: Students are strongly advised to enroll in ESL 274 and 275X in the same semester.

Grading: pass/no pass

The third course in a three-course sequence in listening and speaking skills for the workplace for ESL. Cultural, sociolinguistic and nonverbal communication strategies and norms for a U.S. workplace setting are identified, analyzed and practiced.

**ESL 275X**

**5.0 units**

**Read/Write for Work for ESL Level 3**

**90 hours lecture**

Prerequisite: ESL 273

Recommended Preparation: Students are strongly advised to enroll in ESL 274 and ESL 275X in the same semester.

Grading: pass/no pass

The third course in a three-course sequence of reading and writing skills for the workplace for ESL. Sociolinguistic and organizational norms for writing in a U.S. workplace setting are identified, analyzed and practiced.

**ESL 800**

**1.5 units**

**Reading Skills for ESL Students 1**

**27 hours lecture**

Grading: pass/no pass

Formerly ESL 800AB. This first course in a series of seven reading skills courses is designed to teach ESL students how to read, comprehend what they read, and build vocabulary. ESL 800 teaches students how to read and comprehend words, sentences, paragraphs and passages or texts without the dependency on a dictionary. Working with material appropriate to this level, students learn the rules for morphology, spelling and reading to assist them in vocabulary building, pronunciation and comprehension.

**ESL 801**

**1.5 units**

**Reading Skills for ESL Students 2**

**27 hours lecture**

Recommended Preparation: ESL 800

Grading: pass/no pass

Formerly ESL 801AB. This second course in a series of seven reading skills courses is designed to teach ESL students how to read, comprehend what they read and build vocabulary. ESL 801

teaches students how to read and comprehend words, sentences, paragraphs and passages or texts without the dependency on a dictionary. Working with material appropriate to this level, students build upon the content of ESL 800 and in addition learn to analyze a passage for specific content and define words in context.

**ESL 802**

**1.5 units**

**Reading Skills for ESL Students 3**

**27 hours lecture**

Recommended Preparation: ESL 801

Grading: pass/no pass

Formerly ESL 802AB. This third course in a series of seven reading skills courses is designed to teach ESL students how to read, comprehend what they read and build vocabulary. ESL 802 teaches students how to read and comprehend words, sentences, paragraphs and passages or texts without the dependency on a dictionary. Working with material appropriate to this level, students build upon the content of ESL 801 and in addition learn to analyze a passage for specific content and define words in context.

**ESL 803**

**1.5 units**

**Reading Skills for ESL Students 4**

**27 hours lecture**

Recommended Preparation: ESL 802

Grading: pass/no pass

Formerly ESL 803AB. This fourth course in a series of seven reading skills courses is designed to teach ESL students how to read, comprehend what they read and build vocabulary. ESL 803 teaches students how to read and comprehend words, sentences, paragraphs and passages or texts without the dependency on a dictionary. Working with material appropriate to this level, students build upon the content of ESL 802 and in addition learn to make inferences and support opinions about reading selections.

**ESL 804**

**1.5 units**

**Reading Skills for ESL Students 5**

**27 hours lecture**

Recommended Preparation: ESL 803

Grading: pass/no pass

Formerly ESL 804AB. This fifth course in a series of seven reading skills courses is designed to teach ESL students how to read, comprehend what they read and build vocabulary. ESL 804 teaches students how to read and comprehend words, sentences, paragraphs and passages or texts without the dependency on a dictionary. Working with material appropriate to this level, students build upon the content of ESL 803 and in addition learn to compare characters in readings and differentiate word meaning by context.

**ESL 805**

**1.5 units**

**Reading Skills for ESL Students 6**

**27 hours lecture**

Recommended Preparation: ESL 804

Grading: pass/no pass

Formerly ESL 805AB. This sixth course in a series of seven reading skills courses is designed to teach ESL students how to read, comprehend what they read and build vocabulary. ESL 805 teaches students how to read and comprehend words, sentences, paragraphs and passages or texts without the dependency on a dictionary. Working with material appropriate to this level, students build upon the content of ESL 804 and in addition learn to identify central conflicts of stories and make inferences based on facts and details.

**ESL 812**

**1.5 units**

**Reading for Information and Pleasure**

**27 hours lecture**

Prerequisite: ESL 645 or ESL 845 or Qualification through the LBCC assessment process for ESL

Grading: pass/no pass

Formerly ESL 812AB. This course is designed to improve students' ability to extract essential information from academic passages of a variety of written English material while building vocabulary, improving dictionary skills, and developing comprehension and critical reading skills.

**ESL 813**

**1.5 units**

**Conversation**

**27 hours lecture**

Prerequisite: ESL 645 or ESL 845 or Qualification through the LBCC assessment process for ESL

Grading: pass/no pass

Formerly ESL 813AB. This course develops conversational competence and confidence in whole-class, small-group, and partner interactions. Emphasis is on the comprehension and evaluation of oral communications as students practice expressing opinions, feelings, ideas, and abstract concepts.

**ESL 814**

**1.5 units**

**Composition for ESL Students**

**27 hours lecture**

Prerequisite: ESL 645 or ESL 845 or Qualification through the LBCC assessment process for ESL

Grading: pass/no pass

This course (Composition) offers intermediate level ESL students systematic instruction and practice in the construction of short connected series of sentences which state an opinion, describe a process, give information or instructions, or report an experience. This course provides instruction and practice in organizing ideas and in identifying and writing topic and support sentences.

**ESL 818**

**3.0 units**

**Vocabulary Development**

**54 hours lecture**

Prerequisite: ESL 845 or Qualification through the LBCC assessment process for ESL

Grading: pass/no pass

Formerly ESL 818AB. In this course, nonnative students prepare for academic success in institutions of higher learning by studying the general academic vocabulary encountered across college disciplines. Instruction focuses on incorporating vocabulary mastery strategies that stimulate students to become active lifelong learners of the North American English lexicon.

**ESL 840**

**6.0 units**

**English for Everyday 0**

**108 hours lecture**

Grading: pass/no pass

Formerly ESL 840AB. This course is the first of a six-course series in the basics of English structure designed to bring students up to basic college level in the language and prepare them for success in academic and vocational programs offered by the college. Emphasis is on the mastery of productive grammatical features and on comprehension of spoken and written standard North American English.

**ESL 841**

**6.0 units**

**English for Everyday 1**

**108 hours lecture**

Prerequisite: ESL 840 or Qualification through the LBCC assessment process for ESL.

Grading: pass/no pass

Formerly ESL 841AB. This course is the second of a six-course series in the basics of English structure designed to bring students up to basic college level in the language and prepare them for success in academic and vocational programs offered by the college. Emphasis is on the mastery of productive grammatical features and on comprehension of spoken and written standard North American English.

**ESL 842**

**6.0 units**

**English for Everyday 2**

**108 hours lecture**

Prerequisite: ESL 841 or Qualification through the LBCC assessment process for ESL.

Grading: pass/no pass

Formerly ESL 842AB. This course is the third in a six-course series in the basics of English structure designed to bring students up to basic college level in the language and prepare them for success in academic and vocational programs offered by the college. Emphasis is on the mastery of productive grammatical features and on comprehension of spoken and written Standard North American English for natives.

**ESL 843**

**6.0 units**

**English for Everyday 3**

**108 hours lecture**

Prerequisite: ESL 642 or one semester of ESL 842 or Qualification through the LBCC assessment process for ESL.

Grading: pass/no pass

Formerly ESL 843AB. This course is the fourth of a six-course series in the basics of English language structure designed to bring students up to basic college level in the language and prepare them for success in academic and vocational programs offered by the college. Emphasis is on mastery of productive grammatical features and on comprehension of spoken and written standard North American English.

**ESL 844**

**6.0 units**

**English for Everyday 4**

**108 hours lecture**

Prerequisite: ESL 643 or one semester of ESL 843 or Qualification through the LBCC assessment process for ESL.

Grading: pass/no pass

Formerly ESL 844AB. This course is the fifth of a six-course series in the basics of English structure designed to bring students up to basic college level in the language and prepare them for success in academic and vocational programs offered by the college. Emphasis is on producing grammatical features and on comprehending spoken and written standard North American English.

**ESL 845**

**6.0 units**

**English for Everyday 5**

**108 hours lecture**

Prerequisite: ESL 644 or ESL 844 or Qualification through the LBCC assessment process for ESL.

Grading: pass/no pass

Formerly ESL 845AB. This course is the sixth of a six-course series in the basics of English structure designed to bring students up to basic college level in the language and prepare them for success in academic and vocational programs offered by the college. Emphasis is on the mastery of productive grammatical features and on comprehension of spoken and written standard North American English.

**LING 1H**

**3.0 units**

**Linguistics 1 Honors**

**54 hours lecture**

Prerequisite: Qualification for the Honors Program

Recommended Preparation: ENGL 105/ESL 34

Grading: letter grade

This course provides insight into the structure of language, an introduction to methods of linguistic analysis and an overview of the sub-fields of linguistics studies. This includes surveys of the sounds, structure, and development of language, the differences and relationships among languages, and the study of language in connection with its social and cultural function. Eligibility for the Honors Program required for enrollment.

**PHIL 1**

**3.0 units**

**Philosophy of LGBTQIA + Studies**

**54 hours lecture**

Grading: Letter grade or Pass/No Pass

This introductory course examines a broad range of contemporary gay, lesbian, bisexual, transgender, and queer issues in various contexts including bio-medical (ethics), sociological, philosophical (ontology, metaphysics, epistemology), political (political philosophy), racial and sexual (feminist philosophy).

## NEW NONCREDIT COURSES

### **CDFDC 612A**

**0.0 unit**

#### **Family Child Care Management A**

##### **54 hours lecture**

Grading: LBCC Non-Graded Course

This course assists persons planning to become or currently involved in the group care of children in the home. This course focuses on setting up a child-centered environment that meets licensing and accreditation standards.

### **CDFDC 612B**

**0.0 unit**

#### **Family Child Care Management B**

##### **54 hours lecture**

Grading: LBCC Non-Graded Course

This course assists persons planning to become or are currently involved in the group care of children in the home. This course focuses on the child guidance as well as the business aspects of family child care including working with parents, record keeping, and communication.

### **LIB 600**

**0.0 unit**

#### **Foundation of Library Services**

##### **54 hours lecture**

Grading: LBCC Non-Graded Course

This course is designed to help students become familiar with the mission and roles of libraries. It surveys the roles of library staff and the responsibilities of Access Services, Collection Services, Information Services, and Technical Services. Additional topics include ethics, values, and issues faced by library support staff in libraries.

### **LIB 610**

**0.0 unit**

#### **Introduction to Access Services**

##### **54 hours lecture**

Recommended Preparation: LIB 200 or LIB 600

Grading: LBCC Non-Graded Course

This course is designed to teach students the valuable skills necessary to become qualified technicians. This course focuses on the major functions of library public and access services and topics will include: circulation management, collection maintenance, supervision of staff, confidentiality, intra and interlibrary loan, reserve collections, copyright laws, statistical design and compilation.

**LIB 620****0.0 unit****Introduction to Acquisitions****54 hours lecture**

Recommended Preparation: LIB 200 or LIB 600

Grading: LBCC Non-Graded Course

This course is designed to teach students the valuable skills required to become qualified library technicians. This course focuses on the goals and functions of acquisitions and the topics will include the basics of acquiring library materials, the financial management of materials budgets, vendors, and ethical considerations. Visitations to other libraries or information research centers are required.

**LIB 630****0.0 unit****Special Topics in Library Services****54 hours lecture**

Grading: LBCC Non-Graded Course

Recommended Preparation: LIB 200 or LIB 600

This course is designed to help students become familiarized with the mission and roles of libraries. It surveys the roles of library staff by introducing the roles of supervisors and managers; the role of reference and information services; and the influence of emerging technologies in various library services.

**LIB 640****0.0 unit****Introduction to Cataloging****54 hours lecture**

Grading: LBCC Non-Graded Course

Recommended Preparation: LIB 200 or LIB 600

This course is designed to teach students the valuable skills necessary to become qualified technicians. Topics will include: cataloging principles and procedures including descriptive and subject cataloging, classification systems, Machine Readable Cataloging (MARC) formats, bibliographic utilities, authority and bibliographic verification and control.

**NUTR 651****0.0 unit****Cake Decorating Techniques****18 hours lecture, 36 hours laboratory**

Grading: LBCC Non-Graded Course

This course covers cake decorating techniques, recipes, tools and skill development. A variety of icings, designs, and shaping techniques will be covered.

**NUTR 652****0.0 unit****Cake Decorating for Special Occasions****18 hours lecture, 36 hours laboratory**

Grading: LBCC Non-Graded Course



This course covers cake decorating techniques for special occasions. Included will be creating cakes with special effects, candy molds, novelties, international styles, delivery, set up techniques and business practices.

## MODIFIED COURSES

### **ADJUS 19**

**3.0 units**

#### **Fingerprint Classif & Identification**

This interactive course provides an introduction to the science of fingerprint pattern recognition, comparison and identification. Focus is on fingerprints of record, with an emphasis on the history and application of science to fingerprints and their role in the forensic domain. Students participate in recording, developing, and comparing fingerprints, and are exposed to crime scene type latent prints and learn basic development techniques. Field trips to local crime labs to observe forensic science/fingerprint unit organization and operation may be required.

### **CDECE 40**

**3.0 units**

#### **Infant and Toddler Development D4**

This course is a study of infants and toddlers from pre-conception to age three including physical, cognitive, language, social, and emotional growth and development. Students will apply theoretical frameworks to interpret behavior and interactions between heredity and environment. The course emphasizes the role of the family and relationships in development.

### **CDECE 41**

**3.0 units**

#### **Care and Education of Infants & Toddlers D4**

### **COSA 215**

**3.0 units**

#### **Microsoft Outlook for Windows**

Formerly CAOTC 215A and COSA 215AD. This course provides comprehensive instruction in desktop management software using Microsoft Outlook. Topics include how to compose, format, and send e-mail, manage contacts, plan and track tasks, schedule calendar items, and integrate Outlook with other applications. Upon successful completion of this course, students will be given a voucher to sit for the Microsoft Office Specialist (MOS) industry certification exam.

### **ESL 810A**

**3.0 units**

#### **Fundamentals of English Grammar 1 54 hours lecture**

### **ESL 810B**

**3.0 units**

#### **Fundamentals of English Grammar 2 54 hours lecture**

### **ESL 815**

**6.0 units**

**Accent Reduction****108 hours lecture**

Prerequisite: ESL 845 or Qualification through the LBCC assessment process for ESL  
Formerly ESL 815AB.

**MUSIC 51A****1.5 units****Beginning Piano 1****18 hours lecture, 36 hours laboratory**

Grade Code: Letter Grade

This course is an introduction to beginning keyboard skills. It includes basic technique, major and minor five finger patterns, major scales, sight reading and basic chord progressions, as they are encountered in beginning piano music. This course is the first in a sequence to fulfill keyboard skills for music majors.

**MUSIC 51B****1.5 units****Beginning Piano 2****18 hours lecture, 36 hours laboratory**

Grade Code: Letter Grade

**MUSIC 51C****1.5 units****Intermediate Piano I****18 hours lecture, 36 hours laboratory**

Grade Code: Letter Grade

**R\_TV 60****3.0 units****Pro Tools (Digital Audio Recording/Edit)****36 hours lecture, 54 hours laboratory**

## INACTIVATED COURSES AND AWARDS

***Inactivated Credit Courses***

ART 4H	Honors African, Oceanic, Native American Art	3.0
ART 11H	Honors Latin American Art and Architecture	3.0

***Inactivated Credit Awards***

*The Advanced Transportation Technology department developed new awards to replace the following:*

***Inactivated A.S. Degrees***

Advanced Transportation Technology – Alternative Fuels (Plan Code 2943)  
Advanced Transportation Technology – Electric Vehicles (Plan Code 2945)

***Inactivated Certificates of Achievement***

Advanced Transportation Technology – Alternate Fuels (Plan Code 3943)  
Advanced Transportation Technology - Electric Vehicles (Plan Code 3945)

***Inactivated Certificates of Accomplishment***

Advanced Transportation Technology – Electric Vehicle (Plan Code 4100)  
Advanced Transportation Technology – Light-Medium Duty Alternate Fuels (Plan Code 4102)  
Advanced Transportation Technology – Heavy Duty Alternate Fuels (Plan Code 4104)

## 2019-2020 CATALOG UPDATES AND CORRECTIONS

### ***Faculty Approved Administrative Modifications***

#### **Page 115, 118, and 242**

Course titles should be as follows:

CDECE 41 Care and Education of Infants and Toddlers D4

CDECE 40 Infant and Toddler Development D4

#### **Page 160**

Certificate of Achievement, Fashion Merchandising (Plan Code: 3326)

In the ADVANCED LEVEL Classes, remove “FD 72 or 73 Work Experience – Fashion Design”

Subtotal Units for ADVANCED LEVEL Classes should be 10

Total Units for award should be 45-45.5

#### **Page 161**

Certificate of Achievement, Digital Filmmaking (Plan Code: 3257)

R\_TV 60 course unit value changed from 2.5 to 3 units

Subtotal Units for Required Core Courses should be 17.5

Total Units for award should be 23.5

#### **Page 162**

Associate in Science in Film, Television, and Electronic Media for Transfer (Plan Code: 5507B/C)

LIST A, AREA 1: Audio - R\_TV 60 course unit value changed from 2.5 to 3 units

Total Units should be 18

#### **Page 182**

Associate in Arts, Music (Plan Code: 1220)

Piano Proficiency Component (Three Semesters of Piano)

MUSIC 51A course unit value changed from 3 to 1.5 units

MUSIC 51B course unit value changed from 3 to 1.5 units

MUSIC 51C course unit value changed from 3 to 1.5 units

Subtotal Units should be 4.5

Total Units should be 30

#### **Page 251**

CONST 205 Catalog Description:

Forklift Safety and Operation training will provide basic safety and operation of the forklift including lifting principles, load rating, stability, and operation techniques. Students will be required to have a valid California Driver's license to participate and be certified.

**Page 252**

CONST 605 Catalog Description:

Forklift Safety and Operation training will provide basic safety and operation of the forklift including lifting principles, load rating, stability, and operation techniques. Students will be required to have a valid California Driver's license to participate and be certified.

**Page 263**

COUNS 1 Catalog Description should be:

This course is recommended for all students and is designed to orient them to the college environment and educational opportunities in a holistic manner. The course contains an introduction to the principles of student development theory, student conduct, academic procedures, policies, goal setting, educational planning, and college and student support services. Students will learn the various academic opportunities of higher education in California, pursue academic major explorations, and develop a tentative educational plan to achieve personal and academic goals.

**ESL 33X****5.0 units****College English with Computers for ESL**

This course is an intensive study of reading and writing English focusing on the academic language skills needed for the AA and AS degrees. Skills taught include expository essay writing, summarizing, paraphrasing, reading comprehension, and critical analysis. Students use personal computers to complete the writing assignments. This course prepares students for ESL 34. Transferable to UC or CSU; see counselor for limitations

**ESL 34X****5.0 units****College English/Computers for ESL Students**

This course is an intensive study of reading and writing English focusing on the academic language skills needed for the AA and AS degrees and entrance into English 1 and English 82. Students use personal computers to complete the writing assignments. Skills taught include expository and argumentative essay writing, summarizing of academic readings and articles about current events, critical analysis of readings in literature, library and Internet research, and use and documentation of sources. Transferable to UC or CSU; see counselor for limitations

**Page 318**

Forklift Safety and Operation training will provide basic safety and operation of the forklift including lifting principles, load rating, stability, and operation techniques. Students will be required to have a valid California Driver's license to participate and be certified.

**Page 390**

SIGN 2

Prerequisites: SIGN 1 or SIGN 1B

**Page 390**

SIGN 3

The Prerequisites should be SIGN 2 or SIGN 2B

### ***2019-2020 Catalog Corrections***

#### **Page 101-102**

Associate in Science, Automotive Technology (Plan Code: 2941)

Include the below course in the Required Courses

AUTO 214 Automotive Wheel Alignment 3 units

#### **Page 106**

Associate in Arts, Business: Management Concentration (Plan Code: 1143)

Total Units should be 27-29

#### **Page 122**

Associate in Science, Computer Security and Networking (Plan Code: 2125)

IN ADDITION, should be "select one (1) course from the following:"

#### **Page 188-189**

Associate in Science, Nursing: Vocational/Practical (Plan Code: 2630)

AH 222 should be VN 222

#### **Page 193**

Political Science

Title of ADT should be as follows:

Associate in Arts in Political Science for Transfer (A.A.-T.) (Plan Code: 5005B/C)

#### **Page 234**

AUTO 271 Catalog Description should be:

Formerly AMECH 490 and ATT 490.

#### **Page 302**

ESL 810A Title should be:

Fundamentals of English Grammar 1

#### **Page 318**

F\_N 235

The Recommended Preparation: F\_N 232 became a Prerequisite for F\_N 235

F\_N 240A

Title of course should be as follows:

Clinical Field Experience II