



TENTATIVE—SUBJECT TO CHANGE

**CIST2451 Introduction to Networks
COURSE SYLLABUS
Fall Semester 2019 (202012)
August 13, 2019 – December 4, 2019**

COURSE INFORMATION

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

Class Location: **Room 812 Gillis Building, Vidalia Campus/Lab is in Room 815**

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

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

CRN: **20094**

Preferred Method of Contact: **STC Email**

INSTRUCTOR CONTACT INFORMATION

Instructor Name: **John Taylor**

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

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

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

Phone: **(912) 538-3116**

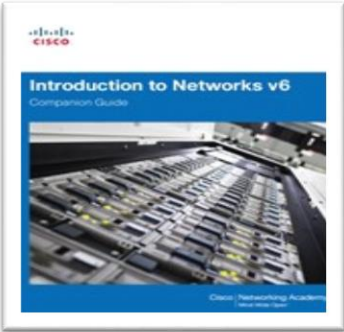
Fax Number: **(912) 538-3106**

Tutoring Hours: **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>Introduction to Networks v6 Companion Guide</p> <p>ISBN-13: 978-1-58713-360-2 ISBN-10: 1-58713-360-1</p> <p>©2017 • Cisco Press • Paper, 704 pp</p> <p>You can purchase from the STC bookstore STC Bookstore or 912-538-3129.</p>

REQUIRED SUPPLIES & SOFTWARE

Internet Access is required.

Students should not share login credentials with others and should change passwords periodically to maintain security.

COURSE DESCRIPTION

This course provides students with classroom and laboratory experience in current and emerging network technology. Topics include basics of communication, converged networks, OSI and TCP/IP network models, Application layer protocols, services, and applications, Transport layer protocols and services, Network layer addressing and routing concepts, IPv4 and IPv6, calculating IPv4 subnets, Data Link layer and the encapsulation process, Physical layer components and data encoding, Ethernet and network protocol analysis, network cabling, and basic network configuration.

MAJOR COURSE COMPETENCIES

Network Basics, Application Layer Protocol, Services, and Applications; Transport Layer Protocols and Services; Network Layer Addressing and Routing Concepts; Ethernet and Media Access Control; Network Cabling; and Basic Network Configuration.

PREREQUISITE(S)

Program Admission

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.
- Students are expected to prove weekly academic engagement by meeting assignment deadlines each week and spending a minimum of **4 hours per week** during the semester doing the required homework, quizzes, and tests.
- Instructor reserves the right to modify the tentative lesson schedule attached to this syllabus with notice.

EMAILS

Preferred method of communication should be through student MAIL. Make sure that you always type your name and class in the subject line of every email you send me so I know which class you are in. For example:

CIST2451 Taylor

Students are expected to communicate frequently through college email and/or discussion boards. College email is accessed at <https://portal.office.com>, under Quick links on our webpage, or in the menu of our Blackboard course.

CHECKING GRADES

A grade book is made available in the BLACKBOARD course on the main page by clicking the MY GRADES link when students log in. This grade book is for students to review and is continuously updated throughout the semester. Students can view their grades at any time to see the individual grades for each assignment. The overall percentage averages should display in the grade book to help track course progress.

NO HARM NO FOUL POLICY

It is the student's responsibility to drop courses during the first three days by completing a withdrawal form with a Counselor in Student Affairs. If a student comes to class during the first three days or any day during this time, the student will be dropped with no penalty **only if** they have completed the Withdrawal Form with Student Affairs by the close of business on the third business day of the quarter. **The student must formally withdraw from classes in order to receive the no harm-no foul benefit.**

TRADITIONAL 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 also 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, \(mgay@southeasterntech.edu\)](mailto:mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1208

Vidalia Campus: [Helen Thomas, \(hthomas@southeasterntech.edu\)](mailto: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, \(mgay@southeasterntech.edu\)](mailto:mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1208

Vidalia Campus: [Helen Thomas, \(hthomas@southeasterntech.edu\)](mailto: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.

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% point of the term in which student is enrolled (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 for the course(s) when the student completes the withdrawal form.

Important – Student-initiated withdrawals are not allowed after the 65% point. After the 65% point of the term in which the student is enrolled, the student has earned the right to a letter grade and will receive a grade for the course. Please note: Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of "F" (Failing 0-59) being assigned.

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

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 also speak with a representative of the Financial Aid Office to determine any financial penalties that may be assessed due to the withdrawal. A grade of "W" will count in attempted hour calculations for the purpose of Financial Aid.

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

Students are required to complete all assignments and take all tests scheduled during the semester. Failure to take Tests/Exam(s), and complete 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 typically start on Monday and end on Sunday with assignments due on Wednesday at 11:55 PM of the following week. See Lesson Plan for details. 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 (TCSG) and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, gender, 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 nondiscrimination policy encompasses the operation of all technical college-administered programs, federally financed programs, educational programs and activities involving admissions, scholarships and loans, student life, and athletics. It also applies to the recruitment and employment of personnel and contracting for goods and services.

All work and campus environments shall be free from unlawful forms of discrimination, harassment and retaliation as outlined under Title IX of the Educational Amendments of 1972, Title VI and Title VII of the Civil Rights Act of 1964, as amended, the Age Discrimination in Employment Act of 1967, as amended, Executive Order 11246, as amended, the Vietnam Era Veterans Readjustment Act of 1974, as amended, Section 504 of the Rehabilitation Act of 1973, as amended, the Americans With Disabilities Act of 1990, as amended, the Equal Pay Act, Lilly Ledbetter Fair Pay Act of 2009, the Georgia Fair Employment Act of 1978, as amended, the Immigration Reform and Control Act of 1986, the Genetic Information Nondiscrimination Act of 2008, the Workforce Investment Act of 1998 and other related mandates under TCSG Policy, federal or state statutes.

The Technical College System and Technical Colleges shall promote the realization of equal opportunity

through a positive continuing program of specific practices designed to ensure the full realization of equal opportunity.

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 \(STC\) 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
Comprehensive Final	25%
Hands-on Skills Final	25%
Chapter Tests/Quizzes	20%
Packet Tracer Assignments	15%
Lab Assignments	15%

GRADING SCALE

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

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.**

CIST 2451 Introduction to Networks
LESSON PLAN
FALL Semester 2019 (FY 202012)

You should have purchased a book for this course. The curriculum can and should be accessed thru the Cisco NetSpace as well. This online curriculum includes all interactive learning activities and provides an additional way to help you 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 with information on logging in and setting up your account. Once you get logged in, I encourage you to download and install the Packet Tracer software. This is an excellent program that you will need installed to complete assignments as well as learn the concepts covered in this course. Contact your instructor if you have any questions. All necessary Packet Tracer and Lab files can be downloaded from course page.

Key: Aug = August, Sept = September, Oct=October, Nov=November, Dec= December

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 1 Tuesday Aug 13		Class Introduction – Syllabi, Outline, Work Ethics, Rules, and Regulations Coverage	Class: Complete Pledge and Student Introduction on Blackboard!!! Sign Disclosure forms. Verify NetSpace login. Check email and setup NetSpace account. Review Course Introduction (book and online)	1,7 A,C
Lab		Review Syllabus, Cisco NetSpace, and Packet Tracer	Review Course Syllabus, Cisco NetSpace, and Packet Tracer Sign Disclosure forms.	1,7 A,C
Thursday Aug 15			Class: Test Drive Packet Tracer. Do Chapter 1 Packet Tracer Activities on NetSpace	1,7 A,C
			Homework: Download and Install Packet Tracer software at home. (see Student Resources link) Take Pretest Exam on NetSpace. Read Chapter 1 – Explore the Network	1,7 A,C

Week 1 assignments must be completed and turned in before midnight Aug 21.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 2 Tuesday Aug 20	1	Explore the Network	Class: Lecture and Discussion.	1,2,3 A,C
Lab			Lab: Complete <u>Hands-on Labs</u> for Chapter 1 in Networking Lab.	1,2,3 A,C
Thursday Aug 22			Class: Lecture and Discussion. Start Chapter 1 <u>Packet Tracer Activities</u> and submit in NetSpace	1,2,3 A,C
			Homework: Take Chapter 1 <u>Exam</u> on NetSpace. Complete Chapter 1 <u>Packet Tracer Activities</u> and submit in NetSpace Read Chapter 2 – Configuring a Network Operating System	1,2,3 A,C

Week 2 assignments must be completed and turned in before midnight Sep 4.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 3 Tuesday Aug 27	2	Configuring a Network Operating System	Class: Lecture and Discussion	1,4,6 A,C
Lab			Lab: Complete <u>Hands-on Labs</u> for Chapter 2 in Networking Lab.	1,4,6 A,C
Thursday Aug 29			Class: Lecture and Discussion. Start Chapter 2 <u>Packet Tracer Activities</u> and submit in NetSpace	1,4,6 A,C
			Homework: Take Chapter 2 <u>Exam</u> on NetSpace. Complete Chapter 2 <u>Packet Tracer Activities</u> and submit in NetSpace Read Chapter 3 – Network Protocols and Communication	1,4,6 A,C

Week 3 assignments must be completed and turned in before midnight Sep 11.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 4 Monday Sep 2	H	HOLIDAY (Labor Day)		
Tuesday Sep 3	3	Network Protocols and Communications	Class: Lecture and Discussion	1,5 A,C
Lab			Lab: Complete <u>Hands-on Labs</u> for Chapter 3 in Networking Lab.	1,5 A,C
Thursday Sep 5			Class: Lecture and Discussion. Start Chapter 3 <u>Packet Tracer Activities</u> submit in NetSpace	1,5 A,C
			Homework: Take Chapter 3 <u>Exam</u> on NetSpace. Complete Chapter 3 <u>Packet Tracer Activities</u> and submit in NetSpace Read Chapter 4 – Network Access	1,5 A,C

Week 4 assignments must be completed and turned in before midnight Sep 18.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 5 Tuesday Sep 10	4	Network Access	Class: Lecture and Discussion.	1,4 A,C
Lab			Lab: Complete <u>Hands-on Labs</u> for Chapter 4 in Networking Lab.	1,4 A,C
Thursday Sep 12			Class: Lecture and Discussion. Start Chapter 4 <u>Packet Tracer Activities</u> and submit in NetSpace	1,4 A,C
			Homework: Take Chapter 4 <u>Exam</u> on NetSpace. Complete Chapter 4 <u>Packet Tracer Activities</u> and submit in NetSpace Read Chapter 5 – Ethernet	1,4 A,C

Week 5 assignments must be completed and turned in before midnight Sep 25.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 6 Tuesday Sep 17	5	Ethernet	Class: Lecture and Discussion	1,3 A,C
Lab			Lab: Complete Hands-on Labs for Chapter 5 in Networking Lab.	1,3 A,C
Thursday Sep 19			Class: Lecture and Discussion. Start Chapter 5 Packet Tracer Activities and submit in NetSpace	4 A,C
			Homework: Take Chapter 5 Exam on NetSpace. Complete Chapter 5 Packet Tracer Activities submit in NetSpace Read Chapter 6 – Network Layer	1,3,4 A,C

Week 6 assignments must be completed and turned in before midnight Oct 2.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 7 Tuesday Sep 24	6	Network Layer	Class: Lecture and Discussion	4 A,C
Lab			Lab: Complete Hands-on Labs for Chapter 6 in Networking Lab.	4 A,C
Thursday Sep 26		Sign up for Hands-on Final this week!!!!	Class: Lecture and Discussion. Start Chapter 6 Packet Tracer Activities and submit in NetSpace	4 A,C
			Homework: Take Chapter 6 Exam on NetSpace. Complete Chapter 6 Packet Tracer Activities submit in NetSpace Read Chapter 7 – IP Addressing	4 A,C

Week 7 assignments must be completed and turned in before midnight Oct 9.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 8 Tuesday Oct 1			Catch-up day	1,2 A,C
No Lab			No Lab	1,2 A,C
Thursday Oct 3			Catch-up day	1-7 A,C
			Read Chapter 7 – IP Addressing	1-7 A,C

Week 8 assignments must be completed and turned in before midnight Oct 9.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 9 Tuesday Oct 8	7	IP Addressing	Class: Lecture and Discussion	1,2 A,C
Lab			Lab: Complete <u>Hands-on Labs</u> for Chapter 7 in Networking Lab.	1,2 A,C
Thursday Oct 10			Class: Lecture and Discussion. Start Chapter 7 <u>Packet Tracer Activities</u> and submit in NetSpace	1-7 A,C
			Homework: Take Chapter 7 <u>Exam</u> on NetSpace. Complete Chapter 7 <u>Packet Tracer Activities</u> and submit in NetSpace Read Chapter 8 – Subnetting IP Networks	1-7 A,C

Week 9 assignments must be completed and turned in before midnight Oct 23.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 10 Tuesday Oct 15	8	Subnetting IP Networks	Class: Lecture and Discussion	1,2 A,C
Lab			Lab: Complete Hands-on Labs for Chapter 8 in Networking Lab.	1,2 A,C
Thursday Oct 17			Class: Lecture and Discussion. Start Chapter 8 Packet Tracer Activities and submit in NetSpace	1-7 A,C
			Homework: Take Chapter 8 Exam on NetSpace. Complete Chapter 8 Packet Tracer Activities and submit in NetSpace Read Chapter 9 – Transport Layer	1-7 A,C

Week 10 assignments must be completed and turned in before midnight Oct 30.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 11 Tuesday Oct 22	9	Transport Layer	Class: Lecture and Discussion	1,2 A,C
Lab			Lab: Complete Hands-on Labs for Chapter 9 in Networking Lab.	1,2 A,C
Thursday Oct 24			Class: Lecture and Discussion. Start Chapter 9 Packet Tracer Activities and submit in NetSpace	1-7 A,C
			Homework: Take Chapter 9 Exam on NetSpace. Complete Chapter 9 Packet Tracer Activities and submit in NetSpace Read Chapter 10 – Application Layer Operating System	1-7 A,C

Week 11 assignments must be completed and turned in before midnight Nov 6.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 12 Tuesday Oct 29	10	Application Layer	Class: Lecture and Discussion	1,2 A,C
Lab			Lab: Complete <u>Hands-on Labs</u> for Chapter 10 in Networking Lab.	1,2 A,C
Thursday Oct 31		Sign up for Hands-on Final this week!!!!	Class: Lecture and Discussion. Start Chapter 10 <u>Packet Tracer Activities</u> and submit in NetSpace	1-7 A,C
			Homework: Take Chapter 10 <u>Exam</u> on NetSpace. Complete Chapter 10 <u>Packet Tracer Activities</u> and submit in NetSpace Read Chapter 11 – Build a Small Network	1-7 A,C

Week 12 assignments must be completed and turned in before midnight Nov 13.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 13 Tuesday Nov 5	11	Build a Small Network	Class: Lecture and Discussion Read Chapter 11 (Use web curriculum if possible)	1,2 A,C
Lab		Sign up for Hands-on Final this week!!!!	Lab: Complete <u>Hands-on Labs</u> for Chapter 11 in Networking Lab.	1,2 A,C
Thursday Nov 7			Class: Lecture and Discussion. Start Chapter 11 <u>Packet Tracer Activities</u> and submit in NetSpace	1-7 A,C
			Homework: Take Chapter 11 <u>Exam</u> on NetSpace. Complete Chapter 11 <u>Packet Tracer Activities</u> and submit in NetSpace Complete <u>PT Practice Skills Exam</u>	1-7 A,C

Week 13 assignments must be completed and turned in before midnight Nov 20.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 14 Tuesday Nov 12	1-11		Hands-on Final	1,2 A,C
Lab			Hands-on Final	1,2 A,C
Thursday Nov 14			Hands-on Final	1-7 A,C
			Homework: Study for Final Exam	1-7 A,C

Week 14 assignments must be completed and turned in before midnight Dec 4.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 15 Tuesday Nov 19	1-11		Hands-on Final	1-7 A,C
No Lab			Hands-on Final	1-7 A,C
Thursday Nov 21			Hands-on Final	1-7 A,C
			Homework: Study for Final Exam.	1-7 A,C

Week 15 assignments must be completed and turned in before midnight Dec 4.

Week/Date	Chapter	Content	Assignments & Test Due Dates	Competency Area
Week 16 Tuesday Nov 26	1-11		Review for Final Exam	1-7 A,C
Lab			Classroom Review for Final Exam	1-7 A,C
Week 17 Tuesday Dec 3			Take <u>Comprehensive Final Exam</u> in Room 812.	1-7 A,C
Tuesday Dec 3		Comprehensive Final in Classroom – No books!!!	Take <u>Comprehensive Final Exam</u> in Room 812.	1-7 A,C

Week 16/17 assignments must be completed and turned in before midnight Dec 4.

COMPETENCY AREAS:

1. Network Basics
2. Application Layer Protocols and Services
3. Transport Layer Protocols and Services
4. Network Layer Addressing and Routing Concepts
5. Ethernet and Media Access Control
6. Network Cabling
7. Basic Network Configuration

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.