

LONG BEACH CITY COLLEGE CATALOG 2016 - 2017

ADDENDUM II– Spring 17

**Mission Statement**

**Long Beach City College is committed to providing equitable student learning and achievement, academic excellence, and workforce development by delivering high quality educational programs and support services to our diverse communities.**

Kinesiology	11
• Certificate of Accomplishment- Personal Trainer	
Linguistics	12
• Associate in Arts	
• Certificate of Achievement	
Welding	14
• Certificate of Accomplishment- Advanced Arc Welding (SMAW and FCAW)	
• Certificate of Accomplishment- Gas Tungsten Arc Welding (GTAW)	
• Certificate of Accomplishment- Shielded Metal Arc Welding (SMAW)	
New Program Student Learning Outcomes	16

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Long Beach City College is committed to providing equitable student learning and achievement, academic excellence, and workforce development by delivering high quality educational programs and support services to our diverse communities.

## **Business**

### **Certificate of Accomplishment, Real Estate Salesperson (Plan Code: 4115)**

The courses listed in the Real Estate Salesperson certificate of accomplishment will qualify and prepare a student to take the written examination for a Real Estate Salesperson license. Upon successfully passing the examination, a license will be approved by the CalBRE. This license is required to conduct real estate activities while under the supervision of a licensed broker. For



COSA 215	Microsoft Outlook for Windows	3
COSK 200	Beginning Keyboarding and Document Production	3
Total Units in the Major		27

## Database Management

### Certificate of Accomplishment, PHP Web Programmer Certificate (Plan Code: 4129)

Students will learn how to build robust web applications with PHP and MySQL.

REQUIRED COURSES		UNITS
COSP 38	Database Concepts	4
COSW 10	Beginning Website Development	4
COSW 200	Introduction to JavaScript	3
COSW 220	Web Development with PHP/MySQL	4
Total Units		15

## Digital Media Arts

### **Certificate of Achievement, Digital Media: Advanced Production (Plan Code: 3255)**

The Digital Media Advanced Production program is an interdisciplinary program that builds on the Fundamentals of Digital Media Arts certificate and is designed to prepare students for entry and mid-level employment in digital m





## Film

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

The Digital Filmmaking program is designed to prepare students for entry-level and self-employment in the film and television fields. Students are given basic skills in all aspects of film and video production & post-production: camera operation, lighting and cinematography, sound recording, video editing, sound design and creation, color correction and visual effects. Emphasis is placed on hands on, experiential learning. Students are given access to professional level equipment to produce both individual and collaborative projects and gain the necessary skills to enter the entertainment workforce.

#### **Program Student Learning Outcomes:**

- Demonstrate an understanding of concept, design and creation of film projects.
- Demonstrate an ability to work collaboratively to produce film projects.
- Engage creativity and original thinking in the production of a film project.
- Develop a career path in the film and television industry.

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## Kinesiology

### Certificate of Accomplishment, Personal Trainer (Plan Code: 4700)

This certificate prepares students for national certification testing and is recognized in the Greater Long Beach area for enhanced employment opportunities in the field of personal training.

REQUIRED COURSES	UNITS
KINPP 70A    Exercise Science & Fitness Assessment	3
KINPP 70B    Fitness Program Design & Instruction	3
KINPP 230    Fieldwork Observation in Kinesiology	3
KINPP 233    Techniques of Strength and Conditioning	3
KINPP 23     First Aid and Safety	3
F_N 26       Nutrition for the Active Person	1
Total Units	16



JAPAN 4	Intermediate Japanese	5
KHMER 9	Khmer for Heritage Speakers	5
KHMER 10	Khmer for Heritage Speakers	5
SPAN 2	Elementary Spanish	5
SPAN 3	Intermediate Spanish	5
SPAN 4	Intermediate Spanish	5
SPAN 8	Spoken Spanish	3
SPAN 9	Spanish for Spanish Speakers	5
SPAN 9H	Honors Spanish for Spanish Speakers	5
SPAN 10	Spanish for Spanish Speakers	5
SPAN 10H	Honors Spanish for Spanish Speakers	5
SPAN 25A	Advanced Spanish: Culture in Literature	3
SPAN 25B	Advanced Spanish: History	3
SPAN 25C	Advanced Spanish: Politics, Current Events	3
SPAN 25D	Advanced Spanish: Literature	3
Subtotal Units		6-10
TOTAL UNITS		18-22









**Child Development Permit Spec Child Health Certificate of Accomplishment  
Program Student Learning Outcomes:**

- Identify and demonstrate regulations, standards, policies, and procedures related to health, safety, and nutrition in early childhood settings.
- Evaluate environments for both positive and negative impacts on children's health and safety including first aid situations and appropriate responses.
- Describe strategies used to promote health, safety, and nutrition of children and adults in early childhood settings.

**Child Development Permit Spec Early Literacy Certificate of Accomplishment  
Program Student Learning Outcomes:**

- Integrate research-based strategies for language and literacy development into the development of appropriate activities and environments for both first and second language learning young children.
- Evaluate and integrate children's development, characteristics, and needs into literature selection and presentation of books and book related activities.

**Child Development Permit Spec Family Childcare Certificate of Accomplishment  
Program Student Learning Outcomes:**

- Design and diagram a developmentally appropriate 23.4(n)-30.4(t)-8.4(e)3.2(g)-23.9(o)-28.4(p)24.6(i)-293





**Curriculum Early Child Ed Certificate of Accomplishment  
Program Student Learning Outcomes:**

- Demonstrate skills in analyzing resources and approaches to selecting and developing

### **Early Childhood Ed Certificate of Achievement**

#### **Program Student Learning Outcomes:**

- Design, implement, and evaluate environments and activities that support optimum developmental outcomes for young children.
- Demonstrate care and teaching practices for young children that integrate assessment, theory, and practice.
- Critically assess the components of linguistically and culturally relevant, inclusive, age appropriate, anti-bias approaches in promoting learning and development.

### **Electrical Technology Certificate of Achievement**

#### **Program Student Learning Outcomes:**

- Analyze different types of power distribution systems and apply these systems in a design environment.
- Design commercial building blueprint design project: applying motor, transformer, power distribution and short-circuit calculations meeting all the requirements of the National Electrical Code.
- Design and evaluate control system programs for the operation of automation systems, including timing, counting, sequential and process control operations.

### **English Creative Writing Associate of Arts Degree**

#### **Program Student Learning Outcomes:**

- Compose poems and short works of fiction using various forms and techniques.

### **English Language & Literature Associate of Arts Degree**

#### **Program Student Learning Outcomes:**

- Develop and sustain a coherent interpretation of literature that acknowledges historical and cultural contexts.

### **Family Development Certificate of Accomplishment**

#### **Program Student Learning Outcomes:**

- Analyze the core principles underlying the empowerment and the strength-based family support approach to family development.
- Synthesize family development principles.

### **Foreign Languages Certificate of Achievement**

#### **Program Student Learning Outcomes:**

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

**Fundamentals of Digital Media Arts Certificate of Accomplishment  
Program Student Learning Outcomes:**

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Library Technician Associate of





## **R/TV Multimedia Production Certificate of Achievement**

### **Program Student Learning Outcomes:**

- Demonstrate collaboration skills related to personnel and time lines for an industry ready radio, television or multimedia segment.
- Critically assess the responsibilities of various creative and technical staff positions and evaluate the importance of each to the production.

## **R/TV Performance Certificate of Achievement**

### **Program Student Learning Outcomes:**

- Analyze and demonstrate the physical characteristics of on-air talent required to make an industry-ready production segment.
- Critically assess the responsibilities of various creative and technical staff positions and evaluate the impact of each to the production.

## **R/TV Producer Certificate of Achievement**

### **Program Student Learning Outcomes:**

- Demonstrate collaboration skills related to personnel and time lines for an industry-ready radio or television segment.
- Critically assess the responsibilities of various creative and technical staff positions and evaluate the importance of each to the production.

## **Robotic Welding Automation Certificate of Accomplishment**

### **Program Student Learning Outcomes:**

- Safely operate common robotic welding automation systems while performing basic programming and welding functions."
- Perform common programming and production functions of robotic welding automation systems."

## **Solar Photovoltaics Install Certificate of Accomplishment**

### **Program Student Learning Outcomes:**

- Design a residential solar photovoltaic electrical system that meets all National Electrical Code requirements.
- Analyze performance of solar photovoltaic electrical system, and safely fine-tune system for optimal performance.

## **Spanish Associate in Arts for Transfer**

### **Program Student Learning Outcomes:**

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

## **UNIX Network Administrator Certificate of Accomplishment**

### **Program Student Learning Outcomes:**

- Install, configure, and secure a Linux server.
- Install, configure and secure a Linux network and services.
- Describe and document a Linux network in relation to the OSI model.

## **Web Development Certificate of Achievement**

### **Program Student Learning Outcomes:**

- Create websites by employing several web design tools and programming languages.
- Demonstrate and apply effective web development skills for a variety of industries and organizational situations.