

LONG BEACH CITY COLLEGE 2012-2013 CERTIFICATE AND DEGREE PROGRAMS

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 or appropriate preparation for transfer to a four-year college or university. 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.

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:

T = **Transfer Preparation** – College courses in general education and the major taken during the freshman and sophomore years to prepare for transfer to a university

A = **Associate Degree** – Two-year college degree awarded by Long Beach City College which includes general education courses and a major.

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.

AD-T (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.

T	A	ACH	AA-T AS-T	Degree/Certificate	T	A	ACH	AA-T AS-T	Degree/Certificate	T	A	ACH	AA-T AS-T	Degree/Certificate
✓	✓	✓		Administration of Justice		✓			Dietetics Program		✓	✓		Medical Asst Clinical and/or Admin. Cert
	✓	✓		Advanced Transportation Technology: Alternative Fuels		✓	✓		Digital Design and Publication		✓			Music
	✓	✓		Advanced Transportation Technology: Electric Vehicles		✓	✓		Drafting – Architectural (Occupational)	✓	✓	✓		Nursing – RN – Associate Degree
	✓	✓		Aeronautics-Aviation Maintenance		✓	✓		Drafting – Mechanical & Design (Occupational Program)	✓	✓	✓		Nursing – LVN to RN Career Ladder
	✓	✓		Air Conditioning/Refrigeration – Theory & Practical Experience		✓	✓		Electrical Technology	✓	✓	✓		Nursing – Vocational (LVN)
	✓	✓		Air Conditioning-Refrigeration Theory		✓	✓		Engineering		✓	✓		Photography
✓	✓	✓		Architectural Design Transfer	✓	✓		✓	English	✓	✓			Physical Sciences
✓	✓	✓		Art	✓	✓	✓		Family & Consumer Studies				✓	Psychology
	✓	✓		Auto Body Repair	✓	✓	✓		Fashion Design	✓	✓	✓		Radio/TV – Broadcast News
	✓	✓		Auto Mechanics		✓	✓		Fashion Design – Assist. Designer	✓	✓	✓		Radio/TV – Performance
	✓	✓		Baking	✓	✓	✓		Fashion Merchandising			✓		Radio/TV – Producer
✓	✓			Biological Sciences	✓	✓			Film	✓	✓	✓		Sheet Metal
✓	✓	✓	✓	Business		✓			Fine Arts	✓	✓			Social Sciences
	✓	✓		Carpentry Technology/Trade Home Remodel & Repair	✓	✓	✓		Fire Science				✓	Sociology
✓			✓	Child Dev. -Early Childhood Care		✓	✓		Floral Design		✓	✓		Theatre: General and Acting Academy
	✓	✓		Child Dev. – Special Education Assistant	✓	✓	✓		Foreign Languages		✓	✓		Tool Designer
✓	✓		✓	Communication Studies				✓	Geology			✓		Welding Technology
✓	✓			Computer and Office Studies		✓	✓		Horticulture					
	✓	✓		Commercial Music: Audio Production	✓	✓	✓		Human Services					
	✓	✓		Comm. Music: Music Production		✓	✓		Human Serv.– Alcohol & Drug Studies					
	✓	✓		Commercial Music: Performance	✓	✓	✓		Interior Design					
	✓	✓		Culinary Arts		✓	✓		Info Technology/Computer Science					
✓	✓	✓		Dance	✓	✓			Kinesiology					
	✓	✓		Diagnostic Medical Imaging (DMI)		✓	✓		Library Technician					
	✓	✓		Diesel Mechanics	✓	✓		✓	Mathematics					

Long Beach City College also offers Certificates of Accomplishment. A Certificate of Accomplishment certifies a competency in a given area and requires less than 18 units. Listed below is a list of Certificates as well as a list of curriculum guides that provide detailed information required to obtain a Certificate of Accomplishment.

CERTIFICATES OF ACCOMPLISHMENT

Name of Certificate	Curriculum Guide	Name of Certificate	Curriculum Guide
3D Studio MAX – Animation Technician	Drafting, Mechanical Design	Emergency Medical Technician	Medical Assisting
3D Studio MAX – Modeling Technician	Drafting, Mechanical Design	Family Development	Child Development – Early Childhood Education
3D Studio MAX – Texture and Lighting Technician	Drafting, Mechanical Design	Family Child Care	Child Development – Early Childhood Education
3D Studio MAX – Technical Design Animator	Drafting, Mechanical Design	Formula Room Technician	Dietetics Program
Activity/Recreation Leadership Training	Human Services	Garde Manger	Culinary Arts
Advanced Transportation Technology – Light Medium Duty Alternate Fuels	Advanced Transportation Technology – Alternate Fuels, Auto Mechanics	Green Design Certificate	Interior Design
Advanced Transportation Technology – Electric Vehicle	Advanced Transportation Technology – Electric Vehicle, Auto Mechanics	Home Remodeling & Repair Technician	Carpentry
Advanced Transportation Technology – Heavy Duty Alternate Fuels	Advanced Transportation Technology – Alternate Fuels, Auto Mechanics	Infant/Toddler	Child Development – Early Childhood Education
Alcohol & Chemical Dependency	Human Services: Alcohol & Drug Studies	Information Security	Information Technology/Computer Science
Application Developer	Information Technology/Computer Science	Introduction to Baking	Baking
AutoCAD I, Fundamentals	Drafting, Mechanical Design	Introduction to Culinary Arts	Culinary Arts
AutoCAD II, Advanced Concepts	Drafting, Mechanical Design	Java Web Programmer	Information Technology/Computer Science
AutoCAD III, Visualization, Rendering, Animation	Drafting, Mechanical Design	Magnetic Resonance Imaging Technology	Diagnostic Medical Imaging
Baking and Pastry 1	Baking	Medical Insurance Billing	Medical Assistant
Baking and Pastry 2	Baking	Microsoft Windows System Administrator	Information Technology/Computer Science
Basic Business Communications	Business	Microsoft Office	Computer and Office Studies
Basic Computer and Office Skills	Computer and Office Studies	Network Cabling Specialist	Electrical
Basic Computing and Internet Literacy	Computer and Office Studies	Network Installation	Electrical
Basic Customer Service	Computer and Office Studies	Network Installation and Design	Electrical
Basic Databases	Business	Phlebotomy	Medical Assistant
Basic Data Entry	Computer and Office Studies	ProTools Assistant	Commercial Music: Audio Production
Basic Presentations	Business	Public Service – Transport Service Administration Associate	Administration of Justice
Basic Spreadsheets	Business	Quick Service Tech – Brake Inspections	Auto Mechanics
Basic Word Processing	Computer and Office Studies	Quick Service Tech – Lubrication Service	Auto Mechanics
Business Digital Literacy	Information Technology/Computer Science	Quick Service Tech – Tire Service	Auto Mechanics
CAD Professional	Drafting, Mechanical Design	Real Estate-Lending	Business
Carpenter Trainee	Carpentry	Real Estate-Property Management	Business
Child Health and Safety	Child Development – Early Childhood Education	Real Estate-Salesperson	Business
Children with Exceptional Needs	Child Development – Early Childhood Education	School Age	Child Development – Early Childhood Education
Classical Cuisine	Culinary Arts	Solar Photovoltaic	Electrical Technology
Computer Tech A+ Preparation	Information Technology/Computer Science	Studio Assistant	Commercial Music: Audio Production
Commercial Cake Decorating	Baking,	Traffic Signals Systems 1	Electrical Technology
Computed Tomography	Diagnostic Medical Imaging	Vocational Media – Commercials	Theatre Arts
Co-Occurring Disorders – Level One	Human Services: Alcohol & Drug Studies	Vocational Media – Film Acting	Theatre Arts
Criminal Forensics	Administration of Justice	Vocational Media – Voice Over	Theatre Arts
Curriculum in Early Childhood Education	Child Development – Early Childhood Education	Web Construction	Information Technology/Computer Science
Early Literacy	Child Development – Early Childhood Education	Windows 2000 Network Administrator	Information Technology/Computer Science

CERTIFICATE OF COMPLETION

NONCREDIT CERTIFICATE OF COMPLETION

The NONCREDIT CERTIFICATE OF COMPLETION is based on hours of instruction rather than on credit. The Noncredit Certificate of Completion was created in response to Senate Bill 361 (SB 361), which encourages California Community Colleges to offer certificates leading to improved employability or job opportunities.

Courses leading to a Noncredit Certificate of Completion are in the area of Career Development or College Preparation and must be part of one of the following: (1) a short-term vocational program with high employment potential; (2) a sequence of courses in (A) elementary or secondary basic skills including sequences of courses leading to a high school diploma; (B) workforce preparation in the basic skills of speaking, listening, reading, writing, mathematics, decision-making, and problem-solving skills that are necessary to participate in job-specific technical training; or (C) English as a Second Language (ESL) or Vocational English as a Second Language (VESL).

CERTIFICATES OF COMPLETION

Name of Certificate	Curriculum Guide	Name of Certificate	Curriculum Guide
Basic Skills for the Workplace (BAE)	College and Workforce Preparation	English for Every Day (ESL)	College and Workforce Preparation