

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: Introduction to Internet

CODE NO.: EDP022

SEMESTER: 1994 Fall

PROGRAM: Computer Literacy - Intermediate

AUTHOR: Cindy Trainor

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PREVIOUS OUTLINE DATED: None

APPROVED: \_\_\_\_\_

DEAN

DATE

*R. Cassin*

*94/10/28*

**PREREQUISITE(S):** Participants should have completed a "Computer Awareness" course or have equivalent experience, and familiarity with the keyboard.

**I. PHILOSOPHY/GOALS:** This course will hone internet skills by "hands-on" training. Participants will progress from sending email messages to electronic discussion groups to performing database search and retrieves on the groups. Scanning remote computer sites for documents and public domain files will be achieved. They will learn different techniques for finding files and how to talk to people world-wide.

**II. STUDENT PERFORMANCE OBJECTIVES (OUTCOMES):**

- 1) Demonstrate an understanding of the basics off the VMS operating system.
- 2) Illustrate the use of VMS mail by using the SEND, READ, DEL, REPLY, DIR, PRINT and EXIT commands.
- 3) Subscribe, participate and manage mail for electronic discussion groups.
- 4) Explain and demonstrate the use of "internet addressing".
- 5) Illustrate the use of the Gopher resource to navigate the Internet.
- 6) Compose sophisticated queries using Veronica to search for "keywords" world wide.
- 7) Explain and demonstrate the use of the Telnet resource to log into foreign computers to peruse their resources.
- 8) Explore Usenet discussion groups for areas of personal interest.
- 9) Explain the different file types used on Internet and the extraction techniques used.
- 10) Explore File Transfer Protocol and retrieve files.
- 11) Perform Archie searches and demonstrate the different Archie facilities.
- 12) Perform Jughead search.

- 13) Demonstrate the ability to perform database searches and retrieves on Listservs.
- 14) Illustrate the use of Talk.
- 15) Explore Internet Relay Chat.
- 16) Demonstrate an understanding of the World Wide Web and Personal Computer Applications.

### III. TOPICS TO BE COVERED:

- 1) Intro to VMS
- 2) Subscribing to an Electronic Discussion Group
- 3) Gophering
- 4) Using "Veronica" to Search for "Keywords"
- 5) Using Telnet & Finger
- 6) Usenets and Freenets
- 7) File types used on the Internet.
- 8) File Transfer Protocol.
- 9) Using Archie and Jughead.
- 10) Advanced Listserv Commands.
- 11) Talking and Internet Relay Chat.
- 12) World Wide Web and Personal Computer applications.

### IV. LEARNING ACTIVITIES/REQUIRED RESOURCES

- 1) Intro to VMS

#### Learning Activities:

- Practice logging into the VAX 4300 system.
- Listen to presentation on the components of the DEC keyboard and changing password.
- Practise changing password and logging out of VAX account.
- Listen to instructor presentation on an overview of Internet and general user policies.

#### Resources:

- overheads, exercises
- handout - "ONET User Policies"

## 2) VMS Mail

### Learning Activities:

- Review concepts from previous lesson.
- Listen to instructor presentation on the basic commands for using VMS mail feature.
- Listen to instructor presentation on editing text files.
- Practice basic mail commands - send, read, reply, dir, print and exit mail.

### Resources:

- overheads, exercises
- handout - "Electronic Mail System"
- handout - "VMS Editor"

## 3) Subscribing to an Electronic Discussion Group

### Learning Activities:

- Review concepts from previous lesson.
- Listen to instructor presentation on "internet addressing".
- Listen to instructor presentation on using the VMS editor to create a signature file.
- Listen to instructor presentation on sending subscription requests to listservs.
- Practice sending subscription requests and participating in an electronic discussion group.
- Listen to instructor presentation on sending commands to listservs.
- Practice sending commands to listservs.

### Resources:

- overheads, exercises
- handout "Internet Addressing"
- handout "Using Listservs"
- handout "Popular Discussion Groups"
- handout "Creating a Signature File"

#### 4) Gophering

##### Learning Activities:

- Review concepts from previous lesson.
- Listen to instructor presentation on "gopher" terminology.
- Listen to instructor presentation on the gopher client menu system.
- Practice "gophering" to various internet sites..

##### Resources:

- overheads, exercises
- handout - "Gophering"

#### 5) Gophering Continues and First Quiz

##### Learning Activities:

- Review concepts from previous lesson.
- Listen to instructor presentation on setting up bookmarks to "customize" favourite "gopher" sites.
- Practice creating customized bookmarks.
- Quiz on previous topics.

##### Resources:

- overheads, exercises

#### 6) Using "Veronica" to Search for "Keywords"

##### Learning Activities:

- Review concepts from previous lesson.
- Review quiz.
- Listen to instructor presentation on "Veronica" and explanation of search terminology.
- Practice searching for documents using Veronica and printing and saving copies of these documents.

##### Resources:

- overheads, exercises
- handout - "Veronica"

7) Using Telnet & Finger

Learning Activities:

- Review concepts from previous lesson.
- Listen to instructor presentation on using the Telnet resource to log into remote computer sites.
- Practice "telneting" to remote hosts using generic accounts.
- Listen to instructor presentation on how to use the Finger command to locate the names and addresses of users at remote hosts.
- Practice "fingering" users at local and remote hosts.

Resources:

- overheads, exercises
- handout - "Telneting"
- handout - "Fingering"

8) Usenets and Freenets

Learning Activities:

- Review concepts from previous lesson.
- Listen to instructor presentation on how to use Usenet by selecting newsgroup and sending and reading news articles.
- Practice browsing newsgroups and reading messages.
- Listen to instructor presentation on accessing a Freenet site and viewing services that a site provides.
- Practice accessing and exploring Freenet sites.

Resources:

- overheads, exercises
- handout - "Usenets and Freenets"

9) File Types Used on the Internet and Second Quiz

Learning Activities:

- Review concepts from previous lesson.
- Listen to the presentation of the different types of files on Internet and how to use those files after downloading them.
- Quiz on previous topics.

Resources:

- overheads
- handout "Internet File Types"
- handout "The Extraction Process"

10) File Transfer Protocol

Learning Activities:

- Review concepts from previous lesson.
- Review quiz.
- Listen to instructor presentation on File Transfer Protocol.
- Practice logging into FTP sites.
- Practice moving around the sites' directories.
- Practice viewing and retrieving files.

Resources:

- overheads, exercises
- handout "File Transfer Protocol"
- handout "Navigating the FTP Site"

11) Using Archie and Jughead

Learning Activities:

- Review concepts from previous lesson.
- Listen to instructor presentation on Archie servers.
- Listen to instructor presentation on Jughead servers.
- Practice logging into Archie sites and issuing commands.
- Practice using Jughead servers.

Resources:

- overheads, exercises
- handout "Archie and Jughead"

## 12) Advanced Listserv Commands:

### Learning Activities:

- Review concepts from previous lesson.
- Listen to instructor presentation on Listserv commands.
- Listen to instructor presentation on Listserv databases and commands.
- Practice issuing Listserv commands.
- Practice database manipulations.

### Resources:

- overheads, exercises
- handout "Listserv Commands"
- handout "Listserv Databases"

## 13) Talking and Internet Relay Chat

- Review concepts from previous lesson.
- Listen to instructor presentation on the Talk program.
- Listen to instructor presentation on the Internet Relay Chat.
- Practice Talking.
- Practice on the Internet Relay Chat.

### Resources:

- overheads, exercises
- handout "Talk"
- handout "Internet Relay Chat"

## 14) World Wide Web and Personal Computer Applications and Third Quiz

- Review concepts from previous lesson.
- Listen to instructor presentation on the World Wide Web.
- Listen to instructor presentation on Personal Computer Internet Applications and home access to the Internet.
- Quiz covering previous topics.

Resources:

- overheads, personal computer, Sayette projector
- handout "Introduction to the World Wide Web"
- handout "Overview of Personal Computer Internet Applications"

15) Accessing World Wide Web on VX4300

- Review concepts from previous lesson.
- Review quiz.
- Listen to instructor presentation on World Wide Web access on the VX4300.
- Practice accessing and exploring World Wide Web.

Resources:

- overheads, exercises

**V. EVALUATION METHODS:**

Final grades to be issued will be either: "S" - Satisfactory  
or  
"U" - Unsatisfactory

Satisfactory will be given for a 60% and above average on the quizzes.

**VI. REQUIRED STUDENT RESOURCES**

- 1) Each participant will be given access to a personal computer.
- 2) Each participant will be given a computer account with access to Internet for the length of the course.

**VII. BIBLIOGRAPHY**

Pedacci, Angela Electronic Mail System, Information Technology, Sault College, September 8, 1993.

## VIII. SPECIAL NOTES

Students with special needs (eg. physical limitations, visual impairments, hearing impairments, learning disabilities) are encouraged to discuss required arrangements confidentially with the instructor. Your instructor reserves the right to modify the course as he/she deems necessary to meet the needs of students.