

Contact Information

Instructor: Kyung Sung Jung, Ph.D.
Office: STZ 364
Office Hours: Monday and Wednesday 3 pm – 4 pm or by appointment
E-Mail: Through Canvas

TA: Jennifer Hernandez
TA Office Hours: By appointment

Course Objectives: This course provides the fundamental concepts of data communications and networking with practical applications. Students will learn the basic overview in networking and essential technical understanding necessary to evaluate and integrate telecommunication technologies into sustainable business. The ultimate goal of this course is to empower students to use telecommunications and networking technologies for successful business. This class will be the complete introduction about business telecommunication for the students in business.

Course Website: All information and materials pertaining to this course will be made available through the course website on the Canvas system. With the exception of the in class tests, all graded materials will be submitted electronically using the course website on Canvas. Additional information regarding the submission policies for this class is provided below.

Required/Recommended Textbook:

Required: Business Data Communications & Networking 12th Edition, Fitzgerald & Dennis, Wiley Publishing, ISBN: 978-1-119-01678-6

Recommended: Computer Networking: A Top-Down Approach, 6th edition, James Kurose & Keith Ross, Pearson, ISBN: 978-0132856201

Security Awareness: Applying Practical Security in Your World, 5th ed., Mark Ciampa, ISBN: 978-1305500372

Grading Policy

| | |
|---|-----|
| Group Project (see project description) | 15% |
| Group Assignments | 20% |
| Exam1 and Exam 2 (each 30%) | 60% |
| Participation (Pop-up Quiz) | 5% |

The grades for this course will be based on a curve. This means the grade that you get for this course will depend on your relative rank in the class. As per college norms, the grading will maintain a maximum mean grade point average of 3.50 (for example, 20% A, 20% A-, 50% B+, 10% B is one possible distribution). Grades of C+, C and below can and will be given when student performance warrants.

Information on current UF grading policies for assigning grade points

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

HELP RESOURCES: For issues with technical difficulties with the e-learning system, please contact the UF Help Desk at: 1) Learning-support@ufl.edu; 2) (352) 392-HELP or 3) <https://lss.at.ufl.edu/help.shtml>

Course & Instructor Policies

Changes: This course will be very dynamic, so EXPECT changes. Changes in assignments or schedules will be posted on course website. It is the student's responsibility to keep up with the changes that are posted on course website.

Course Website: Most communications for this class will be through course website. Students should check announcements posted on the course website regularly. All questions to be discussed with your classmates (except those of a personal nature) should be posted on the course website Discussion Board.

Internet & Electronic Communication Devices: Any surfing of the Internet during lectures that is not directly related to the class discussion is distracting and strictly forbidden. Additionally, the use of any electronic devices (e.g., cellular phones) for e-mailing, text-messaging, etc. is strictly prohibited. Please TURN OFF your phone before the beginning of each lecture. In this regard, it is within the discretion of the instructor to determine the appropriate grade for the "class participation" component. The instructor reserves the right to ask students to leave the classroom before continuing lecture if they are being disruptive.

Group Assignments: In the first class, students make groups (**up to 3 persons**). All assignments will be submitted through the course website unless otherwise instructed; submission of electronic copies by e-mail is not acceptable unless prior permission of instructor is obtained. All assignments should be completed on time. Assignments submitted after the deadline will be considered late. A penalty of 20% of the assignment value per day (including weekends) is assessed on late assignments beginning on the day due. Copying another student's work (computer files) or having another person do your work is scholastic dishonesty (see below) and will be dealt with accordingly.

Exams: A picture ID will be required for each student. Please bring a #2 pencil for each exam. If you have a time conflict, you must notify the instructor in advance for rescheduling consideration. Unless under significantly extreme circumstances, make-up exams will not be arranged. A make-up exam will include significant discussion, essay, and short answer questions.

Class Participation: Your class attendance and class participation is highly recommended for this course. There is no make-up for missed in-class assignments. Much of the content of course will be covered in class. Participation is counted NOT by the quantity of the comments, but by the quality of the comments. If there are any activities deemed as distracting in class (e.g., talking loud with other students about something that is not directly related to the class), it is within the discretion of the instructor to determine the students' appropriate participation grade.

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open.

University Policy on Cheating: Cheating in any form is not permitted within this class. Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the UF Student Honor Code at <http://www.dso.ufl.edu/students.php>. In addition, you must be sure to cite all works used in completing projects or leading class discussions. Failure to properly follow copyright will result in a loss of points.

See the University Policy at <http://www.registrar.ufl.edu/staff/policies.html>.

University Policy on Accommodating Students with Disabilities: Students requesting accommodation for disabilities must first register with the Dean of Students Office (352-392-8565, <http://www.dso.ufl.edu/drc/>). The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. You must submit this documentation prior to submitting assignments or taking the quizzes or exams. Accommodations are not retroactive, therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations.

| W | Dates | | Topic(s) | | Deliverables |
|----|-------|---|------------------------------------|-----------|------------------------|
| 01 | 1/8 | M | Course Introduction, Group | | |
| | 1/10 | W | Introduction | Ch 1 | |
| 02 | 1/15 | M | No class | | |
| | 1/17 | W | Introduction | Ch 1 | |
| 03 | 1/22 | M | Application Layer, Security | Chs 2, 10 | 1-page proposal |
| | 1/24 | W | Transport Layer, review for Test 1 | Ch 5 | |
| 04 | 1/29 | M | Test 1 (Chs 1, 2, 10) | | |
| | 1/31 | W | No class – Career Fair | | 1/30-31 UF career fair |
| 05 | 2/5 | M | Network Layer | Ch 5 | |
| | 2/7 | W | Network Layer, Data Link Layer | Chs 5,3 | |
| 06 | 2/12 | M | Data Link Layer, Physical Layer | Ch 4 | |
| | 2/14 | W | Project Presentation (5 Group) | | |
| 07 | 2/19 | M | Project Presentation (5 Group) | | |
| | 2/21 | W | Test 2 (Chs 3, 4, 5) | | |