

# NONCREDIT COMPUTER INFORMATION SYSTEMS

The Computer Information Systems Department at Las Positas College offers tuition-free, noncredit courses that provide a pathway into the Computer Information Systems and Computer Networking Technology credit programs specifically in the fields of cybersecurity and networking technologies.

## Noncredit Computer Information Systems Courses (NCIS)

### NCIS 201 CYBERSECURITY CAMP 0 UNITS

This course will introduce the novice to cybersecurity career opportunities, cyber ethics, online safety, and cyber threats. Students will be introduced to cybersecurity principles, virtual machines, basic Windows and Linux administration security policies, fundamental CISCO network routing and CISCO packet tracer. As a culminating activity students will compete by analyzing and fixing vulnerabilities on the provided Windows and Linux images. 40 hours.

Non-Degree Applicable, Noncredit Grading Option: P/NP/SP

### NCIS 201B CYBERSECURITY ADVANCED SKILLS 0 UNITS

This course will build upon the intro to cybersecurity camp. Review cybersecurity career opportunities, cyber ethics, online safety, and cyber threats. Students will build upon cybersecurity principles, virtual machines, basic Windows and Linux administration security policies, fundamental CISCO network routing and CISCO packet tracer. As a culminating activity students will compete by analyzing and fixing vulnerabilities on the provided Windows and Linux images. 40 hours.

Non-Degree Applicable, Noncredit Grading Option: P/NP/SP

### NCIS 202 CYBERSECURITY COMPETITION PREP 0 UNITS

This course prepares students to participate in cyber security competitions (CyberPatriot, National Cyber League, etc). Topics include an overview of cyber competitions, virtual machines, Linux operating systems and administration, Windows operating systems and administration, CISCO networking, and packet tracer. Through business scenarios, students will create checklists of potential vulnerabilities and work in teams to secure networks and sensitive data. 30 hours.

Non-Degree Applicable, Noncredit Grading Option: P/NP/SP

### NCIS 203 CYBERSECURITY 0 UNITS

## COMPETITION

This course allows students to participate in cyber security competitions (CyberPatriot, National Cyber League, etc). Topics include an overview of cyber competitions, virtual machines, Linux operating systems and administration, Windows operating systems and administration, CISCO networking, and packet tracer. Through business scenarios, students will create checklists of potential vulnerabilities and work in teams to secure networks and sensitive data. 30 hours.

Non-Degree Applicable, Noncredit Grading Option: P/NP/SP

### NCIS 210 ORIENTATION TO IT CAREERS 0 UNITS

This course enables students to analyze the field of information technology (IT). The class will include a survey of the IT professions, industry certifications, employment skills, definitions, associations, current issues, salaries, and self-assessment survey of skills and competencies. Students will be able to identify an IT program pathway at LPC. 18 hours.

Non-Degree Applicable, Noncredit Grading Option: P/NP/SP

### NCIS 244 IT FUNDAMENTALS + 0 UNITS

Information Technology Fundamentals+ (ITF+) is the essential qualification for exploring a career in IT. This course will cover the topics of the CompTIA IT Fundamentals certification, which validates the knowledge and skills required to identify and explain the basics of computing hardware and software, IT infrastructure, applications and software, software development concepts, database fundamentals, and security. Technologies and trends of the IT industry and the exploration of IT careers. This course will prepare you to take the CompTIA certification exam. 36 hours.

Non-Degree Applicable, Noncredit Grading Option: P/NP

# NONCREDIT ENGLISH

The English Department offers a tuition-free, noncredit English course that provides secondary-level reading and writing skills to prepare students for further college coursework, including in career and technical programs, and to support other academic, personal, and professional goals.

## Noncredit English Courses (NENG)

### NENG 204 INTEGRATED READING AND WRITING II 0 UNITS

An accelerated one-semester preparation in English for success in college. Integrates reading, critical thinking and writing assignments, using materials that present a variety of perspectives from across the curriculum. 108 hours.

Non-Degree Applicable, Noncredit Grading Option: P/NP