



Course Syllabus

Course #: CIT 2400

Course Name: Networking II

Division: Business Technologies

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Class Days:

Class Time:

Location: Classroom:

Laboratory:

Credit Hours: 4

Contact Hours: 7

Lab Hours: 5

Lecture Hours: 2

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Instructor:

Office Location:

Phone:

Email Address:

Office Hours:

Division Office/Location: B 104

Division Fax: 419-334-9414

Full-time Contact Person:

Phone(s):

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Course Description:

The curriculum for this course is based upon the Cisco Networking Academy Semesters 3 & 4. Students taking this course will be competent in more advanced topics including switching hardware functions and configurations for local area networks (LANs) and advanced TCP/IP topics including Variable Length Subnetting (VLSM), Network and Port Address Translation (NAT & PAT), and Dynamic Host Configuration Protocol (DHCP). Additional advanced Wide Area Networking topics such as Point-to-Point protocols (PPP) and introduction into circuit and packet switched networking protocols are covered. The course is intense with hands-on activities that include, but are not limited to, configuring switching hardware, advanced router configurations, and advanced trouble-shooting activities. After successful completion of this course, students should be in a position to take the ICMP CCNA certification exam—the final certification exam necessary to complete the CCNA certification. (Fall)

Prerequisite(s): CIT 1400

Corequisite(s):

Entry Level Skills and Knowledge:

**Required Texts, Supplies and Equipment:**

**Grading:**

**Learning Outcomes:**

General Education

Technical

**Assessment of Student Learning:**

Assessment Project and Measurement in course (if any):

**Plan of Work:**

Session            Date

Activities

**Course Requirements:**

## **Policies**

**Course Withdrawing:** If for any reason you need to withdraw from this course, be certain that you do so according to College procedure. It is your responsibility to know and follow this procedure. If you simply stop coming to class, without officially withdrawing from the course, your grade is an automatic “F.” Please follow official College procedure for withdrawing from this or any course.

*College Academic Policies are located in the College Catalog. A copy of the current catalog may be picked up in any of the division offices or admissions. The list of college policies is also available online at <https://www.terra.edu/register/Collegecat/policies.asp>.*

**Support Services:** The College offers a number of support services to assist in your success in this course and all courses. Among these services are the Writing & Math Center in B105, the Office of Learning Support Services, which coordinates the campus disability services and tutoring programs, the computer labs, and the computers in the atriums.

Any student who feels he/she may need an accommodation based on the documentation of a disability should contact the Office of Learning Support Services privately to discuss his/her specific issues. Please contact the OLSS at (419) 334-8400 X 208 or visit 100 Roy Klay Hall (Building A) to coordinate reasonable accommodations.

***If you have a documented disability and are receiving academic accommodations through the Office of Learning Support Services, please schedule a meeting with your instructor in a timely manner so that we may discuss how these services will be arranged.***

Tutoring services are available to students beginning the second week of every quarter. Students requesting tutoring services should obtain a tutor request form from the OLSS in 100 Roy Klay Hall (Building A) or online at the Terra website. Please note that instructor verification and acceptance of the Student Learner Agreement is necessary for all tutoring requests. All requests should be submitted to 100 Roy Klay Hall (Building A).