

W

k Chapter Chapter Title _____

1/11,13 **Part 1 - What is Communications?**

- 1 C&S P Preface
C&S 1 What is **Technology?** What is **Telecommunications?**
CT&SC Inside PC's Brain, Memories are Made of This, Hard Drives Made Easy p6-23

I will help you create teams for all projects and papers. For project: examine the MIS and telecommunications capabilities of an off-campus business or organization. What do they have/use now? Objective: 4-5 page case on present MIS/telecom. You will write this paper twice, the first time to describe the technology, the second to discuss risk assessment and disaster planning and recommend changes. See Lab Manual, page #83 or WWW.AUBURN.EDU/~carrhou , for requirements for papers.

Please go to the United Devices home page (WWW.UD.COM) and sign your computer up to do cancer research when it is idle. Then go to the team page and join the team AUBURN-MIS. The points you make will apply both to you and the team. Our team is 206 out of 17,203 teams worldwide. Tell me in class next time the total number of members, machines, and your member name.

- 2 C&S 2 1/18 Where Did the **Telephone** Come From? How Does it Work?
CT&SC The CD Difference, Unveiling Motherboard, Welcome World of Ports, Pg 24-41

All papers by teams and prepared in accordance with instructions on WWW.AUBURN.EDU/~carrhou; minimum of three references required per paper; max of five. All team members will contribute equally **or their names will not be included on report.**

- 3 C&S 3 1/25 What **Technologies and Media** do we use for voice and data communications
☞ Everyone - **Either get familiar with the outliner capability in your work processor or go onto the Internet and find such a capability. Outline Chapter 3 of text.** Also, bring list of telecommunications services you receive.

Because of viruses I never open emails with blank subjects or subjects such as 'HI', "Hello", or the like

IT Salaries: <http://www.globalknowledge.com/training/customgo.asp?id=9599&pageid=29>

2/1 **Part Two - Data Communications and Networks**

- 4 C&S 4 **Data Communications - The Basics**
Groups - Price 3 versions of a computer configuration, single-user workstation.

Test #1 on Thursday

- 5 C&S 5 2/8 Data Communications - **Conversion, Modulation & Multiplexing**
Stoll **The Cuckoo's Egg** begins here

You should have selected a company to interview by now. It should be off-campus and large enough to have data networks. If it's too small, your grade will suffer. You will describe the use of computers and networks in this paper. See WWW.AUBURN.EDU/~carrhou for further instructions

- 6 C&S 6 2/15 Networks by **Topology and Protocols**

- 7 C&S 7 2/22 Telecommunications **Architectural Models**

Test #2

8 C&S 8 3/1 Networks by **Geography and Network Equipment**

Part III - Uses of Networks

9 C&S 9 3/8 The Internet to the World; The Intranet to the Organization

10 C&S 10 3/15 Business Applications of Telecommunications

Discussions of *The Cuckoo's Egg & Threats to Information System Security* (Lab Manual pg #85)

First report on business selected; what you saw. Must include netViz diagram.

Test #3

11 C&S Spt 3/22 **Network Security**
Wired and Wireless Network Security

3/28 - 4/2

Spring Break

Part IV - Legislation and Global Issues

12 C&S 11 4/5 How do Legislation and Regulation affect Telecommunications?

Part V - Managing Telecommunications

13 C&S 12 4/12 How do you Manage Telecommunications in Organizations?

C&S 13 How do you Manage Telecommunications Projects? SDLC for Telecommunications

Second report on business (recommendations and risk analysis)

Homework on page 678; bring worked problems to class.

© Go to <http://www.warriorsofthe.net/> and download and view the movie

Test #4

Part VI - The Need for Bandwidth

14 C&S 14 4/19 Bandwidth for the Home

C&S 15 Bandwidth for the Office

Part VII - The Future

15 C&S 4/26 Epilogue

May 6-10

Final Exam (See note below)

Grading: .50*(Tests), 20*Final, .20*(papers & Project), .10*(class, etc.)
You may substitute for the final exam a passing grade on any MCSE or Network+ text taken during this quarter. Can not count for credit in any other class. (Go to <http://www.ExamVouchers.com> for discount on the exam, 600-page guide, and example questions. Also www.getcertified4less.com. \$157 vs. \$207 from VUE directly.) Upi will find further information on certification at www.auburn.edu/~carrhou/links.htm.
Unannounced quizzes will be given and count for grade. Scantron portion of tests start out counting 50% of total test grade and drop 5% with each subsequent test

Texts: **Management of Telecommunications** by Houston H. Carr & Charles A. Snyder 2/e ISBN 0-07-248931-6

♪ Supplement to Carr and Snyder 1-930208-86-3, dated Dec 2, 2003

© *The Cuckoo's Egg* by Cliff Stoll 0-671-72688-9)

♫ *Computer Technologies* - Smart Computing Part I

* Telecommunications Lab Manual - 1-930208-31-6 (Optional)

***Data Communications for Executives** by Carr, ISBN 1-930208-18-9 (Second Edition) (Optional)

Special Accommodations for Students with Disabilities: Students who need special accommodations should make an appointment to discuss the Accommodations Memo with me during my office hours as soon as possible. If scheduled office hours conflict with classes, please arrange an alternate appointment time. If you do not have an Accommodations Memo but need special accommodations, contact The Program for Students with Disabilities, 1244 Haley Center, 334-844-5943 (Voice T/O).

Academic Honesty: ALL PORTIONS OF THE AUBURN UNIVERSITY HONESTY CODE (TITLE XII) FOUND IN THE TIGER CUB WILL APPLY TO THIS CLASS.

A cumulative GPA of 2.2 or greater is required to take this or any course in the College of Business.

Name: _____ Preferred Name: _____ **MNGT 3040**

Graduation date (Mo/Da/year): _____

Preferred E-mail/*Internet* ID: _____@AUBURN.EDU or _____

My wired telephone service is: Premium flat-rate telephone service Area Calling (measured) Service None

My long distance provider is: AT&T MCI Sprint Other: _____ None

My Cell Phone provider is T-Mobil AT&T Sprint Cingular Nextel _____ None

I have cable TV satellite None I download music on the Internet Yes No

I have the following technology Portable phone CD Player VCR DVR (TiVo) Home Theater DVD-R/RW

Laptop More than 1 computer Network where I live Wireless where I live

I own a PC of the following brand: _____ This PC has _____ Mbyte RAM, _____ Mbyte Hard drive

Modem DSL Cable Modem CD-ROM CD-R/RW DVD Player DVD burner

I have a home page. Its URL is: _____

The following are five attributes or achievements I have accomplished:

A. _____

B. _____

C. _____

D. _____

E. _____

Three things I would like to do for money upon graduation:

A. _____

B. _____

C. _____

