

LONG BEACH CITY COLLEGE 2005-2006 CERTIFICATE AND DEGREE PROGRAMS

Long Beach City College provides students with an instruction program in higher education that may culminate in a Completion Certificate, a Career Certificate, an Associate in Arts or an Associate in Science Degree, or appropriate preparation for transfer to a four-year college or university:

Certificate (Career or Completion) and/or Associate Degrees offered in the fields of concentration are listed below. The requirements for each field of concentration are listed on the curriculum guides available in the Counseling Center at the Liberal Arts and the Pacific Coast campuses, the website www.lbcc.edu, as well as the LBCC Catalog.

In addition, an alternate educational plan may be developed to meet the needs of individual students that would include two or more appropriately related subject areas. Such an alternate plan requires meeting with a LBCC counselor and the appropriate instructional dean.

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 public or private institution (e.g., 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.

CA = **Career Certificate** – 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 Completion. A Certificate of Completion certifies a competency in a given area and requires less than 18 units. A list of Certificates of Completion is on the reverse side.

T	A	CA	CERTIFICATES/DEGREES	T	A	CA	CERTIFICATES/DEGREES	T	A	CA	CERTIFICATES/DEGREES
X	X	X	Accounting	X	X	X	Child Development	X	X		Fine Arts
	X	X	Accounting Clerk		X	X	Child Dev. – Early Childhood Education	X	X	X	Fire Science
X	X	X	Administration of Justice		X	X	Child Dev. – School Age Child Care		X	X	Floral Design
	X	X	Administrative Assistant		X	X	Child Dev. – Special Education Assistant	X	X	X	Food and Beverage Management
	X	X	Advanced Transportation Technology - Alternate Fuels	X	X	X	Computer Applications Specialist	X	X	X	Foreign Languages
				X	X	X	Computer & Business Information Systems		X	X	Horticulture
	X	X	Advanced Transportation Technology - Electric Vehicles		X	X	Culinary Arts		X	X	Hotel Management
					X	X	Customer Service Representative	X	X	X	Human Services
	X	X	Air Conditioning – Theory & Practical Experience	X	X		Dance		X	X	Human Services – Alcohol & Drug Studies
					X	X	Data Entry	X	X	X	Interior Design
	X	X	Air Conditioning – Theory Only		X	X	Desktop/Media Publishing	X	X	X	Interior Design: Technical Skills
X	X	X	Architectural Design (Transfer)		X	X	Diagnostic Medical Imaging	X	X	X	Journalism
X	X		Art		X	X	Diesel Mechanics		X	X	Legal Secretary
	X	X	Auto Body		X	X	Dietetics Program	X	X		Liberal Arts
	X	X	Auto Mechanics		X	X	Drafting – Architectural (Occupational Program)		X	X	Library Technician
X	X		Aviation Administration (Transfer)		X	X	Drafting – Mechanical & Design (Occupational Program)	X	X	X	Machine Operator – Manufacturing Tech.
	X	X	Aviation Maintenance						X	X	Machine Tool Technology
X	X	X	Aviation (Professional Pilot)		X	X	Electrical Technology	X	X	X	Marketing
	X	X	Baking	X	X		Engineering	X	X		Mathematics
X	X		Biological Sciences	X	X		English		X	X	Mechanical Maintenance Technology
X	X	X	Business Administration	X	X	X	Family Consumer Studies		X	X	Medical Assisting Program
X	X	X	Business General	X	X	X	Fashion Design		X	X	Medical Transcription
X	X	X	Business International		X	X	Fashion Design – Assistant Designer		X		Music
X	X	X	Business Management			X	Fashion Design – Patternmaker		X	X	Commercial Music – Composer/Arranger
	X	X	Cabinet/Furniture Making			X	Fashion Design – Samplemaker	X	X	X	Commercial Music – Professional Instrumentalist
	X	X	Carpentry Technology /Trade Home Remodel & Repair	X	X	X	Fashion Merchandising	X	X	X	Commercial Music – Professional Technology
				X	X		Film				

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

Long Beach City College also offers Certificates of Completion. A Certificate of Completion 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 Completion Certificate.

CERTIFICATES OF COMPLETION

TITLE	CURRICULUM GUIDE(S)	TITLE	CURRICULUM GUIDE(S)
3D Studio MAX –Animation Technician	Drafting – Mechanical Design	Basic Customer Service	Customer Service Representative
3D Studio MAX – Modeling Technician	Drafting – Mechanical Design	Basic Data Entry	Data Entry
3D Studio MAX – Texture & Lighting	Drafting – Mechanical Design	Basic Legal Office Procedures	Legal Secretary
Activity/Recreation Leadership Training	Human Services		
Adult and Elder Care	Child Development, Child Dev. – School Age Child Care, Child Dev. – Special Education Assistant	Basic Microsoft Office	Administrative Assistant, Computer Applications Specialist, Office Assistant
Advanced Transportation Technology- Light-Medium Duty Alternate Fuels	Advanced Transportation Technology – Alternate Fuels, Auto Mechanics	Basic Office Computer Skills	Office Assistant, Word Processing
Advanced Transportation Technology- Electric Vehicles	Advanced Transportation Technology – Electric Vehicles, Auto Mechanics	Basic Office Skills	Administrative Assistant, Legal Secretary, Office Assistant
Advanced Transportation Technology- Heavy Duty Alternate Fuels	Advanced Transportation Technology – Alternate Fuels, Auto Mechanics	Basic Word Processing	Medical Transcription, Office Assistant, Word Processing
Air Reservation Specialist	Travel Industry	Cabinetmaker Trainee	Cabinet/Furniture Making
Application Developer	Computer & Business Info Systems/Computer Science	CAD Professional	Drafting – Mechanical Design
Applied Music Instructor	Music	Carpenter Trainee	Carpentry
AutoCAD I, Fundamentals	Drafting – Mechanical Design	Chemical Dependency	Human Services
AutoCAD II, Advanced Concepts	Drafting – Mechanical Design	Child Dev. Permit Specialization – Art For Children	Child Development – Early Childhood Education
AutoCAD III, Visualization, Rendering, Animation	Drafting – Mechanical Design	Child Dev. Permit Specialization – Child Health	Child Development – Early Childhood Education
Baking and Pastry 1	Baking, Culinary Arts	Child Dev. Permit Specialization – Children with Special Needs	Child Development – Early Childhood Education
Baking and Pastry 2	Baking, Culinary Arts	Child Dev. Permit Specialization – Family Child Care	Child Development – Early Childhood Education
Basic Business Communication	Administrative Assistant, Word Processing	Child Dev. Permit Specialization – Infant/Toddler	Child Development – Early Childhood Education
Basic Computing & Internet Literacy	Administrative Assistant, Computer Applications Specialist, Office Assistant		

TITLE	CURRICULUM GUIDE(S)	TITLE	CURRICULUM GUIDE(S)
Child Dev. Permit Specialization - Literacy	Child Development- Early Childhood Education	Intro to Chocolate	Baking, Culinary Arts
		Java Web Programmer	Computer & Business Info Systems/Computer Science
Child Dev. Permit Specialization - Multicultural	Child Development- Early Childhood Education	Mammography	Diagnostic Medical Imaging
		Medical Insurance Billing	Medical Assistant
Child Dev. Permit Specialization - Music	Child Development- Early Childhood Education	Microsoft Access	Administrative Assistant, Computer Applications Specialist, Data Entry
Child Dev. Permit Specialization School Age	Child Development- Early Childhood Education	Microsoft Windows System Administration	Computer & Business Info Systems/Computer Science
		Microsoft Word	Administrative Assistant, Computer Applications Specialist, Legal Secretary, Office Assistant, Word Processing
Child Dev. – Early Childhood Education: Associate Teacher	Child Development- Early Childhood Education	Network Cabling Specialist	Electrical Technology
		Network Installation	Electrical Technology
Child Dev. – Early Childhood Education: Assistant Teacher	Child Development- Early Childhood Education	Network Installation and Design	Electrical Technology
		Nurse Aide/Assistant	Vocational Nursing
Commercial Cake Decorating	Baking, Culinary Arts	Nutrition for Culinary Arts	Culinary Arts
Commercial Formal Buffet	Culinary Arts	Oracle Developer (DBA) Associate	Computer & Business Info Systems/Computer Science
COREL WordPerfect	Administrative Assistant, Legal Secretary, Medical Transcription, Office Assistant, Word Processing	Oracle Developer Associate	Computer & Business Info Systems/Computer Science
		Oracle Developer Professional	Computer & Business Info Systems/Computer Science
Criminal Forensics	Administration of Justice	Phlebotomy	Medical Assistant
Cruise Specialist	Travel Industry	Pre-apprenticeship Training	Carpentry
Emergency Medical Technician	Medical Assistant	Professional Gourmet Cooking	Culinary Arts
Family Development	Child Development, Child Dev. – School Age Child Care, Child Dev. – Special Education Assistant	ProTools Assistant	Recording Engineer, Record Producer
		Quick Service Tech - Brake Inspections	Auto Mechanics
Fashion Design Update	Fashion Design	Quick Service Tech – Lubrication Service	Auto Mechanics
Fluoroscopy	Diagnostic Medical Imaging	Quick Service Tech – Tire Service	Auto Mechanics
Food Preparation 1	Baking, Culinary Arts	Studio Assistant	Recording Engineer, Record Producer
Food Preparation 2	Culinary Arts	Technical Design Animator	Drafting – Mechanical Design
Food Preparation 3	Culinary Arts	Traffic Signals Systems 1	Electrical Technology
Food Service Sanitation	Baking, Culinary Arts	Travel Destinations	Travel Industry
Health Unit Coordinator	Medical Assistant	Travel Industry Management Specialist	Travel Industry
Home Health Aide	Vocational Nursing	Vocational Media – Commercials	Theatre Arts
Home Remodeling & Repair Technician	Carpentry	Vocational Media – Film Acting	Theatre Arts
Hotel, Restaurant: Institutional Cooking 1	Culinary Arts	Vocational Media – Voice-Over	Theatre Arts
Hotel, Restaurant: Institutional Cooking 2	Culinary Arts	Web Construction	Computer & Business Info Systems/Computer Science
Information Security	Computer & Business Info Systems	Windows 2000 Network Administrator	Computer & Business Info Systems/Computer Science
Intro to Baking	Baking, Culinary Arts		