LANEY COLLEGE
Career & Technical Education

COMPUTER INFORMATION SYSTEMS

CERTIFICATES & DEGREES

The Computer Information Systems (CIS) Department at Laney College offers a wide-range in the application of computers to the developing needs of business and industry. Our courses prepare the learners for entry level positions, computer skills for employment in the industry, upgrade knowledge and skills for a current occupation, and continuing education training for job advancement for salary increase, and provides students with the computer skills necessary to find employment, and the analytic and technical knowledge necessary to progress to a four-year institution. It also offers courses in computer programming languages and systems that are transferable and articulated with UC and CSU schools.

Android Programming
Certificate of Achievement (16 Units)

CIS/Computer Programming
Associate of Science (60 Units)

Computer Information Science
Associate of Science (60 Units)

Computer Programming with C++
Certificate of Achievement (16 Units)

Computer Programming with JAVA
Certificate of Achievement (16 -17 Units)

Computer System Analysis
Certificate of Achievement (18-19 Units)

Database Management SQL
Certificate of Achievement (16-17 Units)

IOS Programming
Certificate of Achievement (16 Units)

Occupation	Annual Job Openings	2020-2025	% Change, 2020-2025	25th Hourly Earnings	Median Hourly Earnings	Yearly Salary
Network and Computer Systems Administrators	1,064	5,318	6%	$35.42	$44.40	$92,352.00
Information Security Analysts	613	3,066	24%	$43.95	$56.64	$117,811.20
Web Developers and Digital Interface Designers	1,115	5,577	7%	$25.16	$42.04	$87,443.20

Note that salaries can vary depending on factors such as location, experience, and industry. These numbers are meant to provide a general idea of what graduates can expect to earn and the career growth potential in these career fields. The salary data provided is from the Center of Excellence (COE) for Labor Market Research 2020-2025. The figures are for the Bay Area.

LEARNING OUTCOMES

1. Explain the purpose of systems analysis and design, life cycle of systems design, iterative, and waterfall development processes, object oriented analysis and design.
2. Gather data to identify client requirements and interpret and evaluate requirements for completeness, relevance, accuracy, and consistency. Clearly define problems, opportunities, or mandates that initiate projects, write clear and concise business requirements documents and convert them into technical specifications.
3. Design high-level logical system characteristics (user interface design, design of data and information requirements), and prototype system artifacts to implement a solution.

   ....and more.

Accessible for everyone
Our classes are only $46/unit. We offer substantial need-based financial support many students attend at no cost.

www.Laney.Edu/CIS
maps.forsuccess.laney.edu

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