Syllabus

Course Number: MSCI 600
Course Title: Strategic IT

Course Description:

Often, Information Technology (IT) professionals find their jobs to be tactical and project oriented. This course challenges the student to step out of that environment to a broader, more strategic view. IT is presented as a necessary partner in the long range planning, goal setting and management of an organization.

An organization’s ability to collect data and transform the data into actionable information for management is a critical requisite for short term success and long term survival. The IT management function in today’s organization is becoming central to this process. IT needs to be managed not just to complete projects, but rather to deliver value to the organization.

As IT becomes a strategic partner in management of the organization, the role of the IT leader is evolving. IT leaders must be able to do more than manage projects. They must be long range planners, prospect for innovation, and interact effectively with a broad range of constituencies, both internal and external to the organization.

The course will simultaneously follow two paths: IT Strategy, focusing on a long term, organization wide approach to managing IT; and Leadership, focusing on the issues and IT leader faces in today’s organizations.

Prerequisite Courses:

MSCC 610 - Information Technology Concepts

Course Outcomes:

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

1. Describe and discuss the meaning of strategy, and how IT management is involved.
2. Explain how IT delivers value to an organization.
3. Define and discuss IT governance.
4. Describe and discuss how IT can be involved in innovation.
5. Describe and discuss how IT capabilities can be developed and improved.

6. Explain and discuss the roles and mandates of IT leaders in an organization.

Course Materials:
(Syllabus Author: please use APA format and include ISBN numbers)

Required Texts:


Required Resources:
1) Brown et al., chapter presentations 1-17
2) APA Writing Guideline Presentation – PowerPoint file
4) Reading Research Articles Can Be Difficult at First – Word document
5) Final Project Guidelines – Word document
6) Library Resources for SCIS graduate students: http://insite.regis.edu/library/public/CS/CS_demo.htm
7) Article by Steven Alter:


Technology Tools:

Pre-Assignment:

- Online Format: Sign on to WorldClass (Home Page) and become familiar with the course navigation of the Online Curriculum. Complete the assigned readings in the Course Activities and Assignments table below for Week
- Classroom-based Format: Complete the assigned readings in the Course Activities and Assignments table below for Week

1) Read McKeen and Smith Chapters 1-4: Delivering Value With IT
2) Read Austin et al Chapters 1-3: The Hero Called to Action
3) Read Weil and Ross Chapter 1: Transforming IT From Strategic Liability to Strategic Asset.
4) Review the McKeen and Smith text presentations for Chapters 1-4.
5) Read McKeen and Smith IT Mini Case: IT Leadership at MaxTrade

Pre-Assignment Due Dates:

Classroom-based Format: This assignment is due the first night of class.

Online Format: The instructor will specify the due date for this assignment.

Course Assignments and Activities:

Each weekly topic will have one or more presentations drawn from the website associated with the text. Those presentations will generally be directly related to the reading material assigned each week. They are intended to be self-study by the students. There will also be one or more discussion topics posted in the on-line forum by the facilitator. A key component of the student’s grade will be active participation in each weekly discussion topic(s). Homework will generally involve preparing written analyses of cases assigned by the facilitator, as well as periodic research papers on facilitator assigned topics. There will also be a final project that will require the student to bring together all of the course topics in a comprehensive analysis and evaluation of an organization’s IT Management system.

<table>
<thead>
<tr>
<th>Learning Topics</th>
<th>Activities</th>
<th>Reading Assignments</th>
<th>Assignments</th>
<th>Term Project</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pre-course Assignment</strong></td>
<td>Preparation for Class</td>
<td>Read/Review facilitator’s Course Expectations Posting; Read/Review facilitator’s Welcome Posting; Take the online course syllabus quiz.</td>
<td>Skim APA Writing Guidelines text; Review APA Writing Guidelines presentation ; Review Graduate Research Guidelines presentation</td>
<td>None.</td>
</tr>
<tr>
<td><strong>1</strong></td>
<td>IT Strategy – Delivering Value with IT; IT Leadership – Introduction.</td>
<td>Participate in on-line forum discussion.</td>
<td>Read McKeen Chapters 1-4; Read Austin Chapters 1-3; Read Weil; Chapter 1.</td>
<td>Written Case Analysis – IT Leadership at MaxTrade</td>
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<tr>
<td>Week</td>
<td>IT Strategy - Governance; IT Leadership – Cost vs. Value.</td>
<td>Participate in on-line forum discussion</td>
<td>Read McKeen Chapters 5-7; Read Austin Chapters 4-6; Read Weil Chapters 2-3.</td>
<td>Written Case Analysis – Building Shared Services at RR Communications</td>
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<tr>
<td>2</td>
<td>IT Strategy – Information Management; IT Leadership – Setting Priorities</td>
<td>Participate in on-line forum discussion</td>
<td>Read McKeen, Chapters 8-9; Read Austin Chapters 7-9; Read Weil Chapters 4.</td>
<td>None.</td>
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<tr>
<td>3</td>
<td>IT Strategy – Innovation; IT Leadership – Communication.</td>
<td>Participate in on-line forum discussion. NOTE: Students will be assigned to groups for the on-line discussion topic.</td>
<td>Read McKeen Chapters 10-11; Read Austin Chapters 10-12.</td>
<td>Written case analysis – Chapters 10-12 of Austin text.</td>
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<td>4</td>
<td>IT Strategy – Evolving Role; IT Leadership – Managing Partnerships and Emerging Technology.</td>
<td>Participate in on-line forum discussion. NOTE: Students will be assigned to groups for the on-line discussion topic. Post in the on-line forum your topic organization for the final project.</td>
<td>Read McKeen Chapters 12-14; Read Austin Chapters 13-14.</td>
<td>None.</td>
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<tr>
<td>5</td>
<td>IT Strategy – Reinventing IT Capabilities; IT Leadership – Managing Talent, Standardization and Innovation.</td>
<td>Participate in the on-line forum discussion.</td>
<td>Read McKeen, Chapters 15-17; Read Austin Chapters 15-16; Read Weil Chapters 5-6.</td>
<td>Written Assessment – Austin text Chapter 15.</td>
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### Course Policies and Procedures:

**Participation**
Because of the accelerated nature of the course, class participation is very important. Class participation/effort is important because we can all learn from each other. Your participation points can make a difference in the final grade. If the student doesn't participate during any given week, they will lose the participation points of that week.

Participation means:

1. a. Present in class every session (classroom)
   b. Present in the forum every week (online)
2. a. Effectively responds to questions from the facilitator (classroom)
   b. Regularly checks forum and post all required assignments/discussion questions/items by the deadlines (online)
3. Contributes to classroom/forum discussions, etc.

### CC&IS Grading Scale

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Percentage</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93 to 100</td>
<td>4.00</td>
</tr>
<tr>
<td>A–</td>
<td>90 to less than 93</td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td>87 to less than 90</td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td>83 to less than 87</td>
<td>3.00</td>
</tr>
<tr>
<td>B–</td>
<td>80 to less than 83</td>
<td>2.67</td>
</tr>
<tr>
<td>C+</td>
<td>77 to less than 80</td>
<td>2.33</td>
</tr>
<tr>
<td>C</td>
<td>73 to less than 77</td>
<td>2.00</td>
</tr>
<tr>
<td>C–</td>
<td>70 to less than 73</td>
<td>1.67</td>
</tr>
<tr>
<td>D+</td>
<td>67 to less than 70</td>
<td>1.33</td>
</tr>
<tr>
<td>Grade</td>
<td>Range</td>
<td>Value</td>
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<td>-------</td>
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</tr>
<tr>
<td>D</td>
<td>63 to less than 67</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>60 to less than 63</td>
<td>.67</td>
</tr>
<tr>
<td>F</td>
<td>Less than 60</td>
<td>0</td>
</tr>
</tbody>
</table>

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](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](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 HIPPA 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](http://www.regis.edu/About-Regis-University/University-Offices-and-Services/Auxiliary-Business/HIPAA.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](https://in2.regis.edu/sites/ccis/policies/Repository/CCIS%20Syllabus%20Addendum.docx).