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**Course Prefix/No:** IST 225  
**Course Title:** Internet Communications  
**Lecture Hrs/Week:** 3.0  
**Credit Hrs/Semester:** 3.0

[Distance Learning Attendance/VA Statement](#)  
[Textbook Information](#)

## **COURSE DESCRIPTION**

This course covers introductory topics and techniques associated with the Internet and Internet communications. Techniques on how to use and access various types of information and as well as how to find resources and navigate the Internet are included.

## **COURSE COMPETENCIES**

Upon successful completion of this course, the student should be competent to perform the following tasks:

### **Module 1 – Terminology, History, & Security Threats**

1. Define terms related to the subject area such as local area network, Internet, worldwide web, search engine, e-mail, etc.
2. Discuss the history of the Internet.
3. Discuss potential threats such as viruses and Trojan horses and the need for security measures.

### **Module 2 – E-mail & FTP**

1. Set up an e-mail account, send and read messages, attach files to messages, open and file attachments, and create a distribution list.
2. Describe FTP and its usage.
3. Download, decompress and install a simple program.
4. Demonstrate the ability to use a compression program such as WinZip.

### **Module 3 – Browsers & Search Engines**

1. Differentiate between browsers, search engines, and meta-search engines.
2. Demonstrate the ability to use browsers, search engines, and meta-search engines.
3. Describe the web and how information can be accessed.
4. Refine queries using Boolean operators and filtering techniques to find the desired information.
5. Evaluate web resources to determine if information is credible and reliable.

### **Module 4 – Newsgroups, Chats, & More**

1. Differentiate between real-time and asynchronous communication tools.
2. Describe newsgroups and how to access information from them.
3. Demonstrate the ability to obtain information from a newsgroup.
4. Describe chat and its uses.
5. Set up a chat session to communicate with a group of people.

6. Demonstrate an understanding of plug-ins and their uses.
7. Demonstrate the ability to download and install plug-ins.

### **Module 5 – Basics of HTML**

1. Demonstrate the ability to use basic hypertext markup language (HTML) to create a simple Web page.
2. Add attributes (fonts, font sizes, and colors) and images to a Web page.
3. Add internal, external, and intra-page (bookmark) hyperlinks to a Web page.

### **Module 6 – Tables**

1. Display information using tables.
2. Format a Web page using tables and nested tables.
3. Develop a multi-page web site including navigational links.

### **Course Requirements**

All students are responsible for attaining competencies through completion of the following course requirements:

- Attending class/participating online
- Reading assigned material
- Completing assigned exercises
- Completing assigned projects
- Completing all tests

### **Attendance Policy**

The attendance policy as stated in the York Technical College Handbook will be enforced. Attendance is required on test days. For online courses, logging into the course and participating will be used as verification of attendance. Makeup tests will not be given. In lieu of makeup tests, an optional final exam will be given. This exam grade will replace the student's lowest test grade.

### **Academic Integrity**

The policies stated in the York Technical College Handbook will be enforced. Any student violating the policy will be subject to academic discipline. Anyone caught cheating will automatically get a grade of zero (0) for the assignment.

### **METHOD OF INSTRUCTION**

The instructor will lecture and lead discussions on the concepts introduced in each chapter. If the course is online, written lectures and discussions will help the student gain understanding of the concepts. The student will reinforce this lecture material by reading the textbook and completing assigned exercises and activities. Students should expect to spend time outside the class period to complete their assignments.

### **ENTRY-LEVEL SKILLS**

It is strongly recommended that a student have an understanding of the Windows operating system environment.

**PREREQUISITES** - None

**CO-REQUISITES** – None

## Evaluation Strategies & Grading Procedure

A minimum of one test and one project will be given covering the course competencies. The test and project will be equally weighted and the average will be considered for the final semester grade. A minimum grade of C is required for students in computer technology programs.

<b>Module 1</b>	
Test(s)	16.67%
<b>Module 2</b>	
Project(s)	16.67%
<b>Module 3</b>	
Test(s)	16.67%
<b>Module 4</b>	
Project(s)	16.67%
<b>Module 5</b>	
Project(s)	16.67%
<b>Module 6</b>	
Project(s)	16.67%
<b>Course Grade</b>	100%

### Grading Scale

- A 90-100
- B 80-89
- C 70-79
- D 60-69
- F Below 60

**Disability Statement:** Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Office (SRO) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.