

LONG BEACH CITY COLLEGE 2011-2012 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 (i.e., CSU-Long Beach, Chapman, UC-Irvine, USC, etc.).

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.

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. A list of Certificates of Accomplishment is on the reverse side.

T	A	ACH	CERTIFICATES/DEGREES	T	A	ACH	CERTIFICATES/DEGREES	T	A	ACH	CERTIFICATES/DEGREES
X	X	X	Accounting		X	X	Child/Adult Dev. – Special Education Assist.		X	X	Floral Design
	X	X	Accounting Clerk	X	X	X	Computer and Office Technology	X	X	X	Foreign Languages
				X	X	X	Computer Applications Specialist (<i>see: Note</i>)		X	X	Horticulture
X	X	X	Administration of Justice	X	X	X	Computer Prog (Bus. Info Systems & Comp. Science)	X	X	X	Human Services
	X	X	Administrative Assistant (<i>see: Note</i>)		X	X	Culinary Arts		X	X	Human Services – Alcohol and Drug Studies
	X	X	Advanced Transportation Technology: Alternate Fuels		X	X	Customer Service Representative (<i>see: Note</i>)	X	X	X	Interior Design
	X	X	Advanced Transportation Technology: Electric Vehicles	X	X		Dance	X	X	X	Interior Design: Technical Skills
	X	X	Aeronautics – Aviation Maintenance		X	X	Data Entry (<i>see: Note</i>)	X	X	X	Journalism: Newspaper/Magazine
	X	X	Air Conditioning/Refrigeration – Theory & Practical Experience		X	X	Diagnostic Medical Imaging (Rad Tech)		X	X	Library Technician
	X	X	Air Conditioning/Refrigeration – Theory Only		X	X	Diesel Mechanics	X	X	X	Marketing
X	X	X	Architectural Design (Transfer)		X	X	Dietetics Program	X	X		Mathematics
X	X		Art		X	X	Digital Design and Publication	X	X	X	Medical Asst: Clinical and/or Admin. Certificate
	X	X	Auto Body Repair		X	X	Drafting – Architectural (Occupational)		X		Music
	X	X	Auto Mechanics	X	X		Drafting – Mechanical & Design (Occupational Program)		X	X	Commercial Music: Composer/Arranger
	X	X	Baking		X	X	Electrical Technology	X	X	X	Commercial Music: Professional Instrumentalist
X	X		Biological Sciences	X	X		Engineering	X	X	X	Commercial Music: Professional Technology
X	X	X	Business Administration	X	X	X	English	X	X	X	Commercial Music: Professional Vocalist
X	X	X	Business General		X	X	Family Consumer Studies	X	X	X	Commercial Music: Recording Engineer
X	X	X	Business Management		X	X	Fashion Design	X	X	X	Commercial Music: Record Producer
	X	X	Carpentry Technology /Trade Home Remodel & Repair		X		Fashion Design – Asst Designer	X	X	X	Commercial Music: Songwriter
X	X		Child Development	X	X	X	Fashion Design – Patternmaker ***	X	X	X	Nursing – RN – Associate Degree
	X	X	Child Development – Early Childhood Education			X	Fine Arts	X	X	X	Nursing – LVN to RN Career Ladder
	X		Child Dev. – School Age Child Care	X	X		Fire Science		X	X	Nursing – Vocational/Practical
				X	X	X	Fashion Design – Samplemaker ***	X	X	X	Office Assistant (<i>see: Note</i>)
				X	X	X	Fashion Merchandising		X	X	Photography
	X			X	X		Film	X		X	Photojournalism***

T	A	ACH	CERTIFICATES/DEGREES	T	A	ACH	CERTIFICATES/DEGREES
X	X		Physical Education/Recreation	X	X	X	Sheet Metal
X	X		Physical Sciences	X	X		Social Sciences
X	X	X	Radio/TV - Broadcast News	X	X		Speech Communication
		X	Radio/TV Multimedia Production***		X		Theatre Arts: General, Acting, & Technical Emphasis
X	X	X	Radio/TV – Performance		X	X	Tool Design/Manufacture Technology
X	X	X	Radio/TV - Producer		X	X	Welding Technology
X	X	X	Real Estate				

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.

***Effective for the 2011-2012 Academic year, the Certificate of Achievements for *Photojournalism* (Journalism), *Fashion Design – Patternmaker* (Fashion Design), *Fashion Design – Samplemaker* (Fashion Design), and *Radio/Television – Multimedia Production* (Radio/Television – Producer) have been merged into other curriculum guides.

CERTIFICATES OF ACCOMPLISHMENT

Name of Certificate	Curriculum Guide	Name of Certificate	Curriculum Guide
3D Studio MAX – Animation Technician	Drafting, Mechanical Design	Basic Presentations	Computer and Office Technology
3D Studio MAX – Modeling Technician	Drafting, Mechanical Design	Basic Spreadsheets	Computer and Office Technology
3D Studio MAX – Texture and Lighting Technician	Drafting, Mechanical Design	Basic Word Processing	Computer and Office Technology
3D Studio MAX – Technical Design Animator	Drafting, Mechanical Design		
Activity/Recreation Leadership Training	Human Services	Child Development—Early Childhood Education-Associate Teacher	Child Development: Early Childhood Education
Advanced Transportation Technology – Light Medium Duty Alternate Fuels	Advanced Transportation Technology – Alternate Fuels, Auto Mechanics	Child Development—Early Childhood Education-Assistant Teacher	Child Development: Early Childhood Education
Advanced Transportation Technology – Electric Vehicle	Advanced Transportation Technology – Electric Vehicle, Auto Mechanics	CAD Professional	Drafting, Mechanical Design
Advanced Transportation Technology – Heavy Duty Alternate Fuels	Advanced Transportation Technology – Alternate Fuels, Auto Mechanics	Carpenter Trainee	Carpentry
Application Developer	Computer Business Information Systems/Computer Science	Chemical Dependency	Human Services: Alcohol & Drug Studies
AutoCAD I, Fundamentals	Drafting, Mechanical Design	Child Development Permit Specialization-Child Behavior	Child Development: Early Childhood Education
AutoCAD II, Advanced Concepts	Drafting, Mechanical Design	Child Development Permit Specialization-Child Health & Safety	Child Development: Early Childhood Education
AutoCAD III, Visualization, Rendering, Animation	Drafting, Mechanical Design	Child Development Permit Specialization-Children w/ Exceptional Needs	Child Development: Early Childhood Education
Aviation Operations	Aeronautics Program	Child Development Permit Specialization-Curriculum in Early Childhood Education	Child Development: Early Childhood Education
Basic Business Communication	Computer and Office Technology	Child Development Permit Specialization-Family Child Care	Child Development: Early Childhood Education
Basic Computing Literacy	Computer and Office Technology	Child Development Permit Specialization-Infant/Toddler	Child Development: Early Childhood Education
Basic Computer and Office Skills	Computer and Office Technology	Child Development Permit Specialization-Early Literacy	Child Development: Early Childhood Education
Basic Customer Service	Computer and Office Technology	Child Development Permit Specialization-School Age	Child Development: Early Childhood Education
Basic Databases	Computer and Office Technology	Computer Tech A+ Preparation	Computer Business Information Systems/Computer Science
Basic Data Entry	Computer and Office Technology	Commercial Cake Decorating	Baking

Name of Certificate	Curriculum Guide	Name of Certificate	Curriculum Guide
Co-Occurring Disorders – Level One	Human Services: Alcohol & Drug Studies	Quick Service Tech – Tire Service	Auto Mechanics
Criminal Forensics	Administration of Justice	Radiologic Technology Fluoroscopy	Diagnostic Medical Imaging
Emergency Medical Technician	Medical Assistant	Real Estate-Appraisal	Real Estate
Family Development	Early Childhood Education	Real Estate-Lending	Real Estate
Food Preparation 1	Culinary Arts	Real Estate-Property Management	Real Estate
Food Preparation 2	Culinary Arts	Real Estate-Salesperson	Real Estate
Food Preparation 3	Culinary Arts	Studio Assistant	Recording Engineer, Record Producer
Food Service Sanitation	Baking, Culinary Arts	Traffic Signals Systems 1	Electrical Technology
Home Remodeling & Repair Technician	Carpentry	Vocational Media – Commercials	Theatre Arts
Information Security	Computer Business Information Systems/Computer Science	Vocational Media – Film Acting	Theatre Arts
Introduction to Chocolate	Culinary Arts	Vocational Media – Voice Over	Theatre Arts
Java Web Programmer	Computer Business Information Systems/Computer Science	Web Construction	Computer Business Information Systems/Computer Science
Medical Insurance Billing	Medical Assistant	Windows 2000 Network Administrator	Computer Business Information Systems/Computer Science
Microsoft Windows System Administrator	Computer Business Information Systems/Computer Science		
Microsoft Word	Computer and Office Technology		
Network Cabling Specialist	Electrical		
Network Installation	Electrical		
Network Installation and Design	Electrical		
Phlebotomy	Medical Assistant		
Pre-apprenticeship Training	Carpentry		
ProTools Assistant	Recording Engineer, Record Producer		
Quick Service Tech – Brake Inspections	Auto Mechanics		
Quick Service Tech – Lubrication Service	Auto Mechanics		

Note: The Assistant Administration, Computer Application Specialist, Customer Service Representative, Data Entry, and Office Assistant programs are now found under the Computer and Office Technology Curriculum Guide.

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