



CIST 2452 Cisco Routing/Switching Essentials

COURSE SYLLABUS

Spring Semester 2019 (FY201914)

January 7, 2019 – May 2, 2019

COURSE INFORMATION

Credit Hours/Minutes: **4/4500**

Class Location: **Room 812 Medical Technology Building**

Lab Location: **Room 815 Medical Technology Building**

Class Meets: **Tuesday and Thursday, 10:15 AM– 12:00 PM**

Lab Meets: **Tuesday, 5:00 PM– 8:00 PM**

Course Reference Number (CRN): **40184**

Preferred Method of Contact: [John Taylor jtaylor@southeasterntech.edu](mailto:jtaylor@southeasterntech.edu)

INSTRUCTOR CONTACT INFORMATION

Instructor Name: **Mr. John Taylor**

Office Location: **Vidalia Campus, Gillis Building, Room 810**

Office Hours: **2:00 – 4:30 Monday - Thursday**

Email Address: [John Taylor jtaylor@southeasterntech.edu](mailto:jtaylor@southeasterntech.edu)

Phone: **912-538-3116**

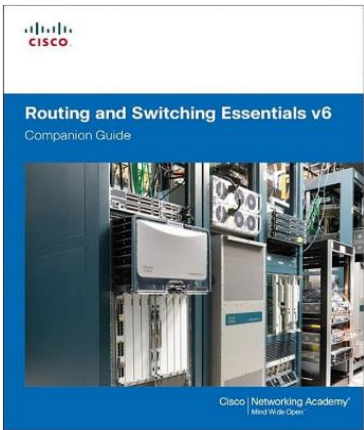
Fax Number: **912-538-3106**

Tutoring Hours (if applicable): **Made by appointment with instructor**

SOUTHEASTERN TECHNICAL COLLEGE'S (STC) CATALOG AND HANDBOOK

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College's [Catalog and Handbook](http://www.southeasterntech.edu/student-affairs/catalog-handbook.php) (<http://www.southeasterntech.edu/student-affairs/catalog-handbook.php>).

OPTIONAL TEXT

Book Image	Book Information
	<p>Routing and Switching Essentials v6, Companion Guide</p> <p>Bob Vachon, Allan Johnson</p> <p>ISBN-13: 978-1-58713-428-9</p> <p>©2017 • Cisco Press • hardback</p> <p>You can purchase from the STC bookstore Southeastern Technical College bookstore (stcbookstore@southeasterntech.edu) or 912-538-3129</p>

REQUIRED SUPPLIES & SOFTWARE

Must have computer with Internet Access

COURSE DESCRIPTION

This course describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. Topics include switched networks, routing concepts, routing in a switched network, static and dynamic routing, single-area OSPF, access control lists and IP Services (DHCP and NAT).

MAJOR COURSE COMPETENCIES/OUTLINE

Switched Networks, Routing Concepts, Routing in a Switched Network, Static and Dynamic Routing, Single-Area OSPF, Access Control Lists, and IP Services (DHCP and NAT).

PREREQUISITE(S)

CIST 2451

GENERAL EDUCATION CORE COMPETENCIES

Southeastern Technical College has identified the following general education core competencies that graduates will attain:

1. The ability to utilize standard written English.
2. The ability to solve practical mathematical problems.
3. The ability to read, analyze, and interpret information.

STUDENT REQUIREMENTS

- **Students are expected to come prepared for each class meeting, focused and ready to learn.** This means that it is necessary to read the chapters and work outside of class in order to succeed in this course. A detailed lesson schedule has been provided at the end of this syllabus.
- **Students MUST wear their STC id; one free lanyard is provided in the student affairs division. Students may NOT enter the classroom without their student id visible. This is strictly enforced.**
- Students should complete all work shown on the attached tentative lesson schedule by the scheduled deadlines, unless otherwise notified of a change in deadline.
- Homework will be collected for a grade. **Homework assignments will not be graded after the due date; a zero will be assigned if homework is not submitted on or before the due date.**
- There may be graded in class activities planned in which you will not be able to participate if you are not prepared for that day's class.
- **Unannounced quizzes or in-class assignments are subject to be given every day. A grade of zero will be assigned for any quizzes or in class assignments missed. There will be no makeup of quizzes or in class assignments; a grade of zero will be assigned.**
- Please make every effort to be in class every day. However, if you are SICK and CONTAGIOUS, please do not come to class.
- Students are expected to complete all tests, labs, and other assignments on the dates specified on the attached lesson schedule.
- Instructor reserves the right to modify the tentative lesson schedule attached to this syllabus with notice.
- Students should subscribe to remind.com for reminder from the instructor via email or text. Instructions will be provided to students.
- Students are responsible for policies and procedures included in the STC Catalog and Handbook must acknowledge this by completing the PLEDGE Discussion Topic on Blackboard the first day of class.

ATTENDANCE GUIDELINES

Class attendance is a very important aspect of a student's success. Being absent from class prevents students from receiving the full benefit of a course and interrupts the learning process. Southeastern Technical College considers both tardiness and leaving early as types of absenteeism. Responsibility for class attendance rests with the student. Regular and punctual attendance at all scheduled classes is required for student success. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Instructors have the right to give unannounced quizzes/assignments. Students who miss an unannounced quiz or assignment will receive a grade of 0. Students who stop attending class, but do not formally withdraw, may receive a grade of "F" (Failing 0-59) and face financial aid repercussions in upcoming semesters.

Instructors are responsible for determining whether missed work may be made up and the content and dates for makeup work is at the discretion of the instructor.

Students will not be withdrawn by an instructor for attendance; however, all instructors will keep records of graded assignments and student participation in course activities. The completion dates of these activities will be used to determine a student's last date of attendance in the event a student withdraws, stops attending, or receives an "F" in a course.

STUDENTS WITH DISABILITIES

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact the appropriate campus coordinator to request services.

Swainsboro Campus: Macy Gay mgay@southeasterntech.edu, 478-289-2274, Building 1, Room 1208

Vidalia Campus: Helen Thomas hthomas@southeasterntech.edu, 912-538-3126, Building A, Room 108

SPECIFIC ABSENCES

Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

PREGNANCY

Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please make arrangements with the appropriate campus coordinator.

Swainsboro Campus: Macy Gay mgay@southeasterntech.edu, 478-289-2274, Building 1, Room 1208

Vidalia Campus: Helen Thomas hthomas@southeasterntech.edu, 912-538-3126, Building A, Room 108

It is strongly encouraged that requests for consideration be made **PRIOR** to delivery and early enough in the pregnancy to ensure that all the required documentation is secured before the absence occurs. Requests made after delivery **MAY NOT** be accommodated. The coordinator will contact your instructor to discuss accommodations when all required documentation has been received. The instructor will then discuss a plan with you to make up missed assignments.

EXIT EXAM

All IT Professional diploma and degree students are required to pass the Capstone Exam of CIST2452 at the end of the semester. Students must score 70% or better on the Capstone Exam to successfully complete the course. Students scoring below 70 will be required to retake CIST2452.

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% portion of the semester (date will be posted on the school calendar) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. A grade of "W" (Withdrawn) is assigned when the student completes the withdrawal form from the course.

Students who are dropped from courses due to attendance (see your course syllabus for attendance policy) after drop/add until the 65% point of the semester will receive a "W" for the course. Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of "F" being assigned.

After the 65% portion of the semester, the student will receive a grade for the course. (Please note: A zero will be given for all missed assignments.)

There is no refund for partial reduction of hours. Withdrawals may affect students' eligibility for financial aid for the current semester and in the future, so a student must speak with a representative of the Financial Aid Office to determine any financial penalties that may be assessed due to the withdrawal. All grades, including grades of 'W', will count in attempted hour calculations for the purpose of Financial Aid.

Remember - Informing your instructor that you will not return to his/her course does not satisfy the approved withdrawal procedure outlined above.

MAKEUP GUIDELINES (TESTS, QUIZZES, HOMEWORK, PROJECTS, ETC.)

Students are required to take all tests scheduled during the semester. Failure to take Tests/Exam(s), and assignments will result in a grade of zero. There will be no makeup of assignments or EXAMS. If Internet or browser failure occurs, contact instructor immediately. A decision will be made at that time if the assignment/exam will be reset. Instructor reserves the right to deduct points from the scores for exceeding the scheduled time limit on the assignment/exam. Note: If student notifies instructor about problems because of technical issues after the due date or on the last day of the semester, the student will NOT be allowed to make-up the assignment. No exceptions! Assignments must be turned in on the assigned date and will not be accepted late, a grade of zero will be given. All Assignments are due according to the lesson plan. The due dates are posted on the lesson plan. Weeks start on Monday and end on Sunday with assignments due on Wednesday at midnight of the following week. See Lesson Plan. Makeups are not allowed for unannounced quizzes/assignments.

ACADEMIC DISHONESTY POLICY

The Southeastern Technical College Academic Dishonesty Policy states that all forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline. The policy can also be found in the Southeastern Technical College Catalog and Handbook.

PROCEDURE FOR ACADEMIC MISCONDUCT

The procedure for dealing with academic misconduct and dishonesty is as follows:

1. First Offense

Student will be assigned a grade of "0" for the test or assignment. Instructor keeps a record in course/program files and notes as first offense. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus. The Registrar will input the

incident into Banner for tracking purposes.

2. Second Offense

Student is given a grade of "WF" (Withdrawn Failing) for the course in which offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Registrar will input the incident into Banner for tracking purposes.

3. Third Offense

Student is given a grade of "WF" for the course in which the offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of third offense. The Vice President for Student Affairs, or designee, will notify the student of suspension from college for a specified period of time. The Registrar will input the incident into Banner for tracking purposes.

STATEMENT OF NON-DISCRIMINATION

The Technical College System of Georgia and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member or citizenship status (except in those special circumstances permitted or mandated by law). This school is in compliance with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin; with the provisions of Title IX of the Educational Amendments of 1972, which prohibits discrimination on the basis of gender; with the provisions of Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap; and with the American with Disabilities Act (ADA).

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies:

American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer	Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1 st Street, Vidalia Office 108 Phone: 912-538-3126 Email: Helen Thomas hthomas@southeasterntech.edu	Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1 st Street, Vidalia Office 138B Phone: 912-538-3230 Email: Lanie Jonas ljonas@southeasterntech.edu

ACCESSIBILITY STATEMENT

Southeastern Technical College is committed to making course content accessible to individuals to comply with the requirements of Section 508 of the Rehabilitation Act of Americans with Disabilities Act (ADA). If you find a problem that prevents access, please contact the course instructor.

GRIEVANCE PROCEDURES

Grievance procedures can be found in the Catalog and Handbook located on Southeastern Technical College's website.

ACCESS TO TECHNOLOGY

Students can now access Blackboard, Remote Lab Access, Student Email, Library Databases (Galileo), and BannerWeb via the mySTC portal or by clicking the Current Students link on the [Southeastern Technical College's Website \(www.southeasterntech.edu\)](http://www.southeasterntech.edu).

TECHNICAL COLLEGE SYSTEM OF GEORGIA (TCSG) GUARANTEE/WARRANTY STATEMENT

The Technical College System of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.

GRADING POLICY

Assessment/Assignment	Percentage
Packet Tracer Activities	15%
Lab Activities	10%
Chapter Exams	25%
Practice Exams	5%
Hands-on/Skills Exam (Capstone)	20%
Comprehensive Final	25%

GRADING SCALE

Letter Grade	Range
A	90-100
B	80-89
C	70-79
*D	60-69
*F	0-59

*Grade of D or below results in student repeating the class

SYLLABUS ADDENDUM-

Please note the following classroom courtesies, which are designed to maximize the classroom experience for you and your classmates.

- Class begins promptly at the start time shown on your schedule.
 - Please make arrangements to be here on time.
 - Attendance is taken daily at the beginning of class.
 - The classroom door is locked as a safety precaution; therefore arriving late will be disruptive and inconsiderate to your instructor and your fellow classmates. Expect to wait if you arrive late and a lecture is in progress.
 - Failure to be present and accounted for at the beginning of class may result in missing an unannounced quiz, for which there are **NO MAKEUPS**.
- In an attempt to simulate a work environment, please notify your instructor if you are absent by emailing or leaving a voice message. To avoid telephone tag, please do not leave a message for your instructor to call you back. Leave a message with the information regarding your absence. You would call in to your workplace if you were going to be absent from your job; class is preparation for the workplace. See instructor contact information on the syllabus.
- **The classroom is a learning environment; enter the classroom quietly EVERY DAY. Conversations should take place in the student center or outside. You will be asked to leave if you disrupt the class; this includes sleeping.**
- **EVERY DAY**--Please turn your cell phone on silent when in the classroom. In emergencies, please go outside the building to make or receive a call. If your phone interrupts class by ringing or vibrating, you will be asked to leave class.
- Also, no texting is allowed during class; you will be asked to leave class. Texting during an exam, in particular, may result in an academic dishonesty policy violation being noted in your records.
- **No food or drinks are allowed in the classroom.** Bottled drinks may be kept in your book bag or on

the floor. They should never be open or consumed in the classroom. Do **not** bring an open can or cup into the classroom. If you have a medical condition that requires a snack or drink, you should see Helen Thomas, Room 108 Vidalia Campus, 912-538-3126, to coordinate reasonable accommodations.

- Please dress appropriately for class. You may be asked to leave if dressed inappropriately, and you will be counted absent. **Regardless of current fashion trends or the time you awoke for class, no hats, caps, scarves, etc. covering the head are allowed in the classroom. This refers to both ladies and gentlemen.**

DISCLAIMER STATEMENTS

Instructor reserves the right to change the syllabus and/or lesson plan as necessary.

The official copy of the syllabus is located inside the student's online course shell or will be given to them during face to face class time the first day of the semester. The syllabus displayed in advance of the semester in a location other than the course you are enrolled in is for planning purposes only.

CIST 2452 Routing and Switching Essentials

LESSON PLAN

Spring Semester 2019 (FY201914)

January 7, 2019 – May 2, 2019

You should have purchased the companion guide for this course. The curriculum can and should be accessed thru the Cisco NetSpace CMS as well. The online curriculum includes all interactive learning activities and provides an additional way to help your learn the course material. You will complete your chapter quizzes, exams and comprehensive final using the Cisco Network Academy NetSpace website. You should have received an email stating your addition/registration for this course. Once you get logged in, I encourage you to download and install the Packet Tracer software (if you don't already have it installed). This is an excellent program that you will need to complete assignments as well as learn the concepts covered in this course. Contact your instructor if you have any questions.

WEEK 1

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday January 8		Class Introduction – Syllabi, Outline, Work Ethics, Rules, and Regulations Coverage Introduction	Verify NetSpace login. Discuss Packet Tracer. Review Web curriculum.	
Lab		No Lab today!		
Thursday January 10			Verify NetSpace login. Test Drive Packet Tracer. Review Course Introduction (NetSpace) Read Chapter 1 (Use NetSpace)	a,c

***Week 1 assignments must be completed and turned in before midnight February 13.**

WEEK 2

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday January 15	1	Routing Concepts	Lecture and Discussion using Web Curriculum(NetSpace)	2 a,c
Lab		No Lab today!		2 a,c
Thursday January 17			Packet Tracer: Configuring IPv4 and IPv6 Interfaces Packet Tracer: Configuring and Verifying a Small Network Packet Tracer: Investigating Directly Connected Routes Take Chapter 1 Exam on NetSpace. Read Chapter 2 (Use NetSpace and book).	2 a,c

***Week 2 assignments must be completed and turned in before midnight February 13.**

WEEK 3

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Monday January 21		Holiday - No class today!!!!		
Tuesday January 22	2	Static Routing	Lecture and Discussion using Web Curriculum(NetSpace)	2,4 a,c
Lab			Lab: Configuring Basic Router Settings with IOS CLI Lab: Configuring IPv4 Static and Default Routes Lab : Configuring IPv6 Static and Default Routes	2,4 a,c
Thursday January 24			Packet Tracer: Configuring IPv4 Static and Default Routes Packet Tracer: Configuring IPv6 Static and Default Routes Packet Tracer: Configuring Floating Static Routes Packet Tracer: Troubleshooting Static Routes Take Chapter 2 Exam on NetSpace. Read Chapter 3 (Use NetSpace and book).	2,4 a,c

***Week 3 assignments must be completed and turned in before midnight February 13.**

WEEK 4

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday January 29	3	Dynamic Routing	Lecture and Discussion using Web Curriculum(NetSpace)	2,4,5 a,c
Lab			Lab: Configuring Basic RIPv2	2,4,5 a,c
Thursday January 31			Packet Tracer: Configuring RIPv2 Take Chapter 3 Exam on NetSpace. Read Chapter 4 (Use NetSpace and book).	2,4,5 a,c

***Week 4 assignments must be completed and turned in before midnight February 13.**

WEEK 5

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday February 5		Review Chapters 1-3	Finish any Packet Tracer Assignments or Exams for chapters 1-3	2,4,5 a,c
Lab		Catchup Lab	Finish any labs for chapters 1-3	2,4,5 a,c
Thursday February 7		Review Chapters 1-3	Finish any Packet Tracer Assignments or Exams for chapters 1-3	2,4,5 a,c

***Week 5 assignments must be completed and turned in before midnight February 13.**

WEEK 6

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday February 12	4	Switched Networks	Lecture and Discussion using Web Curriculum(NetSpace)	1 a,c
Lab		No Lab today!		
Thursday February 14			Take Chapter 4 Exam on NetSpace. Read Chapter 5 (Use NetSpace and book).	1 a,c

***Week 6 assignments must be completed and turned in before midnight March 13.**

WEEK 7

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday February 19	5	Switch Configuration	Lecture and Discussion using Web Curriculum(NetSpace)	1 a,c
Lab			Lab: Configuring Basic Switch Settings Lab: Configuring Switch Security Features	1 a,c
Thursday February 21			Packet Tracer: Configuring SSH Instruction Packet Tracer: Configuring Switch Port Security Packet Tracer: Troubleshooting Switch Port Security Packet Tracer: Skills Integration Challenge Take Chapter 5 Exam on NetSpace. Read Chapter 6 (Use NetSpace and book).	1 a,c

***Week 7 assignments must be completed and turned in before midnight March 13.**

WEEK 8

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday February 26	6	VLANs	Lecture and Discussion using Web Curriculum(NetSpace)	1,3 a,c
Lab			Lab: Configuring VLANs and Trunking Lab: Troubleshooting VLAN Configurations Lab: Configuring Per-Interface Inter-VLAN Routing Lab: Configuring 802.1Q Trunk-Based Inter-VLAN Routing	1,3 a,c
Thursday February 28			Packet Tracer: Configuring VLANs Packet Tracer: Configuring Trunks Packet Tracer: Troubleshooting a VLAN Implementation-Scenario 1 Packet Tracer: Troubleshooting a VLAN Implementation-Scenario 2 Packet Tracer: Configuring Router-on-a-stick Inter-VLAN Routing Packet Tracer: Inter-VLAN Routing Challenge Packet Tracer: Skills Integration Challenge Take Chapter 6 Exam on NetSpace. Read Chapter 7 (Use NetSpace and book).	1,3 a,c

***Week 8 assignments must be completed and turned in before midnight March 13.**

WEEK 9

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday March 5		Review Chapters 4-6	Finish any Packet Tracer Assignments or Exams for chapters 4-6	1,3 a,c
Lab		No Lab today!	Finish any labs for chapters 4-6	1,3 a,c
Thursday March 7		Review Chapters 4-6	Finish any Packet Tracer Assignments or Exams for chapters 4-6	1,3 a,c

***Week 9 assignments must be completed and turned in before midnight March 13.**

WEEK 10

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday March 12	7	Access Control Lists	Lecture and Discussion using Web Curriculum(NetSpace)	6 a,c
Lab			Lab: Configuring and Verifying Standard IPv4 ACLs Lab: Configuring and Verifying VTY Restrictions	6 a,c
Thursday March 14			Packet Tracer: Configuring Standard IPv4 ACLs Packet Tracer: Configuring Named Standard IPv4 ACLs Packet Tracer: Configuring an IPv4 ACL on VTY Lines Packet Tracer: Troubleshooting Standard IPv4 ACLs Packet Tracer: Skills Integration Challenge Take Chapter 7 Exam on NetSpace. Read Chapter 8 (Use NetSpace and book).	6 a,c

***Week 10 assignments must be completed and turned in before midnight April 17.**

WEEK 11

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday March 19	8	DHCP	Lecture and Discussion using Web Curriculum(NetSpace)	7 a,c
Lab			Lab: Configuring Basic DHCPv4 on a Router Lab: Configuring Basic DHCPv4 on a Switch Lab: Troubleshooting DHCPv4 Lab: Configuring Stateless and Stateful DHCPv6 Lab: Troubleshooting DHCPv6	7 a,c
Thursday March 21			Packet Tracer: Configuring DHCPv4 Using Cisco IOS Packet Tracer: Skills Integration Challenge Take Chapter 8 Exam on NetSpace. Read Chapter 9 (Use NetSpace and book).	7 a,c

***Week 11 assignments must be completed and turned in before midnight April 17.**

WEEK 12

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday March 26	9	NAT for IPv4	Lecture and Discussion using Web Curriculum(NetSpace)	7 a,c
Lab			Lab: Configuring Dynamic and Static NAT Lab: Configuring Port Address Translation (PAT) Lab: Troubleshooting NAT Configurations	7 a,c
Thursday March 28			Packet Tracer: Configuring Static NAT Packet Tracer: Configuring Dynamic NAT Packet Tracer: Implementing Static and Dynamic NAT Packet Tracer: Configuring Port Forwarding on a Wireless Router Packet Tracer: Skills Integration Challenge Take Chapter 9 Exam on NetSpace. Read Chapter 10 (Use NetSpace and book).	7 a,c

***Week 12 assignments must be completed and turned in before midnight April 17.**

WEEK 13

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
April 1 – April 7		-- Spring Holidays -- No class this week!!!	No assignments this week!	

WEEK 14

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday April 9		Review Chapters 7-9	Finish any work for chapters 7-9	6,7 a,c
Lab			Finish any labs for chapters 7-9	6,7 a,c
Thursday April 11		Review Chapters 7-9	Finish any work for chapters 7-9	6,7 a,c

***Week 14 assignments must be completed and turned in before midnight April 17.**

WEEK 15

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday April 16	10	Device Discovery, Management, and Maintenance Schedule Hands-on Final	Lecture and Discussion using Web Curriculum (NetSpace)	1,2,3,4,5,6,7 a,c
Lab			Lab: Configuring CDP and LLDP Lab: Configuring Syslog and NTP Lab: Managing Router Configuration Files with Terminal Emulation Software Lab: Managing Device Configuration Files using TFTP, Flash, and USB Lab: Researching Password Recovery Procedures	1,2,3,4,5,6,7 a,c
Thursday April 18			Packet Tracer: Map a Network Using CDP Packet Tracer: Configure and Verify NTP Packet Tracer: Configuring Syslog and NTP Packet Tracer: Backing Up Configuration Files Packet Tracer: Using a TFTP Server to Upgrade a Cisco Image Packet Tracer: Skills Integration Challenge Take Chapter 10 Exam on NetSpace.	1,2,3,4,5,6,7 a,c

***Week 15 assignments must be completed and turned in before midnight May 1.**

WEEK 16

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday April 23		Hands-on Finals (in Lab)		1,2,3,4,5,6,7 a,c
Lab		Hands-on Finals (in Lab)		1,2,3,4,5,6,7 a,c
Thursday April 25		Hands-on Finals (in Lab)		1,2,3,4,5,6,7 a,c

***Week 16 assignments must be completed and turned in before midnight May 1.**

WEEK 17

Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Tuesday April 30		Final Review (Optional)/		1,2,3,4,5,6,7 a,c
Thursday May 2		Proctored Final Exam (In classroom) Semester Ends	Complete Course feedback assessment and Comprehensive Final Assessment <u>in class!</u>	1,2,3,4,5,6,7 a,c

***Week 17 assignments must be completed and turned in before midnight May 2.**

COMPETENCY AREAS:

1. Switched Networks
2. Routing Concepts
3. Routing in a Switched Network
4. Static and Dynamic Routing
5. Single-area OSPF
6. Access Control Lists
7. IP Services(DHCP and NAT)

GENERAL CORE EDUCATIONAL COMPETENCIES:

- a) The ability to utilize standard written English.
- b) The ability to solve practical mathematical problems.
- c) The ability to read, analyze, and interpret information.

Students are responsible for all information contained in this lesson plan. This lesson plan is subject to change at instructor's discretion.