2013-2014 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		3800		
Administration of Justice	Criminal Forensics				4019	
Administration of Justice	Public Service				4800	
Administrative Assistant	**Administrative Assistant**		2170	3170		
Administrative Assistant	Basic Business Communications				4070	
Administrative Assistant	Basic Computer & Office Skills				4074	
Administrative Assistant	Basic Computing & Internet Literacy				4095	
Administrative Assistant	Basic Data Entry				4071	
Administrative Assistant	Basic Databases				4080	
Administrative Assistant	Basic Information Manager				4069	
Administrative Assistant	Basic Presentations				4110	
Administrative Assistant	Basic Spreadsheets				4079	
Administrative Assistant	Basic Word Processing				4076	
Administrative Assistant	Business Digital Literacy				4130	
Administrative Assistant	Computer Tech A+ Preparation				4126	
Administrative Assistant	Information Security				4106	
Administrative Assistant	Microsoft Office				4077	
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	
Architectural Design	**Architectural Design**		2908	3908		
Art	**Art**	1194				
Baking and Pastry Arts	**Baking and Pastry Arts**		2142	3142		

Baking and Pastry Arts	Baking and Pastry I			4004	
Baking and Pastry Arts	Baking and Pastry II			4012	
Baking and Pastry Arts	Commercial Cake Decorating			4006	
Baking and Pastry Arts	Introduction to Baking			4003	
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	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 Administration for Transfer	**Business Administration for Transfer- CSUGE**	**5502B**			
Business Administration for Transfer	**Business Administration for Transfer- IGETC**	**5502C**			
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: Special Education Assistant	**Child Development: Special Education Assistant**	**1310**		**3310**	
College and Workforce Preparation	English for Everyday				4116
College and Workforce Preparation	Reading Skills for ESL Students				4117
College and Workforce Preparation	Basic Skills for the Workplace				4118
Commercial Music- Performance	**Instrumentalist**	**1233**		**3233**	
Commercial Music- Performance	**Vocalist**	**1237**		**3237**	
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 Networking	**Computer Networking**		**2125**	**3125**	
Computer Networking	Business Digital Literacy			4130	
Computer Networking	Computer Tech A+ Preparation			4126	
Computer Networking	Information Security			4106	
Computer Networking	Microsoft Windows Systems Administration			4107	
Computer Networking	Windows Network Administrator			4086	
Computer Programming	**Computer Programming**		**2124**	**3124**	
Computer Programming	Business Digital Literacy			4130	
Computer Programming	Computer Tech A+ Preparation			4126	
Computer Programming	Information Security			4106	

Computer Programming	Java Web Programmer				4083
Computer Science	**Computer Science**		**2119**	**3119**	
Culinary Arts	**Culinary Arts**		**2147**	**3147**	
Culinary Arts	Classical Cuisine				4149
Culinary Arts	Garde Manger				4148
Culinary Arts	Introduction to Culinary Arts				4147
Customer Service/Help Desk	**Customer Service/Help Desk**				
Customer Service/Help Desk	Basic Business Communications				4070
Customer Service/Help Desk	Basic Computer & Office Skills				4074
Customer Service/Help Desk	Basic Computing & Internet Literacy				4095
Customer Service/Help Desk	Basic Data Entry				4071
Customer Service/Help Desk	Basic Databases				4080
Customer Service/Help Desk	Basic Information Manager				4069
Customer Service/Help Desk	Basic Presentations				4110
Customer Service/Help Desk	Basic Spreadsheets				4079
Customer Service/Help Desk	Basic Word Processing				4076
Customer Service/Help Desk	Business Digital Literacy				4130
Customer Service/Help Desk	Computer Tech A+ Preparation				4126
Customer Service/Help Desk	Information Security				4106
Customer Service/Help Desk	Microsoft Office				4077
Dance	**Dance**	**1260**			
Data Entry	**Data Entry**		**2130**	**3130**	
Data Entry	Basic Business Communications				4070
Data Entry	Basic Computer & Office Skills				4074
Data Entry	Basic Computing & Internet Literacy				4095
Data Entry	Basic Data Entry				4071
Data Entry	Basic Databases				4080
Data Entry	Basic Information Manager				4069
Data Entry	Basic Presentations				4110
Data Entry	Basic Spreadsheets				4079
Data Entry	Basic Word Processing				4076
Data Entry	Business Digital Literacy				4130
Data Entry	Computer Tech A+ Preparation				4126
Data Entry	Information Security				4106
Data Entry	Microsoft Office				4077
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	Formular Room Technician				4321
Digital Design and Publication	**Digital Design and Publication**	**1023**		**3023**	
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)	3D Studio MAX- Animation Technician				4026
Drafting- Mechanical Design (Occupational Program)	3D Studio MAX- Modeling Technician				4027

Drafting- Mechanical Design (Occupational Program)	3D Studio MAX- Technical Design Animator				4028
Drafting- Mechanical Design (Occupational Program)	3D Studio MAX- Texture and Lighting Technician				4025
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
Drafting-Architectural (Occupational Program)	**Drafting-Architectural (Occupational Program)**	**2909**			
Drafting-Architectural (Occupational Program)	Drafting- Architectural Core Skills			3906	
Drafting-Architectural (Occupational Program)	Drafting- Architectural Advanced Skills			3909	
Early Childhood Education for Transfer	**Early Childhood Education for Transfer- CSUGE**	**5501B**			
Early Childhood Education for Transfer	**Early Childhood Education for Transfer- IGETC**	**5501C**			
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 Writng**	**1396**			
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**	
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
Human Services: Alcohol & Drug Studies	**Human Services: Alcohol & Drug Studies**	**1811**		**3811**	
Human Services: Alcohol & Drug Studies	Co-Occurring Disorders- Level One				4811
Journalism	**Journalism: Newspaper/Magazine Emphasis**	**1411**			
Journalism	**Journalism: Public Relations**	**1412**			
Journalism	**Journalism: Publication Specialist**	**1413**			
Journalism	Journalism			3410	
Journalism	Photojournalism			3414	
Kinesiology for Transfer	**Kinesiology for Transfer - CSUGE**	**5004B**			

Program	Title					
Kinesiology for Transfer	**Kinesiology for Transfer - IGETC**	**5004C**				
Kinesiology - Recreation	**Kinesiology - Recreation**	**1701**				
Kinesiology - Teaching	**Kinesiology - Teaching**	**1702**				
Kinesiology – Teaching	Athletic Coaching				4701	
Library Technician	**Library Technician**	**1030**		3030		
Math for Transfer	**Math for Transfer- CSUGE**	**5500B**				
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		
Music	**Music**	**1220**				
Nursing: Associate Degree (RN) Program	**Nursing: Associate Degree (RN) Program**	**1620**	2620	3620		
Nursing: LVN to RN	**Nursing: LVN to RN**	**1626**	2626	3626		
Nursing: LVN to RN	**Nursing: LVN to RN (30 Unit Option)**			3625		
Nursing: Vocational/Practical	**Nursing: Vocational/Practical**	**1630**	2630	3630		
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**				
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**				
Social Sciences	Political Science - General				4820	
Social Sciences	Political Science - Global				4821	
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	
Tool Designer	**Tool Designer**		2918	3918		