



Graduate Course Syllabus

IT 641: Telecommunications for Business

Center: Online

Course Prerequisites

IT-500 or IT-510 or permission of instructor

Course Description

This course is an introduction to telecommunications technology, standards, policy and strategy for business managers in a global environment. Topics covered include the basics of data communications and networking, uses and applications of telecommunications and the convergence of data communications and other types of communications. These include phone, multi-media and other systems. Technology and standards of telecommunications are covered in this course from the perspective of business managers.

Course Outcomes

- Basic computer communication concepts
- Telecommunications operations and management
- Common features of computer-based communication systems and their functions
- Relationship of telecommunications to business strategy
- Protection and security in a networked environment
- Telecommunications standards

Required Materials

Using your learning resources is critical to your success in this course. Please purchase directly through SNHU's online bookstore, [MBS Direct](#), rather than any other vendor. Purchasing directly from the bookstore ensures that you will obtain the correct materials and that the Help Desk, your advisor, and the instructor can provide you with support if you have problems.

Telecommunications Essentials

Lillian Goleniewski

Addison-Wesley Longman, Inc.

2nd Edition

2007

ISBN: 978-0-321-42761-8

Instructor Availability and Response Time

Your class interaction with the instructor and your classmates will take place in Blackboard on a regular, ongoing basis. Your instructor will be actively engaged within the course throughout the week. You will normally communicate with your instructor in the weekly discussions or the General Questions forum in Blackboard so that your questions and the instructor's answers benefit the entire class. You should feel free, however, to communicate with your instructor via SNHU email at any time, particularly when you want to discuss something of a personal or sensitive nature. Your instructor will generally provide a response within 24 hours.

Grade Distribution

Assignment Category	Number of Graded Items	Point Value per Item	Total Points
Journal	Summative (8)	285	285
Discussion Boards	10	30	300
Short Papers	10	35	350
		Total Course Points:	935

This course may also contain practice activities. The purpose of these non-graded activities is to assist you in mastering the learning outcomes in the graded activity items listed above.

University Grading System: Graduate

<i>Total Points: 935</i>				
Grade	Numerical Equivalent	Points	Points Equivalent	
			<i>Lower</i>	<i>Upper</i>
A	93-100	4.00	870	935
A-	90-92	3.67	842	869
B+	87-89	3.33	813	841
B	83-86	3.00	776	812
B-	80-82	2.67	748	775
C+	77-79	2.33	720	747
C	73-76	2.00	683	719
F	0-72	0.00	0	682
I	Incomplete			
IF	Incomplete/Failure*			
W	Withdrawn			

*Please refer to the [policy page](#) for information on the incomplete grade process.

Grading Guides

Specific activity directions, grading guides, posting requirements, and additional deadlines can be found in the Course Information area in the Assignment Guidelines and Rubrics folder.

Weekly Assignment Schedule

The Learning Modules area in Blackboard contains one module folder for each week of the course. All reading and assignment information can be found in the folders. Assignments and discussion board posts during the first week of each term are due by 11:59 p.m. Eastern Time. Assignments and discussion posts for the remainder of the term are due by 11:59 p.m. of the student's local time zone.

In addition to the textbook readings that are listed, there may be additional required resources within each module in Blackboard.

Module	Topics and Assignments
1	Telecommunications Fundamentals <i>Telecommunications Essentials</i> , Chapters 1 and 2 1-1 Discussion: Telecommunications Fundamentals 1-2 Journal: Complete This Journal Activity 1-3 Research: Complete This Research Activity 1-4 Short Paper: Complete This Short Paper Assignment
2	Current Telecommunication-enabled Capabilities <i>Telecommunications Essentials</i> , Chapters 3 and 4 2-1 Discussion: Current Telecommunication-Enabled Capabilities 2-2 Journal: Complete This Journal Activity 2-3 Short Paper: Complete This Short Paper Assignment
3	Data Communications <i>Telecommunications Essentials</i> , Chapter 5 3-1 Discussion: Data Communications 3-2 Journal: Complete This Journal Activity 3-3 Research: Complete This Research Activity 3-4 Short Paper: Complete This Short Paper Assignment
4	LANs <i>Telecommunications Essentials</i> , Chapter 6 4-1 Discussion: LANs 4-2 Journal: Complete This Journal Activity 4-3 Short Paper: Complete This Short Paper Assignment
5	WANS and Wireless WANS <i>Telecommunications Essentials</i> , Chapters 7 and 14 5-1 Discussion: WANS and Wireless WANS 5-2 Journal: Complete This Journal Activity 5-3 Research: Complete This Research Activity 5-4 Short Paper: Complete This Short Paper Assignment
6	IP Infrastructure and IP Services <i>Telecommunications Essentials</i> , Chapters 8 and 9 6-1 Discussion: IP infrastructure and IP Services 6-2 Journal: Complete This Journal Activity 6-3 Short Paper: Complete This Short Paper Assignment

7	Next Generation Networks <i>Telecommunications Essentials</i> , Chapter 10 7-1 Discussion: Next Generation Networks 7-2 Research: Complete This Research Activity 7-3 Short Paper: Complete This Short Paper Assignment
8	Broadband <i>Telecommunications Essentials</i> , Chapter 12 8-1 Discussion: Broadband 8-2 Journal: Complete This Journal Activity 8-3 Research: Complete This Research Activity 8-4 Short Paper: Complete This Short Paper Assignment
9	Optical Networking <i>Telecommunications Essentials</i> , Chapter 11 9-1 Discussion: Optical Networking 9-2 Research: Complete This Research Activity 9-3 Short Paper: Complete This Short Paper Assignment
10	Wireless Communication <i>Telecommunications Essentials</i> , Chapters 13 and 14 10-1 Discussion: Wireless Communication 10-2 Journal: Complete This Journal Activity 10-3 Short Paper: Complete This Short Paper Assignment

Attendance Policy

Online students are required to post to the Blackboard discussion board during the first week of class. If a student does not submit a posting to the discussion board during the first week of class, the student is automatically withdrawn from the course for non-participation. Review the [full attendance policy](#).

Late Assignments Policy

Meeting assigned due dates is critical for demonstrating progress and ensuring appropriate time for instructor feedback on assignments. Students are expected to submit their assignments on or before the due date. Review the [full late assignment policy](#).

SNHU College of Online and Continuing Education Guide to Student Success

Review the [guide to student success](#).

Diversity and Disability Statement

The College of Online and Continuing Education (COCE) at SNHU values diversity and inclusion. SNHU strives to create inclusive and welcoming academic environments. If there are aspects of the instruction or design of this course that present barriers to your inclusion, please notify the Disability Resource Center (DRC) as soon as possible. We will work with you and your instructor to address needs and concerns.

We encourage all students with known or suspected physical, medical, sensory, psychiatric, and/or learning disabilities to register with the Disability Resource Center (DRC) in order to assess learning needs and take advantage of available academic accommodations and support services. We look forward to hearing from you. Our contact information is below.

Disability Resource Center (DRC)

(866) 305-9430

(877) 520-8916 (fax)

drc@snhu.edu

We welcome COCE students, faculty, and staff to consult with the Disability Resource Center (DRC) on disability-related questions or concerns.

Academic Honesty Policy

Southern New Hampshire University requires all students to adhere to high standards of integrity in their academic work. Activities such as plagiarism and cheating are not condoned by the university. Review the [full academic honesty policy](#).

Copyright Policy

Southern New Hampshire University abides by the provisions of United States Copyright Act (Title 17 of the United States Code). Any person who infringes the copyright law is liable. Review the [full copyright policy](#).

SNHU College of Online and Continuing Education Withdrawal Policy

Review the [full withdrawal policy](#).

Southern New Hampshire University Policies

More information about SNHU policies can be found on the [policy page](#).

Assessment Calibration and Student Work Samples

For the purpose of continuous improvement of our educational training, Southern New Hampshire University's College of Online and Continuing Education may, on occasion, utilize anonymous student work samples for internal professional development and staff training. If you have any questions or concerns, contact your advisor. If you would like to withdraw permission for use of your work, please contact the assessment calibration administrator at assessmentcalibration@snhu.edu. See [this document](#) for more information.