2016-2017 Long Beach City College
Degree & Certificate List

Long Beach City College provides students with an instructional program in higher education that may culminate in a Certificate of Achievement, a Certificate of Accomplishment, an Associate in Arts or an Associate in Science Degree, an Associate in Arts for Transfer or an Associate in Science for Transfer which prepares students for transfer to a four year university or college. Certificate (Achievement or Accomplishment) and/or Associate Degrees are offered in the fields of concentration on the following list(s). The requirements for each field of concentration are listed on the curriculum guides available in the Counseling Center at the Liberal Arts and Pacific Coast campuses as well as the LBCC Catalog or online at: http://www.lbcc.edu/Articulation/. In addition, a Curriculum Guide may be developed to meet the educational need of individual students that would include two or more appropriately related subject areas. Such an alternate plan requires the approval of the appropriate instructional dean and the Office of School and College Relations. The notations used in the following table are:

A.A/A.S.= **Associate Degree** – Two-year college degree awarded by Long Beach City College which includes general education courses and a major (AA=1000/AS=2000).

AA-T/AS-T= **Associate Degrees for Transfer (Associate in Arts for Transfer/Associate in Science for Transfer** – Transfer degree programs that guarantee admission into like majors at the CSU for all students that complete the requirements for the particular major (AA-T/AS-T= CSUGE= 5000B; IGETC= 5000C).

C-ACH= **Certificate of Achievement** – One to two year programs in occupational/technical areas at Long Beach City College which provide training in job skills and employment opportunities (C-ACH=3000).

C-ACC= **Certificate of Accomplishment** – A certificate of Accomplishment certifies a competency in a given area and requires 18 units or less (C-ACC=4000).

C-COMP= **Certificate of Completion** – Is a certificate based on hours of instruction rather than credit and lead to improved employability or job opportunities (C-COMP=4000).

Curriculum Guide Name	Degree/Certificate	A.A./AA-T	A.S./AS-T	C-ACH	C-ACC	C-COMP
Administration of Justice	**Administration of Justice**	**1800**	**5504**	3800		
Administration of Justice	Criminal Forensics				4019	
Administration of Justice	Public Service –Travel Security Administration Associate				4800	
Administration of Justice for Transfer	**Administration of Justice for Transfer – CSUGE**		**5504B**			
Administration of Justice for Transfer	**Administration of Justice for Transfer – IGETC**		**5504C**			
Administrative Assistant	**Administrative Assistant**		**2170**	3170		
Administrative Assistant	Business Communications				4070	
Administrative Assistant	Business Digital Literacy				4130	
Administrative Assistant	Computer & Office Skills				4074	
Administrative Assistant	Computing & Internet Literacy				4095	
Administrative Assistant	Microsoft Office				4077	
Administrative Assistant	Law Office Procedures				4132	
Adv Trans Tech: Alt Fuels	**Adv Trans Tech: Alt Fuels**		**2943**	3943		
Adv Trans Tech: Alt Fuels	Adv Trans Tech- Heavy Duty Alt Fuels				4104	
Adv Trans Tech: Alt Fuels	Adv Trans Tech- Lt Med Duty Alt Fuels				4102	
Adv Trans Tech: Elec Vehicles	**Adv Trans Tech: Elec Vehicles**		**2945**	3945		
Adv Trans Tech: Elec Vehicles	Adv Trans Tech: Elec Vehicle				4100	
Alcohol & Drug Studies	**Alcohol & Drug Studies**	**1811**				
Alcohol & Drug Studies	Co-Occurring Disorders – Level One				4811	
Alcohol & Drug Studies	Alcohol & Chemical Dependency				4067	
Anthropology for Transfer	**Anthropology for Transfer - CSUGE**	**5011B**				
Anthropology for Transfer	**Anthropology for Transfer - IGETC**	**5011C**				
Architectural Design	**Architectural Design**		**2908**	3908		

LONG BEACH CITY COLLEGE

2016-2017 Long Beach City College
Degree & Certificate List

Art	**Art**	**1194**				
Art	Fundamentals of Digital Media Art				4194	
Art History	**Art History for Transfer – CSUGE**	**5015B**				
Art History	**Art History for Transfer – IGETC**	**5015C**				
Studio Arts	**Studio Arts for Transfer - CSUGE**	**5013B**				
Studio Arts	**Studio Arts for Transfer - IGETC**	**5013C**				
Baking and Pastry Arts	**Baking and Pastry Arts**		**2142**	3142		
Biological Sciences	**Biological Sciences**	**1500**	**2500**			
Business	**Accounting**	**1100**		3100		
Business	**Business General**	**1111**		3111		
Business	**Business Management**	**1143**		3143		
Business	**International Business**	**1151**		3151		
Business	**Marketing**	**1153**		3153		
Business	Business Economics				4145	
Business	Foundations of Accounting				4200	
Business	Foundations of Business				4111	
Business	Foundations of International Business				4151	
Business	Foundations of Management				4143	
Business	Foundations of Marketing				4153	
Business	Logistics				4127	
Business	Money and Banking				4144	
Business Administration for Transfer	**Business Administration for Transfer- CSUGE**		**5502B**			
Business Administration for Transfer	**Business Administration for Transfer- IGETC**		**5502C**			
Business Information Professional	**Business Information Professional**	**1129**		3129		
Child Development: Early Childhood Education	**Child Development: Early Childhood Education**	**1302**		3302		
Child Development: Early Childhood Education	Child Dev Permit Spec Area: Child Health & Safety				4059	
Child Development: Early Childhood Education	Child Dev Permit Spec Area: Children with Exc Needs				4060	
Child Development: Early Childhood Education	Child Dev Permit Spec Area: Curr in Early Childhood Ed				4122	
Child Development: Early Childhood Education	Child Dev Permit Spec Area: Early Literacy				4066	
Child Development: Early Childhood Education	Child Dev Permit Spec Area: Family Child Care				4061	
Child Development: Early Childhood Education	Child Dev Permit Spec Area: Infant/Toddler				4062	
Child Development: Early Childhood Education	Child Dev Permit Spec Area: School Age				4065	
Child Development: Early Childhood Education	Early Childhood Education Assistant Teacher				4055	
Child Development: Early Childhood Education	Early Childhood Education Associate Teacher				4056	
Child Development: Early Childhood Education	Family Development				4052	
Child Development: Early Childhood Education for Transfer	**Child Development: Early Childhood Education for Transfer - CSUGE**	**5501B**				
Child Development: Early Childhood Education for Transfer	**Child Development: Early Childhood Education for Transfer - IGETC**	**5501C**				
Child Development: Special Education Assistant	Child Development: Special Education Assistant	**1310**		3310		
College and Workforce Preparation	**College and Workforce Preparation**					
College and Workforce Preparation	English for Everyday					4116
College and Workforce Preparation	Reading Skills for ESL Students					4117
College and Workforce Preparation	College and Workplace Reading					4118
Communication Studies	**Communication Studies**	**1240**				
Communication Studies for Transfer	**Communication Studies for Transfer- CSUGE**	**5002B**				
Communication Studies for Transfer	**Communication Studies for Transfer- IGETC**	**5002C**				
Computer Security and Networking	**Computer Security and Networking**		**2125**	3125		
Computer Security and Networking	Computer Hardware Technician				4126	
Computer Security and Networking	Cyber Security				4106	
Computer Security and Networking	Computer Network Technician				4125	

2016-2017 Long Beach City College
Degree & Certificate List

Computer Security and Networking	Microsoft Windows Networking Administrator					
Computer Security and Networking	UNIX Network Administrator				4921	
Computer Science	**Computer Science**		**2119**	3119		
Computer Technology	**Computer Technology**		**2126**	3126		
Culinary Arts	**Culinary Arts**		**2147**	3147		
Customer Support	**Customer Support**		**2123**	3123		
Customer Support	Business Communications				4070	
Customer Support	Data Entry				4071	
Dance	**Dance**	**1260**				
Database Management	**Database Management**		**2127**	3127		
Database Management	Database Specialist				4080	
Database Management	Android App Developer			4119	4119	
Database Management	PHP Web Programmer			4129	4129	
Diagnostic Medical Imaging Sciences (Radiology Tech)	**Diagnostic Medical Imaging**		**2612**	3612		
Diagnostic Medical Imaging Sciences (Radiology Tech)	Computer Tomography				4045	
Diagnostic Medical Imaging Sciences (Radiology Tech)	Magnetic Resonance Imaging Technologist				4613	
Dietetics Program	**Dietetics Service Supervisor**	**1320**		3320		
Dietetics Program	**Nutrition Assistant**	**1321**		3321		
Dietetics Program	Formula Room Technician				4321	
Digital Design and Publication	**Digital Design and Publication**	**1023**		3023		
Drafting – Architectural	**Drafting – Architectural**		**2909**			
Drafting – Architectural	Drafting – Architectural Core Skills			3906		
Drafting – Architectural	Drafting – Architectural Advanced Skills			3909		
Drafting- Mechanical Design (Occupational Program)	**Drafting- Mechanical Design**		**2913**			
Drafting- Mechanical Design (Occupational Program)	Drafting- Mechanical Design Core Skills			3907		
Drafting- Mechanical Design (Occupational Program)	Drafting- Mechanical Design Advanced Skills			3913		
Drafting- Mechanical Design (Occupational Program)	AutoCAD I, Fundamentals				4015	
Drafting- Mechanical Design (Occupational Program)	AutoCAD II, Advanced Concepts				4016	
Drafting- Mechanical Design (Occupational Program)	AutoCAD III, Visualization, Rendering, Animation				4017	
Drafting- Mechanical Design (Occupational Program)	CAD Professional				4018	
Electrical Technology	**Electrical Technology**		**2920**	3920		
Electrical Technology	Network Cabling Specialist				4089	
Electrical Technology	Network Installation				4090	
Electrical Technology	Network Installation and Design				4091	
Electrical Technology	Solar Photovoltaic Installation and Design				4920	
Electrical Technology	Traffic Signals System				4029	
Engineering	**Engineering**		**2520**			
English for Transfer	**English for Transfer- CSUGE**	**5003B**				
English for Transfer	**English for Transfer- IGETC**	**5003C**				
English: Language & Literature; Creative Writing	**Language & Literature**	**1395**				
English: Language & Literature; Creative Writing	**Creative Writing**	**1396**				
English as a Second Language (ESL)	**English as a Second Language**					
English as a Second Language (ESL)	English for Everyday					4116
English as a Second Language (ESL)	Reading Skills for ESL Students					4117
Family and Consumer Studies	**Family and Consumer Studies**	**1335**		3335		
Fashion Design	**Fashion Design**	**1324**		3324		
Fashion Design	Fashion Design: Patternmaker			3319		
Fashion Design	Fashion Design: Samplemaker			3323		
Fashion Design- Assistant Designer	**Fashion Design- Assistant Designer**	**1325**		3325		

Fashion Merchandising	**Fashion Merchandising**	**1326**		3326		
Film	**Film**	**1265**				
Fire Science	**Fire Science**		**2805**	3805		
Floral Design	**Floral Design**	**1328**		3328		
Foreign Languages	**Foreign Languages**	**1420**		3420		
Spanish for Transfer	**Spanish for Transfer - CSUGE**	**5010B**				
Spanish for Transfer	**Spanish for Transfer - IGETC**	**5010C**				
Geology for Transfer	**Geology for Transfer- CSUGE**		**5503B**			
Geology for Transfer	**Geology for Transfer- IGETC**		**5503C**			
History for Transfer	**History for Transfer - CSUGE**	**5006B**				
History for Transfer	**History for Transfer - IGETC**	**5006C**				
Horticulture	**Horticulture**		**2962**	3962		
Human Services	**Human Services**	**1810**		3810		
Human Services	Activity/Recreation Leadership Training				4068	
Journalism	**Journalism: Newspaper/Magazine Emphasis**	**1411**				
Journalism	**Journalism: Public Relations**	**1412**				
Journalism	**Journalism: Publication Specialist**	**1413**				
Journalism	**Journalism**			3410		
Journalism	**Photojournalism**			3414		
Journalism for Transfer	**Journalism for Transfer - CSUGE**	**5014B**				
Journalism for Transfer	**Journalism for Transfer - IGETC**	**5014C**				
Kinesiology	**Kinesiology**	**1701**				
Kinesiology	Athletic Coaching				4701	
Kinesiology	Personal Trainer				4700	
Kinesiology for Transfer	**Kinesiology for Transfer - CSUGE**	**5004B**				
Kinesiology for Transfer	**Kinesiology for Transfer - IGETC**	**5004C**				
Library Technician	**Library Technician**	**1030**		3030		
Math for Transfer	**Math for Transfer- CSUGE**		**500B**			
Math for Transfer	**Math for Transfer- IGETC**		**5500C**			
Mathematics	**Mathematics**		**2530**			
Mechanical Maintenance Technology	**Mechanical Maintenance Technology**		**2917**	3917		
Medical Assisting Program	**Medical Assisting- Combined**	**1608**	**2608**	3608		
Medical Assisting Program	**Medical Assisting- Administrative**			3606		
Medical Assisting Program	**Medical Assisting- Clinical**			3607		
Medical Assisting Program	Emergency Medical Technician				4010	
Medical Assisting Program	Medical Insurance Billing				4044	
Medical Assisting Program	Phlebotomy				4046	
Metal Fabrication Technology	**Metal Fabrication Technology**		**2984**			
Metal Fabrication Technology	Metal Fabrication Technology - Core Skills			3982		
Metal Fabrication Technology	Metal Fabrication Technology - Advanced Skills			3983		
Metal Fabrication Technology	Robotic Welding Automation				4922	
Music for Transfer	**Music for Transfer- CSUGE**	**5008B**				
Music for Transfer	**Music for Transfer- IGETC**	**5008C**				
Music	**Music**	**1220**				
Nursing: Associate Degree (RN) Program	**Nursing: Associate Degree (RN) Program**		**2620**	3620		
Nursing: LVN to RN	**Nursing: LVN to RN**		**2626**			
Nursing: LVN to RN	**Nursing: LVN to RN (30 Unit Option)**			3626		
Nursing: Vocational/Practical	**Nursing: Vocational/Practical**		**2630**	3630		
Philosophy for Transfer	**Philosophy for Transfer - CSUGE**	**5012B**				

Philosophy for Transfer	**Philosophy for Transfer - IGETC**	**5012C**				
Physical Sciences	**Physical Sciences**	**1540**	**2540**			
Political Science for Transfer	**Political Science for Transfer - CSUGE**	**5005B**				
Political Science for Transfer	**Political Science for Transfer - IGETC**	**5005C**				
Political Science for Transfer	Political Science - General				4820	
Political Science for Transfer	Political Science - Global				4821	
Psychology for Transfer	**Psychology for Transfer- CSUGE**	**5000B**				
Psychology for Transfer	**Psychology for Transfer- IGETC**	**5000C**				
Radio/Television Broadcast News	**Radio/Television Broadcast News**	**1251**		3251		
Radio/Television Performance	**Radio/Television Performance**	**1252**		3252		
Radio/Television Producer	**Radio/Television Producer**	**1253**		3253		
Radio/Television Producer	Multimedia Production			3254		
Social Sciences	**Social Sciences**	**1820**				
Sociology for Transfer	**Sociology for Transfer- CSUGE**	**5001B**				
Sociology for Transfer	**Sociology for Transfer- IGETC**	**5001C**				
Theatre- General and Acting Academy	**Theatre- General**	**1271**		3270		
Theatre- General and Acting Academy	**Theatre- Acting Academy**	**1272**		3272		
Theatre- General and Acting Academy	Commercials				4035	
Theatre- General and Acting Academy	Vocational Media-Film Acting				4034	
Theatre- General and Acting Academy	Voice Over				4036	
Web Development	**Web Development**		**2128**			
Web Development	PHP Web Programmer				4129	
Web Development	Web Developer				4131	
Web Development	Android App Developer				4119	