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COMPUTER INFORMATION SYSTEMS

Pathway: Business & Civic Engagement
Office: C4 - Room 203D
Email: BCE@lattc.edu
Phone: (213) 763-7252

Award Title	Academic Plan	Award Type	GE Units	Required Course Units	Major Elective Units	Major Units
Computer Information Systems	T002900C	A.S.	21*	24	21	45
Computer Information Systems	T021839D	C		24	21	45

At least 60 degree applicable units are required to earn an Associate degree.
*GE Units requirements may be fulfilled by completing any General Education Pattern; please consult with a counselor for more details.
These programs are Financial Aid Eligible.

PROGRAM OVERVIEW

The Computer Information Systems program is designed to prepare students for careers in the exciting Information Technology fields such as programming, software engineering, database administration, computer networking, multimedia programming, and web programming technologies. Microcomputer usage continues to grow at an ever increasing pace as does the demand for workers with solid technical skills and knowledge of programming, networking, and website development and management. The primary goal of the program is to prepare students for entry-level employment as well as providing marketable career advancement knowledge and skills.

The Computer Information Systems Degree and Certificate are designed to prepare students for employment in many industries such as network engineering, software development, user support, web development, and database administration. These educational programs include transferable coursework.

Career opportunities for students completing these programs of study include, but are not limited to:
- Computer Programmers
- Web Developers
- Computer Network Support Specialists
- Computer User Support Specialists

By fulfilling the program requirements, students will have the necessary knowledge and skills for software development, web design, database development, business computer services, and computer networking.

PROGRAM LEARNING OUTCOMES (PLOs)

Upon completion of the **Degree/Certificate** program, students are able to:
- Create, debug, and comment computer programming codes in order to integrate multiple language constructs in a single project.
- Create business applications using advanced computer software.
- Identify and describe computer hardware, networking concepts, and computer software.

To register: http://www.lattc.edu/student-guides/new-student-guide
For additional information consult a LATTC college counselor.

COMPUTER INFORMATION SYSTEMS
Associate in Science Degree
Major Units: 45

Requirements for the Associate in Science degree in Computer Information Systems may be met by completing 24 units of Required Courses and 21 units of Major Electives with a "C" or better along with General Education units. Information on the General Education unit requirements may be found in the catalog under Graduation Requirements.

Students planning to continue studies at a four-year institution should consult with a counselor concerning a transfer curriculum.

REQUIRED COURSES

SEMESTER I		UNITS
CO INFO 700	Computer Concepts	3
CO INFO 701	Introduction to Computers and Their Uses	3
CO INFO 733	Microcomputer Database Programming	3
CO INFO 757	XHTML Programming and Applications	3

SEMESTER II		UNITS
CO INFO 739	Programming in C++	3
CO INFO 741	Programming in C#	3
CO INFO 762	Introduction to Javascript Programming	3
CO INFO 787	Network Essentials	3

SEMESTER III & IV		UNITS
Electives		21

MAJOR ELECTIVES

Select at least 21 units from the courses below		UNITS
CO INFO 011	Network Security Fundamentals	3
CO INFO 012	Web Security	3
CO INFO 035	Multimedia Presentations for the Internet I	3
CO INFO 040	Beginning Level Programming/Computer Games	3
CO INFO 042	Video Game Programming I	3
CO INFO 709	Visual Basic Programming	3
CO INFO 734	Operating Systems	3
CO INFO 743	Object-Oriented Programming in C++	3
CO INFO 750	Dreamweaver Concepts and Techniques	3
CO INFO 770	Local Area Network Administration	3
CO INFO 771	Local Area Network Technical Support	3
CO INFO 790	Programming in JAVA	3

COMPUTER INFORMATION SYSTEMS
Certificate of Achievement
Major Units: 45

A Certificate of Achievement in Computer Information Systems may be earned by completing 24 units of Required Courses and 21 units of Major Electives listed under the Associate degree in Computer Information Systems with a grade of "C" or better in each course.

USEFUL LATTC LINKS:

College Catalog, Class Schedule & more: http://www.lattc.edu/academic
Financial Aid Office: http://www.lattc.edu/services/financial-aid
Counseling Services & Support: http://www.lattc.edu/services/support
Business & Civic Engagement Pathway: http://www.lattc.edu/academics/pathways/bce

LOS ANGELES TRADE–TECH
LATTC
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400 W. Washington Blvd.
Los Angeles, CA 90015
www.lattc.edu
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