Preliminary Course Syllabus: Spring 2, 2018

I. Course Information

1. Course Name          Cloud Computing
2. Course Number         RSEG-176
3. Course Start & End Dates; Class Meeting Times
   • April 11 - Jun 19, 2017
   • Distance Learning Course Week: Wednesday through Tuesday

Instructor Information
Ari Davidow, Instructor
Email: aridavidow@brandeis.edu
Office Hours: To be determined by the class.
Email is always the best and fastest way to reach me. If you need to call, please leave a
message if necessary and I’ll get back to you as soon as I can. Beware that I do not necessarily
check voice mail daily.

Document Overview
This syllabus contains all relevant information about the course: its objectives and outcomes,
the grading criteria, the texts and other materials of instruction, and of weekly topics,
outcomes, assignments, and due dates. Consider this your roadmap for the course. Please read
through the syllabus carefully and feel free to share any questions that you may have. Please
print a copy of this syllabus for reference.

Course Description

Catalog Description
The data center is increasingly virtual. In this class, students will explore “cloud”-based
services, ranging from “Software as a Service”—using internet-based software suites such as
Google Docs or Salesforce.com, through platform-based systems (PaaS) such as Microsoft’s
Azure environment that make it easy to focus on developing new apps or services, to complete
cloud-based infrastructure (IaaS) such as Amazon’s Web Services.

The class also explores how use of the cloud also changes how we “do” IT. Cloud-based services
are especially well-suited to Agile development and Lean Startup thinking. This leads to new
ideas such as DevOps and “continuous deployment.” In addition, use of SaaS security systems
changes how we integrate systems, how we handle identity and access management (IAM),
opening up new threats—and new opportunities—to keep data secure. Finally, we will look at
how the cloud enables us to work with more data than ever before, “Big Data”—NoSQL
databases and scalable infrastructure (e.g., Hadoop).
Students will learn how to evaluate the various cloud-based services and how to communicate that evaluation to decision-makers in the organization.

There will also be a hands-on practicum using Amazon Web Services (AWS) and exploring the most common features of Infrastructure as a Service (IaaS), and how IaaS, overall, differs from older paradigms of systems management and program architecture.

I have tried to make the procedures that we will use clear to everyone through this syllabus and through the materials posted in LATTE. Please familiarize yourself with these materials and feel free to ask me any questions that you may have. I will work with you all to help you learn and apply these new skills, and I encourage you to ask questions when you are unsure and answer questions when you have the responses; in explaining how to approach problems, we learn more ourselves. We can all learn from each other, and I hope that we’ll have open and enriching discussions as we move forward!

My biography has been posted to our discussion forums (Introduce Yourself forum in Week 1). I look forward to reading your biographies and getting to know you as well.

Relevant Programs
Graduate elective course for the MS in Software Engineering

Course Requirements:
- Students must know how to install software and to deploy a website from the command line.
- Students must either understand web programming in PHP (the language in which the sample code is written), or be comfortable translating sample code into another environment. Students may use use either Linux or Windows for programming assignments.
- Exceptions to the above requirements are allowed at the discretion of the instructor.

Materials of Instruction
a. Required Texts
   Wittig, Andreas & Michael. *Amazon Web Services in Action, 2e*. (Manning, 2018—must be ordered as ebook directly from the publisher’s MEAP program)

b. Required Software:
   - Free learning account on Amazon Web Services and any open source or commercial supporting tools, as preferred by the student.

c. Recommended Journal Articles and Resources/Links
   Optional journal articles will be available on the course site in many weeks.

d. Recommended Texts
   McCreary, Dan & Ann Kelley. *Making Sense of NoSQL* (Manning, 2013)
   van Vliet, Paganelli, Geurtsen. *Resilience and Reliability on AWS*. (O’Reilly, 2013)
There are a wide variety of FREE Kindle-formatted AWS “getting starting” guides, starting with Getting Started Guide: AWS Free Usage Tier. These can be downloaded directly from amazon.com, or via links inside the course.

Cloud Computing is a rapidly evolving field. Students can expect to be referred to additional texts, available online via their Brandeis Library Safari account, as relevant.

e. Online Course Content

- **This section of the course will be conducted completely online using Brandeis’ LATTE site, available at** [http://latte.brandeis.edu](http://latte.brandeis.edu). **The site contains the course syllabus, assignments, our discussion forums, links/resources to course-related professional organizations and sites, and weekly checklists, objectives, outcomes, topic notes, self-tests, and discussion questions. Access information is emailed to enrolled students before the start of the course. To begin participating in the course, review the Welcoming Message and the Week 1 Checklist.**

Overall Course Outcomes

By the end of the class students will be able to

- Describe the major categories of cloud-based services and the major trends in cloud computing and be able to explain the impact of cloud computing on the role of corporate IT;
- Describe new roles and approaches to software development tuned to the cloud, starting with DevOps and the idea of continuous development;
- Assess specific services, evaluate whether or not they are appropriate to specific challenges, and plan their implementation, where relevant;
- Describe how the Cloud has enabled Enterprises to rethink how data are gathered, analyzed, and processed, using NoSQL databases, and scalable infrastructure such as Hadoop;
- Evaluate security challenges in the Cloud (and affordances), and understand current best practices;
- Successfully carry out backup, system imaging, disaster recovery;
- Successfully set up, monitor, and maintain a reasonably complex web-based service on Amazon Web Services (the course practicum).

Course Grading Criteria

<table>
<thead>
<tr>
<th>Percent</th>
<th>Component</th>
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<tbody>
<tr>
<td>30%</td>
<td>Discussions/Online participation: (3% per week, 10 weeks)</td>
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<tr>
<td>40%</td>
<td>Two group projects (20% each)</td>
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<tr>
<td>30%</td>
<td>Final Paper</td>
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</table>

Description of Assignments

**1a. Individual Discussions/ Online Participation (30%. 3% per week)**

There are two forum areas within each weekly block:
• Week [n] Discussions forum (All, participation in one of the discussion questions by Saturday; participation in the weekly summary topic by Monday)
• Week [n] Optional Open Forum

In the optional Weekly Open forums, students can share any questions or comments pertaining to the topics covered in the corresponding weeks. This will also be a place to discuss news and new articles about Cloud Computing as they appear or are discovered on the web.

Posting Requirements

• Post an original response to one of two weekly discussion questions in the Week before Saturday (midnight EST).
• Post an original response to the weekly reading summary discussion question on or before Monday (midnight EST).
• Post at least two substantive replies to the posts of others, in the Week [n] Discussions forum or the Week [n] Open forum on or before Tuesday (midnight EST). These other posts are responses to the discussion topic messages of others. The assumption is that you will read through the posts of your classmates to enhance your learning; respond to those of your choice, based upon your own experiences and insights.
• Post to the discussions on at least three different days of the course week.
• These are the minimum requirements - doing just the above will get you a passing grade, but not an A.

Viewing Forum Posts

• I have set up the Required Discussions so that you will not be able to view the responses of others until you post a response to my starter thread. This will be the case each course week from Wednesday through early Tuesday morning.
• If you do not intend to post an original response to a given thread, you can make a “posting just to see” post, which will also enable you to see all other responses in that thread.

Evaluation Criteria

Each week, 100 raw points may be earned toward the participation component of the grade.

Original Responses

Maximum raw points earned for original responses each week (Discussion Questions or Weekly Summary): 30 points each, 60 points total. Evaluation Criteria:

• (8 pts) Includes your own insights into the topics, sharing your professional experiences as appropriate and your own conclusions
• (8 pts) Includes references to weekly required readings and/or other external sources, cited appropriately. All original responses - both the Saturday Discussions forum and the Weekly Summary - must draw on external references which may include my topic notes, the additional readings, the text, or other sources that you locate to support and justify your responses.
• (8 pts) Answers the question posed completely
• (3 pts) Consists of at least 200-300 words
• (3 pts) Well written, with no spelling or grammatical errors
• One day late: -15 out of 30 possible raw points; more than one day late: no credit

Substantive Replies

Maximum raw points earned for substantive replies: 15 points each, 30 points total.
Evaluation Criteria:
• (12 pts) Substantive (beyond an "I agree" or complimentary post) with:
  o Follow-on points from your related experiences and/or from the readings
  o Follow-up questions of others to extend the conversation (encouraged)
  o Consists of at least 200 words
• (3 pts) Grammar/spelling/format/sources noted as appropriate
• One or more days late: no credit

Posting on Three Days of the Course Week
• Post on three days of the course week: 10 points (full credit)
• Post on two days of the course week: 6 points
• Post on one day of the course week: 2 points

Thoughts on Discussions
Keep in mind that these postings to the forums will be as rich as we make them; not having a
traditional classroom in which to discuss topics, we can have some interesting discussions and
share our experiences during the 10 weeks. They are required to encourage you to share your
knowledge and ideas while gaining from the experiences of your peers as well. You will quickly
adjust to the weekly requirements and become familiar with the review criteria, and I look
forward to some rich discussions.

2. Projects
There will be two group projects that will involve work based on the practicum, as well as
documentation and proposal-writing. Groups are chosen randomly—if your group does not have people
with both technical and with writing skills, let me know so that we can re-arrange the groups. The final
paper is an individual project and can either be a practicum-based demo with documentation, or a
non-technical proposal for migration to, and/or creation of a new service in the Cloud. In all cases,
documentation and/or papers must look professional and be of a level that could be presented at the
workplace.

3. Final Project
As noted above, the final project will be based on the assumption that the student will be
migrating or initiating services using XaaS ("X"=any relevant cloud-based service or platform)
and will consist of a proposal, to include a statement of the problem which will be solved by migration
to the cloud, a detailed explanation of the project, and a proposed schedule and budget. The
proposal must be justified with references to class readings (or sources on the web) and will consist
of 10-20 single-spaced pages. Alternatively, the practicum variant for the final project will involve
setting up a pilot demonstration of a proposed service with enough documentation and working
parts as to enable credible evaluation of the pilot’s production potential.

II. Weekly Information
On the course site, the course homepage contains 10 sections, or blocks, one for each week of the course. On each weekly block, you will find:

- Week [n] Checklist (readings, postings and due dates, assignments/assessments)
- Week [n] Participation Requirements (text of discussion questions)
- Week [n] Outcomes and Objectives
- Week [n] Discussions and Open Forums
- Week [n] Topic Notes
- Week [n] Additional Readings
- Week [n] Assignments
- Week [n] Participation Grade

As appropriate, you will find assignment related materials in the corresponding weekly blocks, once their availability dates have passed.

<table>
<thead>
<tr>
<th>Week 1</th>
<th>Introduction to “Cloud Computing, Apr 11 - Apr 17”</th>
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<tbody>
<tr>
<td><strong>Outcomes</strong></td>
<td>At the end of the week, students will be able to:</td>
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<tr>
<td></td>
<td>• Explain the technologies and challenges that led to cloud computing</td>
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<td>• Describe common Use Cases where cloud-based computing solves persistent corporate IT problems;</td>
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<td></td>
<td>• Describe cloud-based architectures.</td>
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<tr>
<td><strong>Readings</strong></td>
<td>• Welcome Message</td>
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<td></td>
<td>• General Course/LATTE Tips</td>
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<td></td>
<td>• Orientation Materials</td>
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<td></td>
<td>• Rosenberg &amp; Mateos, Ch 1-3</td>
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<td></td>
<td>• Marinescu, Ch 1</td>
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<td></td>
<td>• Week 1 Required Topics</td>
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<tr>
<td></td>
<td>• Week 1 Additional Readings (recommended)</td>
</tr>
<tr>
<td><strong>Assignments / Assessments / Self-Assessments</strong></td>
<td>• Review Course/Syllabus</td>
</tr>
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<td></td>
<td>• Complete Academic Integrity Agreement quiz (required)</td>
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<tr>
<td></td>
<td>• Introduce Yourself Forum: post your introduction by Saturday</td>
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<td></td>
<td>• Private Forum: reply to my post to you there by Saturday</td>
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<td></td>
<td>• Participate in Week 1 Discussions: see Discussion Details, online</td>
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<thead>
<tr>
<th>Week 2</th>
<th>Cloud Platforms: Software as a Service (SaaS), Apr 18 - Apr 24</th>
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<tbody>
<tr>
<td><strong>Outcomes</strong></td>
<td>At the end of the week, students will be able to:</td>
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<td>• Describe several cloud-based services, including their advantages and disadvantages over common Enterprise-hosted applications</td>
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<td>• Provide objective criteria to assess costs, risk, and functionality of cloud-based applications vs. existing Enterprise-hosted applications</td>
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<td></td>
<td>• Set up a simple application using Amazon Web Services</td>
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<tr>
<td><strong>Readings</strong></td>
<td>• Wittig, Chapter 1-2</td>
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<td></td>
<td>• Week 2 Topics</td>
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<td></td>
<td>• Week 2 Additional Readings (recommended)</td>
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<tr>
<td><strong>Assignments / Assessments / Self-Assessments</strong></td>
<td>• Participate in Week 2 Discussions: see Discussion Details, online</td>
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<tr>
<td></td>
<td>• Complete setting up AWS account and complete Wittig exercises</td>
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<tr>
<td></td>
<td>• Begin first project (to be posted Week 2), due at end of Week 4</td>
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<tr>
<td>Week 3</td>
<td>Cloud Platforms: Platform as a Service (PaaS), Apr 25 - May 1</td>
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<tr>
<td>Outcomes</td>
<td>At the end of the week, students will be able to:</td>
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<td></td>
<td>• Explain what PaaS is and where it offers significant advantages;</td>
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<td>• Describe several current PaaS vendors, their offerings, and how these differ from local equivalents;</td>
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<td>• Provide objective criteria to assess PaaS affordances as they apply to the students’ specific Enterprise environments.</td>
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<tr>
<td>Readings</td>
<td>• Wittig, Ch 3 (Using virtual servers)</td>
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<td>• Carlson, Ch 2-3 (Ch 1-4 recommended)</td>
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<td></td>
<td>• Week 3 Required Topics</td>
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<td></td>
<td>• Week 3 Additional Readings (recommended)</td>
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<tr>
<td>Assignments / Assessments / Self-Assessments</td>
<td>• Participate in Week 3 Discussions: see Discussion Details, online</td>
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<tr>
<td></td>
<td>• Complete exercises in Wittig 3</td>
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<td>• Continue work on first project</td>
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<tr>
<th>Week 4</th>
<th>Cloud Platforms: Infrastructure as a Service (IaaS), May 2 - May 8</th>
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<tbody>
<tr>
<td>Outcomes</td>
<td>At the end of the week, students will be able to:</td>
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<td></td>
<td>• Describe Amazon’s basic service components and how they integrate with each other, and how they compare to traditional IT infrastructure and services;</td>
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<td>• Automate simple functions on AWS;</td>
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<td>• Discuss service continuity issues unique to web-based services.</td>
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<tr>
<td>Readings</td>
<td>• Martinescu, Ch 3</td>
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<td>• Wittig, Ch 4 (Programming infrastructure)</td>
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<td></td>
<td>• Week 4 Required Topics</td>
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<td>• Week 4 Additional Readings (recommended)</td>
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<td>Assignments / Assessments / Self-Assessments</td>
<td>• Participate in Week 4 Discussions: see Discussion Details, online</td>
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<td></td>
<td>• Complete assignments in Wittig</td>
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<td>• First project due</td>
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<tr>
<th>Week 5</th>
<th>Introduction to DevOps, May 9 - May 15</th>
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<tr>
<td>Outcomes</td>
<td>At the end of the week, students will be able to:</td>
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<td></td>
<td>• Describe and take advantage of DevOps as a way to rethink creating and maintaining Cloud services;</td>
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<td>• Create new services using cloud-based affordances;</td>
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<tr>
<td>Readings</td>
<td>• Rosenberg &amp; Mateos, Ch 7</td>
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<td>• Mandi Walls, “Building a DevOps Culture</td>
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<td>• Wittig, Ch 5 (Automating Deployment)</td>
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<td></td>
<td>• Week 5 Required Topics</td>
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<td></td>
<td>• Week 5 Additional Readings (recommended)</td>
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<tr>
<td>Assignments / Assessments / Self-Assessments</td>
<td>• Participate in Week 5 Discussions: see Discussion Details, online</td>
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<td></td>
<td>• Complete assignments in Wittig</td>
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<tr>
<td></td>
<td>• Begin work on second project, due at end of Week 7</td>
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</tbody>
</table>
### Week 6 | Security, May 16 - May 22

**Outcomes**  
At the end of the week, students will be able to:  
- Explain and evaluate Cloud Security issues;  
- Understand relevant IAM standards and protocols for cloud services  
- Apply Cloud Security “best practices”

**Readings**  
- Rosenberg & Mateos, Chapter 7  
- Wittig, Ch 6 (Security)  
- Week 6 Topics  
- Week 6 Additional Readings (recommended)

**Assignments / Assessments / Self-Assessments**  
- Participate in Week 6 Discussions: see Discussion Details, online  
- Complete assignments in Wittig  
- Continue work on second project, due at end of Week 7

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### Week 7 | Cloud Architecture, May 23 - May 29

**Outcomes**  
At the end of the week, students will be able to:  
- Recognize and explain common cloud architecture patterns;  
- Be familiar with AWS data and object storage patterns;  
- Be familiar with the concept of “Cloud Native Architecture”

**Readings**  
- Rosenberg & Mateos, Ch 5  
- Marinescu, Ch 4  
- Wittig, Ch 7-8 (Storage)  
- Week 7 Topics  
- Week 7 Additional Readings (recommended)

**Assignments / Assessments / Self-Assessments**  
- Participate in Week 7 Discussions: see Discussion Details, online  
- Complete exercises in Wittig  
- Second project due Tuesday night, 11:55pm

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### Week 8 | Introduction to NoSQL and Big Data, May 30 - Jun 5

**Outcomes**  
At the end of the week, students will be able to:  
- Understand various models of NoSQL databases;  
- Understand why Big Data forks away from the relational model;  
- Set up a simple AWS NoSQL database;

**Readings**  
- Rosenberg & Mateos, Chapter 6  
- Marinescu, Chapter 8  
- McCreary & Kelly, Ch 1-2 (3-4 recommended)  
- Wittig, Ch 9-10 (RDS, NoSQL)  
- Week 8 Topics  
- Week 8 Additional Readings (recommended)

**Assignments / Assessments**  
- Participate in Week 8 Discussions: see Discussion Details, online  
- Complete exercises in Wittig  
- Begin work on final project, due at end of Week 10
### Week 9
**Planning Service Migration to the Cloud, Jun 6 - Jun 12**

| Outcomes                              | At the end of the week, students will have an understanding of:  
|---------------------------------------|------------------------------------------------------------------  
|                                       | • Recognize cloud-based opportunities and plan appropriate service migration to the cloud;  
|                                       | • Manage and implement code and data migration to the cloud;  
|                                       | • Integrate cloud-based services with existing IT infrastructure. |

| Readings                              | Rosenberg & Mateos Chapter 8  
|                                       | David Lithicum, "Application Migration Planning & Best Practices", 20 minute webinar, 2013 (20 min. webinar)  
|                                       | Wittig, Chapter 11-12 (High availability, de-coupling infrastructure)  
|                                       | Week 9 Topics  
|                                       | Week 9 Additional Readings (recommended) |

| Assignments / Assessments / Self-Assessments | Participate in Week 9 Discussions: see Discussion Details, online  
|                                            | Complete assignments in Wittig  
|                                            | Continue work on final project |

### Week 10
**The Future of Cloud Computing, Jun 13 - Jun 19**

| Outcomes                              | At the end of the week, students will be able to:  
|---------------------------------------|------------------------------------------------------------------  
|                                       | • Identify current XaaS trends and issues;  
|                                       | • Discuss current analyst predictions for the future of the cloud, and how/where they intersect with the student’s current enterprise environment;  
|                                       | • Assess and plan for the Mobile Cloud;  
|                                       | • Have good sources to stay current with developing cloud-based trends. |

| Readings                              | Rosenberg & Mateos Chapter 9  
|                                       | Mike Barlow, “The Changing Role of the CIO”  
|                                       | Wittig, Ch 13-14 (Fault tolerance, scaling)  
|                                       | Week 10 Topics  
|                                       | Week 10 Additional Readings (recommended) |

| Assignments / Assessments / Self-Assessments | Participate in Week 10 Discussions: see Discussion Details, online  
|                                            | Final Wittig exercises  
|                                            | Final project due by end of Week 10 |
III. Course Policies and Procedures

Orientation

From the Home Page of the course site, students are expected to read all of the Orientation Materials available. These are located within the top-most center block.

Asynchronous Work

All required work for the course may be done asynchronously; i.e., students can login to the course, read/download materials, post to the forums, and submit assignments throughout the course week. Please carefully follow the syllabus and the weekly checklists to help manage your time throughout the course week; once we enter week 2 or 3, students typically become much more comfortable with the pace and flow of the course.

Work Expectations

Students are responsible to explore each week's materials and submit required work by their due dates. On average, a student can expect to spend approximately 3-5 hours per week reading and approximately 7-9 hours per week completing assignments and posting to discussions. The calendar of assignments and due dates is located at the end of this syllabus, and all assignments are due by the close of the associated week (Tuesday evenings).

Late Policies

A discussion post (original response) submitted one day after due date will receive a 50% point reduction; original responses submitted more than one day late will receive no credit. Replies may be posted late but will receive no credit.

Points will be deducted for late assignments according to the following scale:

- 1-2 days late - 5 points
- 3-4 days late - 10 points
- 5-6 days late - 15 points
- 7 or more days late not accepted

Late Final Projects will not be accepted.

Confidentiality in the Classroom

While typically assumed in the more traditional "on-ground" classroom, as we proceed throughout our Discussions, I'd like to highlight a point about confidentiality in our online classroom.

We can draw on the wealth of examples from our organizations in class discussions and in our written work. However, it is imperative that we not share information that is confidential, privileged, or proprietary in nature. We must be mindful of any contracts we have agreed to with our companies. In addition, we should respect our fellow classmates and work under the assumption that what is discussed here (as it pertains to the workings of particular organizations) stays within the confines of the classroom.
Finally, for your awareness, members of the University's technical staff have access to all course sites to aid in course setup and technical troubleshooting. Program Chairs and a small number of Graduate Professional Studies (GPS) staff have access to all GPS courses for oversight purposes. Students enrolled in GPS courses can expect that individuals other than their fellow classmates and the course instructor(s) may visit their course for various purposes. Their intentions are to aid in technical troubleshooting and to ensure that quality course delivery standards are met. Strict confidentiality of student information is maintained.

Grading Standards

Students are graded on demonstration of knowledge or competence, rather than on effort alone. Each student is expected to maintain high standards of honesty and ethical behavior. All assignments are meant to represent your own work. I expect students to conduct themselves courteously online. If in my judgment a student's conduct is not courteous, I reserve the right to reduce that student's grade.

How Points and Percentages Equate to Grades

<table>
<thead>
<tr>
<th>Points</th>
<th>Grade</th>
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<tbody>
<tr>
<td>100-94</td>
<td>A</td>
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<tr>
<td>93-90</td>
<td>A-</td>
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<td>89-87</td>
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Feedback

Feedback will be provided on assignments and the exam within 10 days of the due date. Within 7 days of the close of each week, feedback will be provided on weekly participation via the associated Weekly Participation Feedback assignments; you do not have to submit anything to these assignments. I will be recording your weekly participation grades and providing narratives describing your discussion posts (participation) for that week.

Calendar of Due Dates

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Available</th>
<th>Date</th>
<th>Due</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Project</td>
<td>Weds, Week 2</td>
<td>May 31</td>
<td>Tues, Week 4</td>
<td>Jun 20</td>
</tr>
<tr>
<td>Second Project</td>
<td>Weds, Week 5</td>
<td>Jun 21</td>
<td>Tues, Week 7</td>
<td>Jul 11</td>
</tr>
<tr>
<td>Final Project</td>
<td>Weds, Week 8</td>
<td>Jul 12</td>
<td>Tues, Week 10</td>
<td>Aug 1</td>
</tr>
<tr>
<td>Responses to at least 1 Discussion Question</td>
<td>by Sat night, 11:55pm, each week</td>
<td></td>
<td></td>
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<tr>
<td>Post on Weekly Summary</td>
<td>by Mon night, 11:55pm, each week</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Other Substantive Posts (2 per week)</td>
<td>2 by Tues night, 11:55pm, each week</td>
<td></td>
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</tr>
</tbody>
</table>
Please review the policies and procedures of Graduate Professional Studies, found at http://www.brandeis.edu/gps/students/studentresources/policiesprocedures/index.html. We would like to highlight the following.

Learning Disabilities

If you are a student with a documented disability on record at Brandeis University and wish to have a reasonable accommodation made for you in this course, please contact me immediately.

Academic Honesty and Student Integrity

Academic honesty and student integrity are of fundamental importance at Brandeis University and we want students to understand this clearly at the start of the term. As stated in the Brandeis Rights and Responsibilities handbook, “Every member of the University Community is expected to maintain the highest standards of academic honesty. A student shall not receive credit for work that is not the product of the student’s own effort. A student’s name on any written exercise constitutes a statement that the work is the result of the student’s own thought and study, stated in the student’s own words, and produced without the assistance of others, except in quotes, footnotes or references with appropriate acknowledgement of the source.” In particular, students must be aware that material (including ideas, phrases, sentences, etc.) taken from the Internet and other sources MUST be appropriately cited if quoted, and footnoted in any written work turned in for this, or any, Brandeis class. Also, students will not be allowed to collaborate on work except by the specific permission of the instructor. Failure to cite resources properly may result in a referral being made to the Office of Student Development and Judicial Education. The outcome of this action may involve academic and disciplinary sanctions, which could include (but are not limited to) such penalties as receiving no credit for the assignment in question, receiving no credit for the related course, or suspension or dismissal from the University.

Further information regarding academic integrity may be found in the following publications: “In Pursuit of Excellence - A Guide to Academic Integrity for the Brandeis Community”, “(Students’) Rights and Responsibilities Handbook” AND “Graduate Professional Studies Student Handbook”. You should read these publications, which all can be accessed from the Graduate Professional Studies Web site. A student that is in doubt about standards of academic honesty (regarding plagiarism, multiple submissions of written work, unacknowledged or unauthorized collaborative effort, false citation or false data) should consult either the course instructor or other staff of the Rabb School Graduate Professional Studies.

University Caveat

The above schedule, content, and procedures in this course are subject to change in the event of extenuating circumstances.