

## COURSES

### NONCREDIT COMPUTER INFORMATION SYSTEMS COURSES

#### 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. 15 hours lecture, 25 hours laboratory.

- Noncredit
- Grading Option: Pass/No Pass/Satisfactory Progress

#### 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. 15 hours lecture, 25 hours laboratory.

- Noncredit
- Grading Option: Pass/No Pass/Satisfactory Progress

#### 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. true hours lecture, 30 hours laboratory.

- Noncredit
- Grading Option: Pass/No Pass/Satisfactory Progress

#### NCIS 203 - CyberSecurity Competition

##### 0 units

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 laboratory.

- Noncredit
- Grading Option: Pass/No Pass/Satisfactory Progress

#### 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 laboratory.

- Noncredit
- Grading Option: Pass/No Pass/Satisfactory Progress

#### 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 lecture.

- Noncredit
- Grading Option: Pass/No Pass