SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO

Sault College

COURSE OUTLINE

COURSE TITLE:	RESEARCH PROJECT
CODE NO. :	CSE310 **SEMESTER:** 6
PROGRAM:	COMPUTER SYSTEM SUPPORT TECHNOLOGY
AUTHOR:	Willem de Bruyne
DATE:	January **PREVIOUS OUTLINE DATED:** New 2006
APPROVED:	

_____   _____
                              DEAN   **DATE**

TOTAL CREDITS:	3
PREREQUISITE(S):	Computer System Support Technician Diploma (or special permission of the Instructor)
HOURS/WEEK:	2

I.   COURSE DESCRIPTION:

This course provides an opportunity for the student to research technical areas of individual interest that either were briefly covered or not covered in the curriculum at the time for the student. The instructor will provide a wide range of projects the student can select or the student can create their own topic area. The final outcome of the research will be a document that will guide any end user on how to use the technology as well as present their finding to the class and invited individuals. In addition to applying analysis, research, project management and presentation skills, the course will challenge the student's technical knowledge to apply what has been learned in the previous curriculum to solve real-world problems. The recommended list of topics are as follows:

- X10 Camera Systems
- Web Database
- Flash/Database
- Dreamweaver/Database
- Specialty Web Site
- Animated GIFS/JPEGS

II.   LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

1.   **Perform research based on the end user specifications supplied to the student.**

      Potential Elements of the Performance:

- Prepare a written proposal outlining the goals and scope of the research project.
- Utilize available resources, including Internet-based information sources to research the topic area extensively.
- Schedule project activities and milestones to ensure completion on time.
- Acquire necessary resources including software and hardware to implement the project solution.

RESEARCH PROJECT II   CSE310

2. **Present technical research results effectively in both written and oral forms.**

Potential Elements of the Performance:

- Prepare a formal document that will serve as an end user guide to using any equipment and software.
- Present a summary of your research project to a group using appropriate presentation methods to enhance your effectiveness.

III.   **TOPICS:**

1.   Research Techniques and Sources

2.   Research Report and Presentation

IV.   **REQUIRED RESOURCES/TEXTS/MATERIALS:**

- List of suggested research projects. (supplied by instructor)
- Sign equipment out and ensure it's safe keeping.

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

End User Documentation   55%
Interim Report   15%
Project Presentation   20%
Participation   10%
                                               100%

(The percentages shown above may vary slightly if circumstances warrant.)

The following semester grades will be assigned to students in postsecondary courses:

Grade	Definition	Grade Point Equivalent
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 placement or non-graded subject area.	
U	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.	

UPGRADING OF INCOMPLETES

When a student's course work is incomplete or final grade is below 50%, there is the possibility of upgrading to a pass when a student meets all of the following criteria:

1.   The student's attendance has been good.
2.   The student has made reasonable efforts to participate in roundtable discussions, peer reviews, weekly classes and faculty reviews.
3.   Satisfactory effort was made throughout the semester to overcome delays and technical difficulties.

The nature of the upgrading requirements will be determined by the instructor and may involve one or more of the following: re-submission of final report, redesign of project solution, or completion of additional project-related tasks.

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 E1101 or call Extension 2493 so that support services can be arranged for you.

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. Ensure that all sources used in your research project are properly credited in your report.

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.

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.