LONG BEACH CITY COLLEGE 2008-2009 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 Dev. – School Age Child Care		X	X	Floral Design
	X	X	Accounting Clerk		X	X	Child/Adult Dev. – Special Education Assist.	X	X	X	Food and Beverage Management
X	X	X	Administration of Justice	X	X	X	Computer Applications Specialist	X	X	X	Foreign Languages
	X	X	Administrative Assistant	X	X	X	Computer Prog (Bus. Info Systems & Comp. Science)		X	X	Horticulture
X	X		Advanced Transportation Technology: Alternate Fuels		X	X	Culinary Arts		X	X	Hotel Management
					X	X	Customer Service Representative	X	X	X	Human Services
X	X		Advanced Transportation Technology: Electric Vehicles	X	X		Dance		X	X	Human Services – Alcohol and Drug Studies
					X	X	Data Entry (Office Technologies)	X	X	X	Interior Design
X	X		Air Conditioning/ Refrigeration Theory & Practical Experience		X	X	Desktop/Media Publishing	X	X	X	Interior Design: Technical Skills
					X	X	Diagnostic Medical Imaging (Rad Tech)	X	X	X	Journalism: Newspaper/Magazine
	X	X	Air Conditioning/Refrigeration – Theory Only		X	X	Diesel Mechanics		X	X	Legal Secretary
X	X	X	Architectural Design (Transfer)		X	X	Dietetics Program		X		Liberal Arts
X	X	X	Art		X	X	Drafting – Architectural (Occupational)		X	X	Library Technician
	X	X	Auto Body Repair		X	X	Drafting – Mechanical & Design (Occupational Program)	X	X	X	Machine Operator/Manufacturing
	X	X	Auto Mechanics		X	X	Electrical Technology	X	X	X	Manufacturing Tool Technology
	X	X	Aviation Maintenance		X	X	Engineering	X	X	X	Marketing
	X	X	Baking	X	X		English	X	X		Mathematics
X	X		Biological Sciences	X	X	X	Family Consumer Studies	X	X		Mechanical Maintenance Technology
X	X	X	Business Administration	X	X	X	Fashion Design		X	X	Medical Asst: Clinical and/or Admin. Certificate
X	X	X	Business General		X	X	Fashion Design – Asst Designer		X	X	Medical Transcription
X	X	X	Business International			X	Fashion Design – Patternmaker	X	X		Music
X	X	X	Business Management			X	Fashion Design – Samplemaker		X	X	Commercial Music: Composer/Arranger
	X	X	Carpentry Technology /Trade Home Remodel & Repair	X	X	X	Fashion Merchandising	X	X	X	Commercial Music: Professional Instrumentalist
X	X	X	Child Development	X	X		Film	X	X	X	Commercial Music: Professional Technology
					X		Fine Arts	X	X	X	Commercial Music: Professional Vocalist
	X	X	Child Development – Early Childhood Ed.	X	X	X	Fire Science	X	X	X	Commercial Music: Recording Engineer

T	A	ACH	CERTIFICATES/DEGREES	T	A	ACH	CERTIFICATES/DEGREES	T	A	ACH	CERTIFICATES/DEGREES
				X	X		Physical Education/Recreation	X	X		Speech Communication
X	X	X	Commercial Music: Record Producer	X	X		Physical Sciences	X	X		Theatre Arts: General, Acting, & Technical Emphasis
X	X	X	Commercial Music: Songwriter	X	X	X	Radio/TV – Broadcast News		X	X	Tool Design/Manufacture Technology
X	X	X	Numerical Control Technician-Mfg. Tech.	X	X	X	Radio/TV – Multimedia Production		X	X	Welding Technology
X	X	X	Nursing – RN – Associate Degree	X	X	X	Radio/TV - Performance		X	X	Woodworking Technologies
X	X	X	Nursing – LVN to RN Career Ladder	X	X	X	Radio/TV - Producer		X	X	Word Processing Specialist
	X	X	Nursing – Vocational (LVN)	X	X	X	Real Estate				
	X	X	Office Assistant			X	Retail Management, Food Industry Emphasis				
X	X	X	Photography		X	X	Sheet Metal				
	X		Photojournalism	X	X		Social Sciences				

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	Basic Computing and Internet Literacy	Administrative Assistant, Computer Applications Specialist, Office Assistant
3D Studio MAX – Modeling Technician	Drafting, Mechanical Design	Basic Customer Service	Customer Service Representative
3D Studio MAX – Texture and Lighting Technician	Drafting, Mechanical Design	Basic Data Entry	Office Assistant, Word Processing
3D Studio MAX – Technical Design Animator	Drafting, Mechanical Design	Basic Legal Office Procedures	Administrative Assistant, Legal Secretary, Office Assistant
Activity/Recreation Leadership Training	Human Services	Basic Office Computer Skills	Office Assistant, Word Processing
Advanced Transportation Technology – Light Medium Duty Alternate Fuels	Advanced Transportation Technology – Alternate Fuels, Auto Mechanics	Basic Office Skills	Administrative Assistant, Legal Secretary, Office Assistant
Advanced Transportation Technology – Electric Vehicle	Advanced Transportation Technology – Electric Vehicle, Auto Mechanics	Basic Word Processing	Medical Transcription, Office Assistant, Word Processing
Advanced Transportation Technology – Heavy Duty Alternate Fuels	Advanced Transportation Technology – Alternate Fuels, Auto Mechanics	CAD Professional	Drafting, Mechanical Design
Application Developer	Computer Business Information Systems/Computer Science	Carpenter Trainee	Carpentry
AutoCAD I, Fundamentals	Drafting, Mechanical Design	Chemical Dependency	Child Development: Early Childhood Education
AutoCAD II, Advanced Concepts	Drafting, Mechanical Design	Child Development Permit Specialization-Child Behavior	Child Development: Early Childhood Education
AutoCAD III, Visualization, Rendering, Animation	Drafting, Mechanical Design	Child Development Permit Specialization-Curriculum in ECE	Child Development: Early Childhood Education
Aviation Operations	Aeronautic Program	Child Development Permit Specialization-Child Health & Safety	Child Development: Early Childhood Education
Baking and Pastry 1	Baking, Culinary Arts	Child Development Permit Specialization-Children w/ Exceptional Needs	Child Development: Early Childhood Education
Baking and Pastry 2	Baking, Culinary Arts	Child Development Permit Specialization-Family Child Care	Child Development: Early Childhood Education
Basic Business Communication	Administrative Assistant, Word Processing	Child Development Permit Specialization-Infant/Toddler	Child Development: Early Childhood Education

Name of Certificate	Curriculum Guide	Name of Certificate	Curriculum Guide
Child Development Permit Specialization-Early Literacy	Child Development: Early Childhood Education	Microsoft Windows System Administrator	Computer Business Information Systems/Computer Science
Child Development Permit Specialization-School Age	Child Development: Early Childhood Education	Microsoft Word	Administrative Assistant, Computer Application Specialist, Customer Service Representative, Legal Secretary, Office Assistant, Word Processing
Child Development—Early Childhood Education-Associate Teacher	Child Development: Early Childhood Education	Network Cabling Specialist	Electrical
Child Development—Early Childhood Education-Assistant Teacher	Child Development: Early Childhood Education	Network Installation	Electrical
Computer Tech A+ Preparation	Computer Business Information Systems/Computer Science	Network Installation and Design	Electrical
Commercial Cake Decorating	Baking, Culinary Arts	Nutrition for Culinary Arts	Culinary Arts
Commercial Formal Buffet	Culinary Arts	Oracle Developer (DBA) Associate	Computer Business Information Systems/Computer Science
Criminal Forensics	Administration of Justice	Oracle Developer Associate	Computer Business Information Systems/Computer Science
Emergency Medical Technician	Medical Assistant	Oracle Developer Professional	Computer Business Information Systems/Computer Science
Family Development	Early Childhood Education	Phlebotomy	Medical Assistant
Food Preparation 1	Baking, Culinary Arts	Pre-apprenticeship Training	Carpentry
Food Preparation 2	Culinary Arts	Professional Gourmet Cooking	Culinary Arts
Food Preparation 3	Culinary Arts	ProTools Assistant	Recording Engineer, Record Producer
Food Service Sanitation	Baking, Culinary Arts	Quick Service Tech – Brake Inspections	Auto Mechanics
Health Unit Coordinator	Medical Assistant	Quick Service Tech – Lubrication Service	Auto Mechanics
Home Remodeling & Repair Technician	Carpentry	Quick Service Tech – Tire Service	Auto Mechanics
Hotel, Restaurant: Institutional Cooking 1	Culinary Arts	Radiologic Technology Fluoroscopy	Diagnostic Medical Imaging
Hotel, Restaurant: Institutional Cooking 2	Culinary Arts	Real Estate-Appraisal	Real Estate
Information Security	Computer Business Information Systems/Computer Science	Real Estate-Lending	Real Estate
Introduction to Baking	Baking, Culinary Arts	Real Estate-Property Management	Real Estate
Introduction to Chocolate	Culinary Arts	Real Estate-Salesperson	Real Estate
Java Web Programmer	Computer Business Information Systems/Computer Science	Studio Assistant	Recording Engineer, Record Producer
Magnetic Resonance Imaging Technology	Diagnostic Medical Imaging	Traffic Signals Systems 1	Electrical Technology
Mammography	Diagnostic Medical Imaging	Vocational Media – Commercials	Theatre Arts
Medical Insurance Billing	Medical Assistant	Vocational Media -- Film Acting	Theatre Arts
Microsoft Access	Administrative Assistant, Computer Application specialist, Data Entry	Vocational Media – Voice-Over	Theatre Arts
Microsoft Excel	Administrative Assistant, Computer Application Specialist, Customer Service Representative, Office Assistant, Word Processing	Web Construction	Computer Business Information Systems/Computer Science
Microsoft Office	Administrative Assistant, Computer Applications Special list, Customer Service Representative, Office Assistant	Windows 2000 Network Administrator	Computer Business Information Systems/Computer Science