

## 2014-2015 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
<b>Administration of Justice</b>	<b>Administration of Justice</b>	1800		3800		
Administration of Justice	Criminal Forensics				4019	
Administration of Justice	Public Service				4800	
<b>Administrative Assistant</b>	<b>Administrative Assistant</b>		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	Data Entry				4071	
Administrative Assistant	Microsoft Office				4077	
<b>Adv Trans Tech: Alt Fuels</b>	<b>Adv Trans Tech: Alt Fuels</b>		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	
<b>Adv Trans Tech: Elec Vehicles</b>	<b>Adv Trans Tech: Elec Vehicles</b>		2945	3945		
Adv Trans Tech: Elec Vehicles	Adv Trans Tech: Elec Vehicle				4100	
<b>Architectural Design</b>	<b>Architectural Design</b>		2908	3908		
<b>Art</b>	<b>Art</b>	1194				
Art	Fundamentals of Digital Media Art				4194	
<b>Baking and Pastry Arts</b>	<b>Baking and Pastry Arts</b>		2142	3142		
<b>Biological Sciences</b>	<b>Biological Sciences</b>	1500	2500			
<b>Business</b>	<b>Accounting</b>	1100		3100		
<b>Business</b>	<b>Business General</b>	1111		3111		
<b>Business</b>	<b>Business Management</b>	1143		3143		
<b>Business</b>	<b>International Business</b>	1151		3151		
<b>Business</b>	<b>Marketing</b>	1153		3153		



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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	
<b>Business Administration for Transfer</b>	<b>Business Administration for Transfer- CSUGE</b>	<b>5502B</b>				
<b>Business Administration for Transfer</b>	<b>Business Administration for Transfer- IGETC</b>	<b>5502C</b>				
<b>Child Development: Early Childhood Education</b>	<b>Child Development: Early Childhood Education</b>	<b>1302</b>		<b>3302</b>		
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	
<b>Child Development: Special Education Assistant</b>	<b>Child Development: Special Education Assistant</b>	<b>1310</b>		<b>3310</b>		
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
<b>Commercial Music- Performance</b>	<b>Instrumentalist</b>	<b>1233</b>		<b>3233</b>		
<b>Commercial Music- Performance</b>	<b>Vocalist</b>	<b>1237</b>		<b>3237</b>		
<b>Communication Studies</b>	<b>Communication Studies</b>	<b>1240</b>				
<b>Communication Studies for Transfer</b>	<b>Communication Studies for Transfer- CSUGE</b>	<b>5002B</b>				
<b>Communication Studies for Transfer</b>	<b>Communication Studies for Transfer- IGETC</b>	<b>5002C</b>				
<b>Computer Networking</b>	<b>Computer Networking</b>		<b>2125</b>	<b>3125</b>		
Computer Networking	Business Digital Literacy				4130	
Computer Networking	Computer Hardware Technician				4126	
Computer Networking	Cyber Security				4106	
Computer Networking	Microsoft Windows Networking Technician				4086	
<b>Computer Science</b>	<b>Computer Science</b>		<b>2119</b>	<b>3119</b>		
<b>Culinary Arts</b>	<b>Culinary Arts</b>		<b>2147</b>	<b>3147</b>		
<b>Customer Service/Help Desk</b>	<b>Customer Service/Help Desk</b>					
Customer Service/Help Desk	Business Communications				4070	
Customer Service/Help Desk	Business Digital Literacy				4130	
Customer Service/Help Desk	Computer & Office Skills				4074	
Customer Service/Help Desk	Computer & Internet Literacy				4095	
Customer Service/Help Desk	Data Entry				4071	
Customer Service/Help Desk	Computer Hardware Technician				4069	
Customer Service/Help Desk	Microsoft Office				4077	
<b>Dance</b>	<b>Dance</b>	<b>1260</b>				
<b>Diagnostic Medical Imaging Sciences (Radiology Tech)</b>	<b>Diagnostic Medical Imaging</b>		<b>2612</b>	<b>3612</b>		
Diagnostic Medical Imaging Sciences (Radiology Tech)	Computer Tomography				4045	
Diagnostic Medical Imaging Sciences (Radiology Tech)	Magnetic Resonance Imaging Technologist				4613	
<b>Dietetics Program</b>	<b>Dietetics Service Supervisor</b>	<b>1320</b>		<b>3320</b>		
<b>Dietetics Program</b>	<b>Nutrition Assistant</b>	<b>1321</b>		<b>3321</b>		
Dietetics Program	Formular Room Technician				4321	



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<b>Digital Design and Publication</b>	<b>Digital Design and Publication</b>	<b>1023</b>		<b>3023</b>	
<b>Drafting- Mechanical Design (Occupational Program)</b>	<b>Drafting- Mechanical Design</b>		<b>2913</b>		
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
<b>Drafting-Architectural (Occupational Program)</b>	<b>Drafting-Architectural (Occupational Program)</b>		<b>2909</b>		
Drafting-Architectural (Occupational Program)	Drafting- Architectural Core Skills			3906	
Drafting-Architectural (Occupational Program)	Drafting- Architectural Advanced Skills			3909	
<b>Early Childhood Education for Transfer</b>	<b>Early Childhood Education for Transfer- CSUGE</b>	<b>5501B</b>			
<b>Early Childhood Education for Transfer</b>	<b>Early Childhood Education for Transfer- IGETC</b>	<b>5501C</b>			
<b>Electrical Technology</b>	<b>Electrical Technology</b>		<b>2920</b>	<b>3920</b>	
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
<b>Engineering</b>	<b>Engineering</b>		<b>2520</b>		
<b>English for Transfer</b>	<b>English for Transfer- CSUGE</b>	<b>5003B</b>			
<b>English for Transfer</b>	<b>English for Transfer- IGETC</b>	<b>5003C</b>			
<b>English: Language &amp; Literature; Creative Writing</b>	<b>Language &amp; Literature</b>	<b>1395</b>			
<b>English: Language &amp; Literature; Creative Writing</b>	<b>Creative Writing</b>		<b>1396</b>		
<b>Family and Consumer Studies</b>	<b>Family and Consumer Studies</b>	<b>1335</b>		<b>3335</b>	
<b>Fashion Design</b>	<b>Fashion Design</b>	<b>1324</b>		<b>3324</b>	
Fashion Design	Fashion Design: Patternmaker				3319
Fashion Design	Fashion Design: Samplemaker				3323
<b>Fashion Design- Assistant Designer</b>	<b>Fashion Design- Assistant Designer</b>	<b>1325</b>		<b>3325</b>	
<b>Fashion Merchandising</b>	<b>Fashion Merchandising</b>	<b>1326</b>		<b>3326</b>	
<b>Film</b>	<b>Film</b>	<b>1265</b>			
<b>Fire Science</b>	<b>Fire Science</b>		<b>2805</b>	<b>3805</b>	
<b>Floral Design</b>	<b>Floral Design</b>	<b>1328</b>		<b>3328</b>	
<b>Foreign Languages</b>	<b>Foreign Languages</b>	<b>1420</b>		<b>3420</b>	
<b>Geology for Transfer</b>	<b>Geology for Transfer- CSUGE</b>	<b>5503B</b>			
<b>Geology for Transfer</b>	<b>Geology for Transfer- IGETC</b>	<b>5503C</b>			
<b>History for Transfer</b>	<b>History for Transfer - CSUGE</b>	<b>5006B</b>			
<b>History for Transfer</b>	<b>History for Transfer - IGETC</b>	<b>5006C</b>			
<b>Horticulture</b>	<b>Horticulture</b>		<b>2962</b>	<b>3962</b>	
<b>Human Services</b>	<b>Human Services</b>	<b>1810</b>		<b>3810</b>	
Human Services	Activity/Recreation Leadership Training				4068
<b>Human Services: Alcohol &amp; Drug Studies</b>	<b>Human Services: Alcohol &amp; Drug Studies</b>	<b>1811</b>		<b>3811</b>	
Human Services: Alcohol & Drug Studies	Co-Occurring Disorders- Level One				4811
<b>Journalism</b>	<b>Journalism: Newspaper/Magazine Emphasis</b>	<b>1411</b>			
<b>Journalism</b>	<b>Journalism: Public Relations</b>	<b>1412</b>			



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Journalism	Journalism: Publication Specialist	1413			
Journalism	Journalism			3410	
Journalism	Photojournalism			3414	
Kinesiology for Transfer	Kinesiology for Transfer - CSUGE	5004B			
Kinesiology for Transfer	Kinesiology for Transfer - IGETC	5004C			
Kinesiology - Recreation	Kinesiology - Recreation	1701			
Kinesiology - Teaching	Kinesiology - Teaching	1702			
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			
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	