

## Syllabus

**Course Number: CIS 493**

**Course Title: Senior Capstone**

### Course Description:

Provides the culminating experience of the major, focusing on integration and application of theory. Must be completed as graded course work at Regis University.

### Prerequisite Courses:

Senior standing and successful completion of 18 upper division CIS credit hours. Preferably the last course taken by the student.

### Course Overview

The Senior Capstone course is an evaluative course for the BS in Computer Information Systems and BS in Business Technology Management programs. You will be developing a Senior Project to demonstrate the skills you acquired during your time at Regis University and the College of Computer & Information Sciences. The Senior Project is developed around a case study that is introduced by the course facilitator and is subject to change every term.

### Course Outcomes:

Upon completion of this course, learners should be able to:

- Demonstrate the ability to apply knowledge of computing appropriate from their degree discipline to a significant computing problem.
- Demonstrate the ability to critically analyze a problem, and identify and define the computing requirements appropriate to its solution.
- Demonstrate the ability to creatively design and evaluate a computer-based system, process, component, or program to meet desired needs.
- Demonstrate critical and creative thinking about professional, ethical, and social responsibility including the local and global impact of their computing solution on individuals, organizations, and society.
- Demonstrate proficiency in written and oral communication skills.
- Demonstrate technical knowledge using current tools, techniques and skills to organizational systems.

- Demonstrate knowledge of processes that support the delivery and management of information systems within the business environment.
- Maintain technical competency in the face of rapid changes in the field of Information Technology.

## **Course Materials:**

### ***Required Case Study:***

You will be given the case study to purchase the first day of class by your facilitator. The case study is between \$8 and \$12.

### ***Required Resources:***

American Psychological Association (current edition). APA Publication Manual. Retrieved from <http://www.apastyle.org/>.

### ***Library Tutorials:***

Research Tutorials (n.d.). Regis University Library: see <http://libguides.regis.edu/tutorials>.

Computer and Information Science Research Tutorial, see

[https://mediaspace.regis.edu/media/Regis+Library+-+Resources+for+computer+and+information+science+/0\\_blk905nh/10579702](https://mediaspace.regis.edu/media/Regis+Library+-+Resources+for+computer+and+information+science+/0_blk905nh/10579702)

### ***Technology Tools:***

Adobe Acrobat Reader

RealPlayer (to watch the video presentations)

### ***Optional Materials:***

Purdue Online Writing Lab (OWL). Retrieved from

<https://owl.english.purdue.edu/owl/section/2/10/>.

## **Pre-Assignment:**

**Online Format:** Sign on to D2L (Home Page) and become familiar with the course navigation of the Web Curriculum.

## Course Assignments and Activities:

	Topics	Readings	Activities Assignments and Associated Points
1	Overview of Senior Project		<ul style="list-style-type: none"> <li>• Class Discussions</li> <li>• Review of Course Deliverables:               <ul style="list-style-type: none"> <li>• Senior Project Paper</li> <li>• Regis Reflection Paper</li> </ul> </li> </ul>
2	Research Overview		<ul style="list-style-type: none"> <li>• Class Discussions</li> <li>• Senior Project Research</li> </ul>
3	Senior Project Work		<ul style="list-style-type: none"> <li>• Class Discussions</li> <li>• Work on Senior Project</li> <li>• Project Status Report</li> </ul>
4	Senior Project Work		<ul style="list-style-type: none"> <li>• Class Discussions</li> <li>• Work on Senior Project</li> <li>• Project Status Report</li> </ul>
5	Senior Project Work		<ul style="list-style-type: none"> <li>• Class Discussions</li> <li>• Work on Senior Project</li> <li>• Project Status Report</li> </ul>
6	Senior Project Work		<ul style="list-style-type: none"> <li>• Class Discussions</li> <li>• Work on Senior Project</li> <li>• Project Status Report</li> </ul>
7	Senior Project Work		<ul style="list-style-type: none"> <li>• Class Discussions</li> <li>• Prepare Reflection Paper</li> </ul>
8	Course Wrap-Up		<ul style="list-style-type: none"> <li>• DUE: Senior Project Paper</li> <li>• DUE: Reflection Paper</li> </ul>

## Student Evaluation Grid:

Assignment	Value (percent of overall course grade)
Discussions/Participation	10%

<b>Project Status Reports</b>	<b>20%</b>
<b>Senior Project Paper</b>	<b>50%</b>
<b>Capstone Reflection Paper</b>	<b>20%</b>

### CC&IS Grading Scale:

Letter Grade	Percentage	Grade Point
A	93 to 100	4.00
A-	90 to less than 93	3.67
B+	87 to less than 90	3.33
B	83 to less than 87	3.00
B-	80 to less than 83	2.67
C+	77 to less than 80	2.33
C	73 to less than 77	2.00
C-	70 to less than 73	1.67
D+	67 to less than 70	1.33
D	63 to less than 67	1.00
D-	60 to less than 63	.67
F	Less than 60	0

Additional information about grading can be found in the latest edition of the University Catalog, available at <http://www.regis.edu/Academics/Course%20Catalog.aspx>.

### CC&IS Policies and Procedures

Each of the following CC&IS Policies & Procedures is incorporated here by reference. Students are expected to review this information each term, and agree to the policies and procedures as identified here and specified in the latest edition of the University Catalog, available at <http://www.regis.edu/Academics/Course%20Catalog.aspx> or at the link provided.

- The CC&IS Academic Integrity Policy.
- The Student Honor Code and Student Standards of Conduct.
- Incomplete Grade Policy, Pass / No Pass Grades, Grade Reports.
- The Information Privacy policy and FERPA. For more information regarding FERPA, visit the [U.S. Department of Education](http://www.ed.gov).
- The HIPAA policies for protected health information. The complete Regis University HIPAA Privacy & Security policy can be found here: <http://www.regis.edu/About-Regis-University/University-Offices-and-Services/Auxiliary-Business/HIPAA.aspx>.

- The Human Subjects Institutional Review Board (IRB) procedures. More information about the IRB and its processes can be found here: <http://regis.edu/Academics/Academic-Grants/Proposals/Regis-Information/IRB.aspx>.

The CC&IS Policies & Procedures Syllabus Addendum summarizes additional important policies including, Diversity, Equal Access, Disability Services, and Attendance & Participation that apply to every course offered by the College of Computer & Information Sciences at Regis University. A copy of the CC&IS Policies & Procedures Syllabus Addendum can be found here: <https://in2.regis.edu/sites/ccis/policies/Repository/CCIS%20Syllabus%20Addendum.docx>.