



A Guide to Programs of Study

**WHAT'S YOUR MAJOR? WHAT ARE YOUR EDUCATIONAL GOALS?
YOU CAN SUCCEED AT LBCC! WE'LL HELP YOU.**

DO YOU WISH TO EARN AN ASSOCIATE DEGREE AT LONG BEACH CITY COLLEGE?

Choose a Program of Study, or Major that offers an Associate in Arts (AA) or Associate in Science (AS) Degree. To receive an Associate degree, complete:

- Course requirements for the Major you have selected
- General Education (Plan A) requirements (25 Units for AA and 19 Units for AS)
- Competency and/or Admission requirements

DO YOU WISH TO EARN AN ASSOCIATE DEGREE THAT CAN BE TRANSFERRED TO A FOUR-YEAR COLLEGE OR UNIVERSITY TO COMPLETE A BACHELOR'S DEGREE?

Choose a Program of Study, or Major, that offers an Associate in Arts for Transfer (AA-T) or Associate in Science for Transfer (AS-T) Degree.

- Complete 60 Units to transfer, following the GE patterns for the CSU or IGETC (Plans B or C)
- Receiving an Associate Degree for Transfer will guarantee you a spot in the CSU system.

OR ARE YOU PLANNING TO BUILD SKILLS FOR CURRENT OR FUTURE EMPLOYMENT BY EARNING A CERTIFICATE?

- Choose a program of study that offers a Certificate of Achievement (ACH) in a specific occupational area from a wide variety of Career and Technical Education (CTE) programs. Earn at least 18 Units that will be placed on your transcript.
- Or select a program that offers a Certificate of Accomplishment (ACC) that documents your new skills for employers. Certificate of Accomplishment requires less than 18 units.

// PROGRAMS OF STUDY

Associate in Arts Degree
 Associate in Science Degree
 Associate in Arts for Transfer Degree
 Associate in Science for Transfer Degree
 Certificate of Achievement
 Certificate of Accomplishment

AA
 AS
 AA-T
 AS-T
 ACH
 ACC

Administration of Justice - AS-T, AA, ACH	Business: Money and Banking - ACC	Digital Design and Publication - AA, ACH	Photojournalism - ACH
Criminal Forensics - ACC	Business: Logistics - ACC	Drafting: Architectural - AS	Kinesiology - AA-T
Public Services: TSA Associate - ACC	Child Development - Early Childhood Education - AS-T, AA, ACH	Drafting: Architectural: Core Skills - ACH	Athletic Coaching - ACH
Administrative Assistant - AS, ACH	CDCE: Assistant Teacher Certificate - ACC	Drafting: Architectural: Advanced Skills - ACH	Personal Trainer - ACH
Computer & Office Skills - ACC	CDCE: Family Development - ACC	Drafting: Mechanical - ACC	Library Technician - AA, ACH
Microsoft Office - ACC	Permit Specialization Area: Child Health and Safety - ACC	Drafting: Mechanical: Core Skills - ACH	Math - AS-T, AS
Computing & Internet Literacy - ACC	Permit Specialization Area: Children with Exceptional Needs - ACC	Drafting: Mechanical: Advanced Skills - ACH	Medical Assisting: Administrative/Clinical - AS, ACH
Business Digital Literacy - ACC	Permit Specialization Area: Family Child Care Certificate - ACC	AutoCAD I, Fundamentals - ACC	Medical Assisting: Administrative Option - ACH
Law Office Procedures - ACC	Permit Specialization Area: Infant/Toddler - ACC	AutoCAD II, Advanced Certificate - ACC	Medical Assisting: Clinical Option - ACH
Adv Trans Technology: Alternative Fuels - AS, ACH	Permit Specialization Area: Early Literacy - ACC	AutoCAD III, Visualization, Rendering, Animation - ACC	Emergency Medical Technician - ACH
Adv Trans Technology: Light/Medium Duty - ACC	Permit Specialization Area: School Age - ACC	AD Professional Certificate - ACC	Medical Insurance Billing - ACC
Adv Trans Technology: Heavy Duty - ACC	Permit Specialization Area: Curriculum in Early Childhood Education - ACC	Electrical Technology - AS, ACH	Phlebotomy - ACC
Adv Trans Technology: Electrical Vehicles - AS, ACH	Child Development: Special Ed - AA, ACH	Network Cabling Specialist - ACC	Metal Fabrication Technology - AS
Adv Trans Technology: Electrical Vehicles - ACC	Communication - AA-T, AA	Network Installation - ACC	Metal Fabrication Technology: Core Skills - ACH
Alcohol and Drug - AA, ACH	Computer Networking & Security - AS, ACH	Network Installation and Design - ACC	Metal Fabrication Technology: Advanced Skills - ACH
Co-Occurring Disorders - Level One - ACC	Microsoft Windows Networking Technician - ACC	Traffic Signal Systems - ACC	Robotic Welding Automation - ACC
Alcohol & Chemical Dependency - ACC	Cyber Security - ACC	Solar Photovoltaics Installation and Design - ACC	Music - AA-T, AA
Anthropology - AA-T	Computer Hardware Technician - ACC	Engineering - AS	Nursing LVN to RN - AS
Architectural Design - AS, ACH	Computer Network Technician - ACC	English - AA-T	Nursing LVN to RN - ACH
Art - AA	UNIX Network Administrator - ACC	Language & Literature - AA	Nursing: RN (ADN) - AS
Art History - AA-T	Computer Science - AS, ACH	Creative Writing - AA	Nursing: Vocation - AS, ACH
Studio Arts - AA-T	Android App Developer - ACC	Family & Consumer Sciences - AA, ACH	Nursing Assistant - ACC
Fundamentals of Digital Media Arts - ACC	Computer Technology - AS, ACH	Fashion Design - AA, ACH	Home Health Aide - ACC
Graphic Design - ACC	Culinary Arts - AS, ACH	Assistant Designer - AA, ACH	Philosophy - AA-T
Bakery and Pastry - AS, ACH	Customer Support - AS, ACH	Fashion Design: Patternmaker - ACH	Physical Sciences - AA/AS
Biological Sciences - AS	Business Communications - ACC	Fashion Design: Samplemaker - ACH	Political Science - AA-T
Business	Data Entry - ACC	Fashion Merchandising - ACH	Psychology - AA-T
Business Administration - AS-T	Dance - AA	Film - AA	RTV Producer - AA, ACH
Business: Accounting - AA, ACH	Database Management - AS, ACH	Fire Science - AS, ACH	Radio/Television Multimedia Production - ACH
Business: General Business - AA, ACH	Database Specialist - ACC	Floral Design - AA, ACH	RTV: Broadcast News - AA, ACH
Business: International Business - AA, ACH	Android App Developer - ACC	Foreign Language - AA, ACH	RTV: Performance - AA, ACH
Business: Management - AA, ACH	PHP Web Programmer - ACC	Spanish - AA-T	Social Sciences - AA
Business: Marketing - AA, ACH	Diagnostic Medical Imaging (Rad Tech) - AS, ACH	Geography - AA-T	Sociology - AA-T
Business: Foundations of Accounting - ACC	Computed Tomography - ACC	Geology - AS-T	Theater Arts
Business: Foundations of Business - ACC	Magnetic Resonance Imaging Technologist - ACC	History - AA-T	Theater Arts: General - AA
Business: Foundations of International Business - ACC	Dietetics	Horticulture - AS	Theater Arts: Acting Academy - AA
Business: Foundations of Management - ACC	Dietetic Service Supervisor - AA, ACH	Human Services - AA	Vocational Media: Film Acting - ACC
Business: Foundations of Marketing - ACC	Nutrition Assistant - AA	Journalism - AA-T	Vocational Media: Commercials - ACC
Business: Business Economics - ACC	Formula Room Technician - ACC	Journalism: Newspaper/Magazine Emphasis - AA	Vocational Media: Voice Over - ACC
		Journalism: Public Relations Emphasis - AA	Web Development - AS, ACH
		Journalism: Publication Specialist Emphasis - AA	PHP Web Programmer - ACC
			Android App Developer - ACC
			Mobile/Web Site Developer - ACC