



**KENTUCKY STATE  
UNIVERSITY**

# NETWORK PROFESSIONAL CERTIFICATE

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The School of Mathematics and Computer Science offers a course of study leading to a Certificate of Network Professional. The Certificate is available to students, regardless of major, who complete the specified coursework, and while prior technical/security experience, training, or education may be beneficial, other than additional courses that may be delineated.

It is suggested the student enrolling in these courses has completed either the Cisco CCNA Certification or has successfully completed: CIT 111, CIT 112, CIT 211, and CIT 212.

This certificate is for students wishing to work in the field of information technology as a network professional. The concepts and skills acquired in this program may assist a student to sit for the internationally recognized Cisco CCNP certification. All courses must be passed with a "C" or better. The Certificate requires the completion of:

| Course             | Title                         | Hours    |
|--------------------|-------------------------------|----------|
| <b>Year 1</b>      |                               |          |
| CIT 311            | Advanced Routing              | 3        |
| CIT 312            | Advanced LAN Switching        | 3        |
| CIT 412            | Optimizing Converged Networks | 3        |
| <b>Hours</b>       |                               | <b>9</b> |
| <b>Total Hours</b> |                               | <b>9</b> |