

South Plains College
Common Course Syllabus: ITCC 1344
Semester: Fall 2024
Revised 8/15/2024

Department: Computer Information Systems

Discipline: Technical Education Division and Arts and Sciences Division

Course Number: ITCC 1344

Course Title: CCNA2: Switching, Routing, and Wireless Essentials

Name: Michael Slaughter

Office Location: TC211 (Levelland) / LBC 120D (Lubbock Center)

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Office Phone: (806) 716-2242

Book a Meeting: [Book time with Slaughter, Michael H](#)

Course Sections:

Section: ITCC1344.001

Format: Flex (Hybrid)

Campus: Levelland

Classroom: TC107

Days: Monday

Lecture: Online

Lab: 01:00 – 04:50 PM

Course Description:

Describes the architecture, components, and operations of routers and switches in small networks and introduces wireless local area networks (WLAN) and security concepts; provides an in-depth understanding of how routers and switches operate and are implemented in the LAN environment.

Prerequisite: ITCC 1314

Credit: 3 Lecture: 2 Lab: 4

Textbook:

We will be using Cisco Network Academy Learning Management System and content in this course. The primary textbook is included in this solution and is free to the student. You will get access during the first week of class.

Recommended textbook if you want a physical textbook: [CCNA 200-301 Official Cert Guide Library by Wendel Odom](#)

Supplies:

- Reliable Internet Connection
- Computer with Windows OS (Recommended) or Mac OS (Not a Chromebook)
- Packet Tracer (latest edition, free through Cisco Network Academy)
- Google Chrome or Mozilla Firefox
- Headphones (bring to in-class labs)

Student Learning Outcomes:

Configure, secure, and maintain routers and switches; resolve common issues with routing protocols, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks; configure WLANs.

Student Learning Outcomes Assessment:

- Required reading assignments
- Required lecture videos
- Supplemental videos and/or reading
- Hands-on labs using Packet Tracer and other hardware/software
- Quizzes

- In-class lectures and discussions (as long as meeting is still safe and feasible)
- In-class hands-on labs (as long as meeting is still safe and feasible)
- Exams
- Comprehensive Final Hands-On Skills Exam
- Comprehensive Final Exam

Course Evaluation:

Students will be evaluated by assignments, exams, and projects.

Category	Percentage
Assignments (In-Class Labs, Hands-On Labs, Packet Tracers, etc)	30%
Module Exams	30%
Final (Hands-On and Exam)	40%

Attendance Policy:

Students are expected to attend all classes in order to be successful in a course.

Class attendance, even online, is extremely important in order to meet the objectives of this course. Students are responsible for initiating their own withdrawal/drop, if that becomes necessary. See the General Catalog Attendance Policy for additional information.

COVID-19:

For more information and resources about COVID-19, please visit:

<https://www.southplainscollege.edu/emergency/covid19-faq.php>

Plagiarism and Cheating:

Students are expected to do their own work on all projects, quizzes, assignments, examinations, and papers. Failure to comply with this policy will result in an F for the assignment and can result in an F for the course if circumstances warrant.

Plagiarism violations include, but are not limited to, the following:

1. Turning in a paper that has been purchased, borrowed, or downloaded from another student, an online term paper site, or a mail order term paper mill.

2. Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation.
3. Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them.
4. Missing in-text citations.

Cheating violations include, but are not limited to, the following:

1. Obtaining an examination by stealing or collusion.
2. Discovering the content of an examination before it is given.
3. Using an unauthorized source of information (notes, textbooks, text messaging, internet, apps) during an examination, quiz, or homework assignment.
4. Entering an office or building to obtain an unfair advantage.
5. Taking an examination for another.
6. Altering grade records.
7. Copying another's work during an examination or on a homework assignment.
8. Rewriting another student's work in Peer Editing so that the writing is no longer the original student's work.
9. Taking pictures of a test, test answers, or someone else's paper.

Withdrawal Policy:

Students who withdraw from the course will receive a grade of W. It is the student's responsibility to withdraw from this course. Otherwise, students will be assigned their earned letter grade at the end of the semester. Course averages will be updated regularly throughout the semester to aid students in deciding whether to drop the course.

- Please check the SPC academic calendar for the last day to withdraw/drop the course here: <https://www.southplainscollege.edu/academiccalendar/>
- For more information regarding drops/withdrawals, please visit: <https://www.southplainscollege.edu/admission-aid/apply/schedulechanges.php>
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Student-Owned Computer Equipment:

Students may choose to use their own computer equipment to complete the assigned coursework. SPC provides Microsoft Office to students for installation and use on their personal computers. The student's sole responsibility is to ensure their computer system meets the minimum requirements for all required or suggested software. It is also the student's sole responsibility to ensure their computer system is in working order, free of malware, and sufficient to complete the assigned coursework. Computer or system malfunction or failure is not an excuse for late coursework. The instructor is not liable for the student's computer maintenance and cannot troubleshoot or repair issues on student-owned computers. If students need computer assistance, they can contact the SPC student helpdesk.

SPC Help Desk:

- Telephone Number: Help Desk at (806) 716-2600
- E-mail: helpdesk@southplainscollege.edu
- Location: Library Lobby - Levelland
- Normal Hours: Monday - Friday: 8:00 a.m. - 4:00 p.m.

Student Code of Conduct Policy:

Any successful learning experience requires mutual respect on the part of the student and the instructor. Neither instructor nor student should be subject to others' behavior that is rude, disruptive, intimidating, aggressive, or demeaning. Student conduct that disrupts the learning process or is deemed disrespectful or threatening shall not be tolerated and may lead to disciplinary action and/or removal from class.

For more information regarding official South Plains College statements about diversity, disabilities, non-discrimination, Title IX pregnancy accommodations, and campus concealed carry, please visit: <https://www.southplainscollege.edu/syllabusstatements/>

IMPORTANT INFORMATION BELOW

Communication:

All communication outside our normal weekly class time for this course will be conducted through SPC email. All students must check their SPC student email accounts regularly for course updates and announcements. All replies to emails will be sent to the student's SPC email address. Please include your name, course name, and section number in all email communication.

Course Rigor:

This course will include multiple assignments, hands-on labs, quizzes, and exams. Please be aware that to succeed in this course, you must dedicate several hours each week to reading, studying, and completing the assigned coursework.

Reading Assignments, Online Lectures, and Supplemental Material:

This course will include multiple reading assignments, multiple online lectures, and some supplemental material. The student is expected to go through all this material each week. Revisiting previous weeks' reading and lectures will greatly benefit the students, helping them retain information. Students are encouraged to use good study habits to learn and memorize the necessary information.

Coursework:

Each week's coursework will be available through Blackboard and Cisco Networking Academy. Coursework is organized into weekly folders in Blackboard. Each folder will contain links to the reading, links to the lectures, links to submit hands-on labs, and links to submit quizzes and/or exams. The course calendar outlining due dates and times of availability is on Blackboard. **No late work is accepted for any reason!** You are expected to complete all homework assignments within the due dates indicated.

It is important for you to start coursework early in the week. Do not wait until the day it is due to start the coursework or report problems. If you report problems on an assignment's due date, the instructor is not obligated to re-open any assignments for you. Start your homework early in the week and complete it with time to spare!

Many hands-on labs will require you to install and utilize Packet Tracer. Packet Tracer can be downloaded and installed for free from Cisco Networking Academy. Check Blackboard for installation instructions.

Module Exams:

Module exams will cover material from multiple modules. These exams may include multiple-choice/answer, matching, essay, and other question types. Students should complete all coursework in the designated modules and study the material in those modules before taking the module exam. For in-class sections, module exams will be given in class during our normal class time. You must be present to take the module exam. For online sections, exams will be open for several days and must be completed by the due date indicated. **No late exams will be given.**

Final Exam:

This will include a written examination delivered through Cisco Networking Academy and a lab (hands-on/skills) exam. The written exam portion may include multiple-choice/answer, matching, essay, and other question types. The lab exam portion may include simulated lab scenarios to complete or in-class lab scenarios to complete. Unless otherwise indicated by the instructor, these exams will be given and completed in class.

Late-Work and Coursework Extensions:

No late coursework (in-class work, hands-on labs, module exams, etc.) will be accepted. No extensions will be given for any coursework. There are two exceptions to this policy.

- One, you are severely ill and/or hospitalized. If so, you must contact DeEtte Edens at dedens@southplainscollege.edu or (806) 716-2376 and submit the required documentation to her. She will notify me if the illness warrants an extension.
- Two, there is a verified service outage of the SPC Blackboard system and/or the Cisco Networking Academy system. A verified outage means the SPC Information Services department, the SPC Instructional Education department, and/or the Cisco Networking Academy system notify and acknowledge a substantial recorded downtime. If this occurs, an extension will be granted at the instructor's discretion.

Keep in mind that issues with the student's internet connection and/or computer equipment do not warrant an extension. Also, the instructor will administratively drop some grades at the end of the semester to cover the occasional times that students cannot complete coursework due to family issues, illness, and/or computer-related issues.

Gradebook:

Grades will be available in Blackboard and will be updated periodically throughout the semester.

Counseling:

If, at any point in the semester, you find yourself having trouble with stress or feel depressed, please stop in and see a counselor. Counseling services are available at all campuses. The number for the counseling office is 806-716-2366. Below is a link to SPC's personal counseling services.

<https://www.southplainscollege.edu/health/mentalhealthresources.php>

Note:

The instructor reserves the right to modify the course syllabus and policies and notify students of any changes during the semester.