

# *CISD066-62Z, Fall 2017*

## *Introduction to Data Communications and Networking*

*Instructor: Behrouz Forouzan CRN: 00491 Units: 5*

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### **1. GENERAL INFORMATION**

#### **Canvas**

Our class will be in Canvas, De Anza's online Course Management System. You can access Canvas at

**<https://deanza.instructure.com>**

or click on "*Log Into Canvas*" under the student tab in MyPortal.

#### **Log-In**

Canvas is single sign-on. Use your MyPortal credential to log in.

#### **Help**

For help, click Help in Canvas or contact Online Education at

**[onlineeducation@deanza.edu](mailto:onlineeducation@deanza.edu)**

#### **Online Education Center**

Table 1 gives you the information for contacting Online Education Center:

**Table 1** *On-line Education Center*

**Office:** MLC-210

**Phone:** (408) 864-8969

**Site:** <http://deanza.edu/online-ed/>

**Office Hours:** Monday to Thursday, 9 AM to 5:00 PM; Friday: 9:00 to 4:00 PM

## Instructor

Table 2 gives the information you need to know about your instructor:

**Table 2** *Information about your instructor*

<p><b>Name:</b> Behrouz Forouzan</p> <p><b>Office Hours:</b> On line (by email) <b>September 25 to December 15</b></p> <p><b>Email:</b> forouzanbehrouz@fhda.edu</p>
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## Course Description

An introduction to the concepts of telecommunications, data communications, and networks.

## Objectives

After completing the readings and assignments, and viewing the lessons, you should be able to:

- a. identify major applications of networking,
- b. describe the networking equipment,
- c. and learn about data communication protocols.

## Prerequisite

EWRT 100B and READ 91 (or LART 100), or ESL 4 advised.

## Some Important Dates

Table 3 gives you some important dates that needed to be remembered. Please double-check them at the college site.

**Table 3** *Some Important Dates*

<b>First day of the Fall Quarter: Monday, September 25</b>
<b>Last day to add (if space available): Saturday, October 07</b>
<b>Last day to drop and receive a refund: Sunday, October 08</b>
<b>Last day to drop with no record of grade: Sunday, October 08</b>
<b>Last day to request a Pass/No Pass grade: Friday, October 20</b>
<b>Last day to drop with a "W" grade: Friday, November 17</b>
<b>Last day of the Fall Quarter: Friday, December 15</b>
<b>Note: Please double check the above dates with the college or administration. Also check the administration for the last day to receive a refund if you are not a resident student.</b>

## Online Tutoring Service

De Anza College will provide all registered students with online tutoring service through Smarthinking. Online tutoring will be available in a wide variety of subjects, to

supplement on-campus tutoring that Student Success Center provides. Information is available at

<http://www.deanza.edu/studentssuccess/onlinetutoring.html>

Check the availability of online tutoring for this class at the above site.

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## 2. REQUIREMENTS

The following is the minimum requirements for the course:

1. Do on-line orientation and be sure to have an email address (see Table 4).
2. Obtain the textbook (see Table 5).
3. Be prepared to spend a minimum of 10 hours per week using and studying the materials.
4. View videos.
5. Read the Chapter 1 to 17 (inclusive) in the textbook (see Table 10).
6. Take part in discussions.
7. Do quizzes for chapters 1 to 17 (inclusive ) at the publisher site.
8. Do even-numbers problems at the end of Chapters 1 to 17 (inclusive).
9. Pass the midterm and the final examination (see Table 7 and 8).

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## 3. ORIENTATION AND E-MAIL

### On-Line Orientation

Do the orientation on line. The information is given below:

**Site:** <https://deanza.instructure.com/courses/1106>

### E-mail Address

Make sure you have a valid e-mail address on record with De Anza.

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## 4. DROP POLICY

I have to drop those students who did not participate in the course on the census day (announced later). One indication of participation is to do one-line orientation (see Section 3).

After the census day, dropping is your responsibility. If you do not drop yourself, it means that you want to stay in the course. In this case, an appropriate grade (A, B, C, D, or F) will be assigned to you at the end of the quarter. See Table 3 for information.

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## 5. COURSE MATERIALS

The following course materials are required for the course: the textbook and email access.

### Textbook

Table 4 show the required textbook for the course. The textbook is available at De Anza Bookstore (and some other ones). It is also available on-line.

**Table 4** *Textbook*

**Book:** *Data Communications and Networking, Fifth Edition*

**Author:** Behrouz Forouzan

**Publisher:** McGraw-Hill, Inc.

**ISBN:** 0-07-337672-1

**Note:** Although the video lessons may mention other versions of the book, the book for this course is the 5th Edition. Video lessons are only to help to understand some concepts. The course is based on the current version of the book.

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## 6. VIDEOS

The course includes 12 video lessons. The video lessons are companions to the textbook, but there may not be a one-to-one relation between the lessons in the two. There are several options for viewing these videos as described below.

### Viewing on Canvas

The video lessons are available on Canvas at

<https://deanza.instructure.com>

### Viewing at De Anza

View the videos in the Library West Computer Lab at De Anza College.

### Checking Out

Check out videos from the Library West Computer Lab to view overnight at home. If you choose this option, please pay attention to the following:

- a. SMART DASB Card required. The Smart Card Office is located in the lower level of Hinson Campus (408-864-5551).
- b. One DVD at a time may be checked out for 48 hours, no renewals.
- c. Return DVDs to the Library West Computer Lab or in the drop box outside of Learning Center West (please report any DVD technical problems).
- d. Late fines: \$0.25/day (maximum fine-\$12.00); replacement/lost DVD charge: \$25.00/DVD.

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## 7. ASSIGNMENTS

To receive knowledge about the course, follow the steps below:

1. Video lessons 1 to 12.
2. Read chapters 1-17 (inclusive) of the textbook.
3. Do the quizzes, questions, and problems mentioned at the Practice-Set section for chapters 1-17.
4. Take part in discussions.

**Quizzes and answers to odd-numbered exercises are found at:  
<http://www.mhhe.com/engcs/compsci/forouzan/>  
Solutions to even-numbered exercises are not available; they are not public**

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## 8. TESTS

One midterm test and one final examination will be given during the term. Absolutely no make-up tests.

### Midterm Test

Carefully note the information in Table 5 about the midterm.

**Table 5** *Midterm Test*

**Available:** Monday, October 30, after 6 PM  
**Due:** Tuesday, October 31, before 6 PM  
**Site:** <http://faculty.deanza.edu/forouzanbehrouz> (I will also send it to you by email)  
**Delivery:** Send the answer attached to an email to me ([forouzanbehrouz@fhda.edu](mailto:forouzanbehrouz@fhda.edu))  
**Chapters:** First midterm test covers chapters 1, 2, 3, 4, 5, 6, 7, and 8.  
**Points:** The test is worth 150 points.

### Final Test

Carefully read information provided in Table 6 about the final test.

**Table 6** *Final Test*

**Available:** Monday, November 11, after 6 PM  
**Due:** Tuesday, November 12, before 6 PM  
**Site:** <http://faculty.deanza.edu/forouzanbehrouz> (I will also send it to you by email)  
**Delivery:** Send the answer attached to an email to me ([forouzanbehrouz@fhda.edu](mailto:forouzanbehrouz@fhda.edu))  
**Chapters:** Chapters 9 to 17 (inclusive)  
**Points:** The test is worth 200 points.

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## 9. GRADING

Grading is based on discussions, quizzes, problems, midterm, and final.

### Points

Students can obtain the points for each activity as listed in Table 7.

**Table 7** *Points*

<i>Activity</i>	<i>Points</i>
Discussion	15
Quizzes	50
Problem set	85
Midterm test	150
Final examination	200
<b>Total Points</b>	<b>500</b>

### Final Grade

The final grade is based on the points obtained according to Table 8 (no plus or minus grading):

**Table 8** *Grades*

<i>Percentage of Total Points</i>	<i>Grades</i>
90% to 100%	A
80% to 89%	B
70% to 79%	C
60% to 69%	D
0% to 59%	F

### Incomplete

Title 5 of the Education Code defines the “I” grade as “Incomplete academic work. To be eligible to receive an “I” grade you must obtain the instructor's agreement and sign an Incomplete Contract form.

### Academic Integrity:

The De Anza College Schedule of Classes, in the section titled, “Academic Integrity” states that “the submission of work which is not the product of a student's personal effort, or work which in some way circumvents the given rules or regulations will not be tolerated.” Based on this statement, copying another person's work, is an infraction of academic integrity and may result in a failing grade.

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## 10. EACH WEEK'S ASSIGNMENTS

The course content comes from the readings. Table 9 shows each week activity. Note that the contents of the textbook (5th edition) and video lessons do not match exactly. The book has been revised. Watch the videos for general information, but read the con-

tents of each chapter carefully. **You are responsible for chapters 1 to 17 (inclusive) of the book.**

**Table 9** *Weekly activities*

<i>Week</i>	<i>From - To</i>	<i>Videos</i>	<i>Reading</i>	<i>Problems</i>	<i>Quizzes</i>	<i>Discussion</i>
I	9/25 to 10/1	<b>Lesson 01</b>	Chapter 1	Chapters 1	Chapters 1	
II	10/2 to 10/8	<b>Lesson 02</b>	Chapter 2, 3	Chapters 2, 3	Chapters 2, 3	
III	10/9 to 10/15	<b>Lesson 03</b>	Chapter 4, 5	Chapters 4, 5	Chapters 4, 5	Discussion 1
IV	10/16 to 10/22	<b>Lesson 04</b>	Chapter 6, 7	Chapters 6, 7	Chapters 6, 7	
V	10/23 to 10/29	<b>Lesson 05</b>	Chapter 8	Chapter 8	Chapters 8	
VI	10/30 to 11/5	<b>Lesson 06</b>	Review	<b>Midterm test on 10/31</b>		
VII	11/6 to 11/12	<b>Lesson 07</b>	Chapters 9, 10	Chapters 9, 10	Chapters 9, 10	
VIII	11/13 to 11/19	<b>Lesson 08</b>	Chapter 11, 12	Chapter 11,12	Chapter 11,12	
IX	11/20 to 11/26	<b>Lesson 09</b>	Chapter 13, 14	Chapter 13, 14	Chapter 13, 14	Discussion 2
X	11/27 to 12/3	<b>Lesson 10</b>	Chapters 15, 16	Chapters 15, 16	Chapters 15, 16	
XI	12/4 to 12/10	<b>Lesson 11</b>	Chapters 17	Chapters 17	Chapters 17	
XII	12/11 to 12/17	<b>Lesson12</b>	Review	<b>....Final test on 12/12....</b>		

**See Canvas for more details and points**

## 11. DISABILITY

De Anza College views disability as an important aspect of diversity, and is committed to providing equitable access to learning opportunities for all students. Disability Support Services (DSS) is the campus office that collaborates with students who have disabilities to provide and/or arrange reasonable accommodations. If you have, or think you have, a disability in any area such as, mental health, attention, learning, chronic health, sensory, or physical, please contact DSS to arrange a confidential discussion regarding equitable access and reasonable accommodations.

If you are registered with DSS and have accommodations set by a DSS counselor, please be sure that your instructor has received your accommodation letter from **Clock-work** early in the quarter to review how the accommodations will be applied in the course. Students who need accommodated test proctoring must meet appointment booking deadlines at the Testing Center.

- a. **Midterm exam** be booked at least five (5) business days in advance of the instructor approved exam date/time.
- b. **Final exams** must be scheduled **seven (7) business days/weekdays** in advance of the instructor approved exam date/time.

Failure to meet appointment booking deadlines will result in the forfeit of testing accommodations and you will be required to take your exam in class. Contact the

DSS if you cannot find or utilize your MyPortal Clockwork Portal. DSS strives to provide accommodations in a reasonable and timely manner, some accommodations may take additional time to arrange. We encourage you to work with DSS and your faculty as early in the quarter as possible so that we may ensure that your learning experience is accessible and successful.

**DSS Location: RSS Building, Suite 141**  
**<http://www.deanza.edu/DSS/>**

**Phone: 408-864-8753**  
**Email: [DSS@deanza.edu](mailto:DSS@deanza.edu)**