

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



Sault College

COURSE OUTLINE

COURSE TITLE: COMPUTING IN CHILD CARE SETTINGS
CODE NO. : COM101 **SEMESTER:** ONE
PROGRAM: EARLY CHILDHOOD EDUCATION
AUTHOR: LYNN DEE EASON AND SHEREE WRIGHT
DATE: JUNE 2004 **PREVIOUS OUTLINE DATED:** SPRING 2003
APPROVED:

DEAN DATE
TOTAL CREDITS: 3
PREREQUISITE(S): NONE
HOURS/WEEK: 2

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I. COURSE DESCRIPTION:

This course is designed to provide students with the level of computer literacy needed to function in today's workplace. Utilizing a hands-on approach, Internet and email use, the concepts of microcomputer operating systems, and word processing applications will be introduced. A personal email account will be used throughout the course to facilitate good communications between students and faculty and simulate the modern work environment. Students will also be exposed to a variety of online early childhood education resources and the software that is available for use in child-care programs.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

Upon successful completion of this course, the student will demonstrate the ability to:

1. Access and navigate the software required to communication with co-workers using e-mail and browse the Internet.

Potential Elements of the Performance:

- Open an email program.
- Compose and send email messages to others on the same system and elsewhere.
- View, store, sort, delete, and print incoming messages.
- Reply to and forward incoming messages.
- Create and use distribution lists.
- Store commonly used addresses.
- Create and use distribution lists.
- Create a signature file.
- Attach files to email messages.
- Create and utilize mail folders.
- Open and exit an Internet browser (MS Internet Explorer).
- Recognize and use the hyperlinks.
- Key URLs to reach special web pages.
- Use the history feature.
- Create and organize Favorites.
- Create a folder; move items into a folder; and delete a folder.
- Print and save web pages.
- Perform simple searches using a variety of search engines.

This module will constitute 20% of the course grade.

2. Demonstrate proficiency in operating a common word processing software package to prepare standard business documents.

Potential Elements of the Performance:

- Open and exit from MS Word 2000.
- Define wordwrap, overtyping, and insert mode.
- Move, insert, replace, select, highlight, and delete text.
- Scroll and navigate in a document.
- Check spelling and grammar in a document.
- Use AutoCorrect, Thesaurus, and Office Assistant.
- Preview and print a document.
- Create a document using both a template and a wizard.
- Apply fonts, effects, and animation to text.
- Use Format Painter and repeat a command.
- Indent text; change line and paragraph spacing.
- Insert bullets, numbering, and symbols.
- Set all types of tabs.
- Add borders and shading to text; apply styles; as well as create an outline-style numbered list.
- Find and replace text.
- Cut, copy, and paste text; as well as collect paste text.
- Insert a page break, insert and modify page numbers; change margins; change page orientation; and change views.
- Vertically align text.
- Create, modify, format, move, and apply borders and shading to a table.
- Change column widths and row heights.

This module will constitute 50% of the course grade.

3. Demonstrate proficiency in selecting early childhood education software and hardware packages.

Potential Elements of the Performance:

- Describe the importance of a computer center in the early childhood classroom.
- Describe factors to consider when selecting early childhood software.
- Describe the equipment required to set up a computer center.
- Perform research on early childhood education topics using online resources.

This learning outcome will constitute 10% of the course grade.

4. Demonstrate proficiency in using an up-to-date operating system for microcomputers.

Potential Elements of the Performance:

- Identify the objects on the Windows XP desktop.
- Practice mouse functions such as pointing, clicking, selecting, and right-clicking.
- Use the Windows XP Start button to run software programs.
- Explore the Windows XP Help system.
- Identify and use the controls in a window.
- Switch between programs using the taskbar.
- Use Windows XP controls such as menus, toolbars, list boxes, scroll bars, radio buttons, tabs, and check boxes.
- Format a disk.
- Enter, select, insert, and delete text in WordPad.
- Create and save a file; open and edit a file; and print a file.
- Move and copy a file; rename a file; and delete a file.
- Create a data disk.
- View the list of files on disk.
- Make a backup of a floppy disk.
- Create and organize folders.
- Navigate through the Windows XP hierarchy.

This learning outcome will constitute 20% of the course grade.

III. TOPICS:

Note: These topics sometimes overlap several areas of skill development and are not necessarily intended to be explored in isolated learning units or in this order.

1. Windows Operating System
2. Internet and email
3. Word Processing Applications
4. Early Childhood Education Online Resources

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

Marquee Series - Microsoft Word 2000, by Nita Rutkosky and Denise Seguin, published by EMCParadigm, 2001.

New Perspectives Series Microsoft Windows XP Professional by June Jamrich Parsons; Dan Oja, Joan & Patrick Carey, and Lisa Ruffolo published by Course Technology, Inc., 2002.

Two manila file folders (letter size) to hand in assignments
 Three 3 ½" high density disks
 Two individual diskette pockets
 Disk labels
 Mouse pad
 Disk carrying/storage case

V. EVALUATION PROCESS/GRADING SYSTEM:**Tests:**

Test #1 Windows XP	20%
Test #2 Email and Internet	20%
Test #3 Word 2000	30%
Test #4 Word 2000	20%

Assignments:

ECE online research	10%
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Total**100%**

The following semester grades will be assigned to students in post-secondary courses:

<u>Grade</u>	<u>Definition</u>	<u>Grade Point Equivalent</u>
A+	90 - 100%	4.00
A	80 - 89%	4.00
B	70 - 79%	3.00
C	60 - 69%	2.00
D	50-59%	1.00
F (Fail)	49% and below	0.00
CR (Credit)	Credit for diploma requirements has been awarded.	
S	Satisfactory achievement in field/clinical	

U	placement or non-graded subject areas. Unsatisfactory achievement in field/ clinical placement or non-graded subject area.
X	A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course.
NR	Grade not reported to Registrar's office.
W	Student has withdrawn from the course without academic penalty.

VI. SPECIAL NOTES:

Special Needs:

If you are a student with special needs (e.g. physical limitations, visual impairments, hearing impairments, or learning disabilities), you are encouraged to discuss required accommodations with your instructor and/or the Special Needs office. Visit Room E1204 or call Extension 493 to arrange support services.

Retention of course outlines:

It is the responsibility of the student to retain all course outlines for possible future use in acquiring advanced standing at other postsecondary institutions.

Plagiarism:

Students should refer to the definition of “academic dishonesty” in *Student Rights and Responsibilities*. Students who engage in “academic dishonesty” will receive an automatic failure for that submission and/or such other penalty, up to and including expulsion from the course/program, as may be decided by the professor/dean. In order to protect students from inadvertent plagiarism, to protect the copyright of the material referenced, and to credit the author of the material, it is the policy of the department to employ a documentation format for referencing source material.

Course outline amendments:

The Professor reserves the right to change the information contained in this course outline depending on the needs of the learner and the availability of resources.

Substitute course information is available in the Registrar's office.

Students are expected to be present to write all tests during regularly scheduled classes.

If a student is not able to be present for the test, s/he must call and leave a voice-mail message prior to the time of the test, in order for alternate arrangements to be made. (Call Ext. 679.)

If the student has not contacted the professor, the student will receive a mark of "0" on that test.

One hundred percent completion of all assignments is expected. Late assignments will not be accepted. The assignments are due at the beginning of the class on the due date.

A disk labeled with the student's name, professor's name, and the course name MUST be available with the assignment. At the professor's discretion, disks will be checked. Students are advised to maintain at LEAST one backup of all files. A lost or damaged diskette will not be an acceptable reason for a late or incomplete assignment.

All work must be labeled with the student's name and the project information on each page. All work must be submitted in a labeled folder complete with a plastic disk pocket.

During testing, the program's on-line help will be available for use. Tests will not be "open book." Students must ensure that they have the appropriate tools to do the test (i.e. diskettes, pencil, pen, etc.).

Test papers will be returned to the student after grading in order to permit verification of the results and to review the tests. However, the student will be required to return all test papers to the professor who will keep them on file until the end of the following semester. Any questions regarding the grading of individual tests must be brought to the professor's attention within two weeks of the test paper being returned.

Keyboarding proficiency is encouraged. Students who are unable to keyboard with a touch type technique are encouraged to use (or purchase) the *All the Right Type* typing tutor software located on the network and in The Learning Centre.

Academic dishonesty will result in a grade of zero (0) on the assignment or test for all involved parties.

Regular attendance is expected to ensure course information is communicated to all students. In-class observation of student work and guidance by the professor aids student success. Lectures will not be repeated in subsequent classes.

VII. PRIOR LEARNING ASSESSMENT:

Students who wish to apply for advanced credit in the course should consult the professor. Credit for prior learning will be given upon successful completion of a challenge exam or portfolio.

VIII. DIRECT CREDIT TRANSFERS:

Students who wish to apply for direct credit transfer (advanced standing) should obtain a direct credit transfer form from the Dean's secretary. Students will be required to provide a transcript and course outline related to the course in question.