** COURSE SECTION INFORMATION**

**Faculty of Technology and Trades**

**School of Advanced Technology**

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| **Software Requirements, Specification and Analysis** |

0006X Computer Engineering Technology – Computing Science

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| **Professor’s Name:** | **Edmund G. Strange** | **Course Number:** | **CST8225** |
| **Email:** | [**strange@algonquincollege.com**](mailto:strange@algonquincollege.com) | **Course Section:** | **310** |
| **Phone:** | **(613)727-4723 ext 3483** | **Academic Year:** | **2011/2012** |
| **Office:** | **T319 or T125** | **Term:** | **11W** |
| **Out of Class**  **Assistance:** | **Times to be determined** | **Academic Level:** | **05** |
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| **Section Specific Learning Resources** |

* The textbooks for this course are the same as those listed in the approved course outline available on Blackboard.
* The web sites for this course are the same as those listed in the approved course outline available on Blackboard.

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| **Learning Schedule** | |
| The Learning Schedule is part of the Calendar which is attached to this document as a separate file. |  |
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| **Other Important Information** |

* As part of this document there is a detailed calendar with due dates shown.
* Due dates will NOT be changed.
* Evaluation for assignments is for the group submissions. Individual marks will be for the test and the exam.
* You must pass both the group work and the individual work in order to progress to the next level courses.
* Notes will be posted to Blackboard on the Sunday before the class as will the reading materials and assignment materials for the week.
* Each assignment has a template for you to use as a guide to completing the assignment. Templates will be discussed in the lab.
* As this is a hybrid course reading materials(material which will NOT be covered in the theory class) will be posted on Blackboard and you are expected to read the materials and do the exercises associated with the readings.
* Time periods outside of your class time will be reserved for group and/or individual assistance. Some of these times over the course of the semester will be used to meet with the groups for review of assessments and other parts of the course.
* Although attendance is not compulsory for the scheduled classes and other times this course requires you to be a professional. We are preparing you to deal with clients and external persons for your future employment. The professor and advisor should be considered as your employers for the purposes of this course. They require you to be professional at all times with respect to this course and the sixth semester Industrial Application Development course which follows this one.
* A document will be provided to you with respect to evaluation of your conduct and the process for removal from a project group. Failure to follow instructions and failure to work as an integral part of your project group are grounds for review of your position and removal from the group. Removal from your group will result in your removal from the course and you will have to take the course over in the next semester.
* You will get access to the MSDNAA automatically for this course. You will require Visio, Project and probably Visual Studio for this course.
* The document standard is Microsoft Word 7 using Arial font and a minimum of 12 points.
* In group assignments the initials of the person(s) who created each page will be part of the footer. Each and every page of any document MUST have a header and a footer. The format for each will be posted as part of the notes
* Marks breakdown is as follows:
  + Practical
    - System Engineering Assignment 5
    - Preliminary Investigation Report 5
    - First Professor Review 5
    - SOS and Analysis 25
    - Preliminary Design 15
    - Second Professor Review 5
  + Theory
    - Mid-term Test 15
    - Final Exam 25
* As stated in the Course Outline you MUST pass both portions of the course in order to pass the course.

| **~ January 2012 ~** | | | | | | |
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| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
| 1 New Year's Day | 2 | 3 | 4 | 5 | 6 Post Notes and Group Request Form | 7 |
| 8 1 | 9 Start of Classes | 10 | 11 | 12 | 13 Group Request form due – SW Eng Ass Posted | 14 |
| 15 2 | 16 Interview | 17 Interview | 18 Interview | 19 Interview | 20 Projects Posted  Bidding Opens | 21 |
| 22 3 | 23 Sys Eng Due  Bidding Closes | 24 | 25 | 26 | 27 Projects assigned – review Sys Eng- Pi Ass Posted | 28 |
| 29 4 | 30 | 31 |  | | | |

| **~ February 2012 ~** | | | | | | |
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| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
|  |  |  | 1 | 2 | 3 | 4 |
| 5  5 | 6 First Draft of PI due 12 noon | 7 | 8 | 9 | 10 PI Review – Analysis and SOS Ass. Posted | 11 |
| 12  6 | 13 PI Final due 12 noon | 14 Valentines Day | 15 | 16 | 17 Marked PI Review | 18 |
| 19 | 20 Family Day  Study Week | 21 Study Week | 22 Study Week | 23 Study Week | Study Week | 25 |
| 26  7 | 27 | 28 | 29 |  | | |

| **~ March 2012 ~** | | | | | | |
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| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
|  |  |  |  | 1 | 2 | 3 |
| 4  8 | 5 First Draft Analysis and SOS due | 6 | 7 | 8 | 9 Review of Docs | 10 |
| 11  9 | 12 Final Draft Anal and SOS Due | 13 | 14 | 15 | 16 Review – Preliminary Design Ass Posted | 17 St Patrick |
| 18  10 | 19 | 20 | 21 | 22 | 23 Final Final Analysis and SOS docs due | 24 |
| 25  11 | 26 | 27 | 28 | 29 | 30 | 31 |

| **~ April 2012 ~** | | | | | | |
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| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
| 1  12 | 2 First Draft of PD due | 3 | 4 | 5 Draft PD Review | 6 Good Friday | 7 |
| 8 Easter  13 | 9 Final PD due | 10 | 11 | 12 | 13 PD Review | 14 |
| 15  14 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 Earth Day  15 | 23 Final Doc Set DUE | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 |  | | | | |