

COMPUTER TECHNOLOGY

Curriculum Guide for Academic Year 2015-2016

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Students planning to **transfer** to a four-year college or university should refer to the ASSIST web site at www.assist.org and **consult a counselor** before beginning a program of study. Please call (562)938-4561 (LAC) or (562)938-3920 (PCC) to schedule a counseling appointment. Students may also wish to visit the Transfer Center on either campus.

Program of study leading to: **Associate in Science (A.S.) Degree**

COMPUTER TECHNOLOGY REQUIRED COURSES			UNITS	In Progress	Completed Grade
	COSA 50	Introduction to IT Concepts & Applications	4		
	COSN 5	Computer Technician Hardware Basics	4		
	COSP 7	Business Programming Logic & Design	4		
	COSP 8	Visual BASIC Programming	4		
	COSW 20	Dynamic HTML Web Construction	4		
†	CS 21	Java: Computer Science 1	4		
†	STAT 1/1H	Elementary Statistics	3		
†	MATH 50	Precalculus Math	5		
TOTAL			32		

For graduation with an **Associate in Science (A.S.) Degree with a major in Computer Technology**:

- Minimum Unit Requirements:** Any course that appears on a curriculum guide and the General Education Pattern (Plan A) may fulfill both major and general education requirements (Approved by College Curriculum Committee Spring 2012). For this degree, complete a minimum of 60 units in courses numbered 1-599. Please note that additional elective units may be required to meet this minimum based upon courses selected to fulfill General Education for the Associate Degree.

Computer Technology Major	32 Units
General Education/ A.S. §	19 Units
- Scholarship:** Maintain an **overall grade point average (GPA) of 2.0** ("C" average) based on all accredited college work applied to the degree, no matter where completed. For this **field of concentration, complete each course above** with a **grade of "C" or better**, or "P" if course is graded on a P/NP basis.
- Residence for the Degree:** Complete at least 12 semester units of the required 60 semester units in residence at Long Beach City College in order for the college to grant an Associate of Arts and/or an Associate of Science Degree.
- Residence for the Field of Concentration:** Complete fifty percent (50%) or more of the unit requirements for this field of concentration in residence; this means at **least 16 units** of the required 32 units must be **completed at Long Beach City College**. Credit earned by exam, where applicable, may be included.
- General Education and Proficiency Requirements:** Complete the required A.A./A.S. General Education and Proficiency requirements*, otherwise known as "Plan A". For Plan A requirements, refer to the general catalog or view it online at <http://osca.lbcc.edu>.
- General Education and Proficiency Requirements:** Complete the required A.A./A.S. General Education and Proficiency requirements*, otherwise known as "Plan A". For Plan A requirements, refer to the general catalog or view it online at <http://osca.lbcc.edu>.
- Complete and submit the degree application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at <http://admissions.lbcc.edu/>. Refer to the Schedule of Classes (<http://schedule.lbcc.edu>) and click the "Important Dates" link to view the actual deadline for each semester.

Associate Degree requirements continue on following page.

Associate Degree requirements continued from previous page.

*The requirements for general education/proficiency and the field of concentration (major) need to be from the same catalog year. This catalog year may be any year between the year of initial enrollment to the present, provided continuous enrollment is maintained throughout. See the catalog for definition of "continuous enrollment".

Career Opportunities

This **Associate Degree or Certificate of Achievement** is a two-year program leading to the Associate in Science (A.S.) degree. It is designed to prepare students for employment in a variety of computer related fields. Students wishing a bachelor's degree (transfer program) should meet with a counselor to discuss how this program fully articulates with Cal State Dominguez Hills' Computer Technology Program.

Program Mission and Outcomes

Prepare students for careers in a variety of Computer Technology related fields and enhance skills for those who are currently employed in that area.

Outcomes:

- To prepare students for transfer to baccalaureate-granting institutions.
- Provide educational and career opportunities in the computer technology field.

Legend

† This course has a prerequisite. Prerequisite courses must be complete with at least a "C" or "P" grade. Refer to the General Catalog (<http://www.lbcc.edu/cat/index.html>), the Schedule of Classes (<http://schedule.lbcc.edu/>), or the online Credit Course Outline (<http://wdb-asir.lbcc.edu/coursecurriculum/coursedetails/>) for specific prerequisite information.