

# COLL208 CAPSTONE FOR COMPUTER SCIENCE AND INFORMATION SYSTEMS SYLLABUS

Instructor: Denise Farley

## QUICK INFO

- Dates: fall 2015 sub session A runs Tuesday, 9/08/15 – Wednesday, 10/28/15
- 10/20/15 - last day to withdraw with a "W"
- *General pattern unless noted: modules open sequentially on Monday at 5am, due one week later at 11:30pm; initial forums are due on Thursday, 11:30pm, reactions to initial posts close on following Monday, 11:30pm.*
- Credits: 1 semester hour
- **No** text, readings as assigned.
- Course site:  
<http://sussex.webstudy.com>
- Instructor contact:  
Denise Farley, Assistant Professor, CIS, now adjunct, 99% retired.  
e-mail: either in WebStudy (preferable) or [dfarley@sussex.edu](mailto:dfarley@sussex.edu)
- Instructor web site:  
[www.professorfarley.com](http://www.professorfarley.com)
- **Online** office hour held in WebStudy: T 8-9pm. At other times it is best to email me. I am usually online each week night evening. I respond to e-mails within 24 hours weekdays, occasionally on Saturday, not on Sunday or holidays.
- Prerequisites:  
Must have completed at least 45 credits

## LINKS TO COURSE DETAILS

[Grading](#)  
[Written Work](#)  
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[Requirements](#)  
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## CATALOG / COURSE DESCRIPTION:

This course is intended for all **Computer Science and Information Systems** degree seeking students who have completed at least 45 credits. The course is designed to assist students in the transition from the community college to a four-year educational institution or to placement in the work force. Students will explore future academic and career-related paths. Students will engage in analysis, writings and problem solving work that shall require them to think critically and reflect on the knowledge gained during their community college experience.



## REQUIRED WEBSITES:

Or equivalent sites as identified by the instructor

ACM: Association for Computing Machinery

<http://www.acm.org/>

ACM: Professional Code of Ethics

<http://www.acm.org/about/code-of-ethics/#sect1>

Online Ethics Center

<http://www.onlineethics.org/>

[SCCC Academic Support Services](#)

[SCCC Student Advisement Center](#)

## COURSE COMPETENCIES/LEARNING OUTCOMES:

*In a manner deemed appropriate by the instructor and approved by the department, students will be able to:*

1. Read and complete the analysis of an appropriate Case Study in either Computer Science or Information Systems. The analysis shall demonstrate 1. an understanding of information technology, 2. core knowledge and skills in discipline of study, and 3. the need to follow a code of conduct as identified by the discipline.
2. Identify career opportunities and discuss appropriate career goals.
3. Prepare a resume, cover letter and/or an E portfolio.

## TOPICS TO BE INCLUDED:

1. Ethics in Computer Science and/or Information Systems
2. Career and Personal Goals
3. Preparing for further education or work
4. Demonstrate program accomplishments through the creation of a resume and / or an E portfolio or similar digital site.

**GRADING / EVALUATIVE CRITERIA:**

Flow chart preparation	10%	20 pts
Case study analysis	20%	50 pts
Career exploration (graded in forum)		
Résumé packet: preparation of résumé, cover letter	20%	50 pts
Reflection	20%	50 pts
Finance exercise (graded in forum)	5%	10 pts
Forums for each module (5@ 10pts each)	20%	50 pts
<b>TOTAL</b>		<b>100% 230 pts</b>

**WRITTEN WORK:** Written work must be of excellent quality and should represent the best work that you are capable of doing. Points are deducted for spelling mistakes, grammatical errors, and poor appearance of documents. *Late submission of work is **not** accepted and will result in a zero for the assignment.* Please note: It is your responsibility to have a “plan B” when technology fails.

**ATTENDANCE:** You are expected to complete the modules in a sequential and timely manner. That means that you should log on twice weekly, complete work by the due date, participate in the forum area of the course as requested, and *complete the course on time.*

**INTEGRITY:** I expect you to master the material independently. Unless specifically stated, all work submitted for instructor evaluation should be your own. If I suspect you have cheated, you will fail the assignment. For the specific SCCC policy, please refer to academic policies, <http://sussex.edu/academics/policies/>

**Our schedule:**

09/08/15 - intro	Introduction to COLL208, selves	Introductory forum due 9/10, closes 9/14 – allows for late registrants
09/14/15 – week 1	Module I: Problem solving through flowcharting	Module I due 9/21; forum due 9/17, closes 9/21
09/21/15 – week 2	Module II Case Study	Module II due 9/28; forum due 9/24, closes 9/28
09/28/15 – week 3	Module III: Career exploration	Module III, forum only, due 10/01, closes 10/05
10/05/15 – week 4	Module IV: Résumé and cover letter	Module IV due 10/12; forum due 10/08, closes 10/12 Module IV rewrite if necessary due 10/19
10/12/15 – week 5	Finance exercise	Financial exercise, forum only, due 10/15, closes 10/19
10/19/15– week 6	Module V: reflection	Module V due 10/26, forum due 10/22, closes 10/26
10/26/15 – week 7	Open forum	Open suggestion forum closes at end of course 10/28
<b>10/28/15</b>	course ends 10/28/15	final grades posted in WebStudy and portal 10/29/15

**REQUIREMENTS****TECHNOLOGY REQUIREMENTS:**

Ability to access WebStudy and other internet links;  
 Ability to read pdf files;  
 Ability to save work as a MS docx or compatible format to MS doc or pdf file;  
 Ability to overcome technology glitches.

**LEARNER’S REQUIREMENTS:**

Ability to allocate time to complete the material;  
 Ability to work independently and collaboratively;  
 Ability to seek help when needed;

Students needing to pursue disability-related accommodations for this course must contact the campus Disability Services Provider at 973-300-2153.

*Finally, congratulations on reaching a Capstone course. I look forward to working with you in the weeks ahead. Prof. F*