# IS 324 Syllabus

## Enterprise Architecture

Introduction to the modern enterprise architecture and the always evolving technology environment. Major topics include: computer networks, Internet infrastructure, Web 2.0, online collaboration, social media, content management, Enterprise 2.0, SaaS, cloud computing, and portals.

The Learning Objectives of this course provide that upon completion students will:

- demonstrate conversational knowledge of key Networking concepts and terminology
- recommend appropriate technical solutions to networking issues (local and enterprise)
- make recommendations for the implementation of enterprise infrastructure components
- demonstrate appropriate application of cloud computing models for the enterprise
- examine the components of SLA, RFP and IT Governance and critique their use in the enterprise
- differentiate between roles of social media, collaboration technologies and social networking in the enterprise
- assess the impacts on Enterprise Infrastructure of current trends in industry (such as BYOD, Business Intelligence, and Business Analytics)
- design and construct a CMS blogsite for an organization/community of their choosing.

This is a survey class, so many topics will be covered and none will be covered to extreme depth. Note that the syllabus may be updated as needed during the course of the quarter.

It is understood that some students already have experience or expertise in specific subsets of the course material. The intention is to bring everyone up to speed on all of these topics to better enable students to excel in their respective program and in their future careers.

**Autumn 2019-2020**
Class Meets: Thursday nights 5:45 -9pm in LEWIS 01108
Learning Management System: D2L found at https://d2l.depaul.edu
Prerequisite: IT/ IS 215

Reading Material: There is no text to purchase. Reading assignments will be made from the Web, and posted articles on D2L. **There will be significant reading and research during this class.**

Internet Platform: Every student is expected to secure an online hosting account. The options for this are: You may be able to secure a FREE account (or the half is $15 for custom site domain registration) account from Siteground using your DePaul provided email (more info on this in the Project FAQ) or you may choose to purchase an account from Siteground or other approved provider which may run about $30 for 1 year of hosting. If you already have a personal webhost account, it is possible that account will meet your needs. It is not permitted for students to share an account as one of the objectives of this requirement is to provide every student with the experience of managing such an environment herself/himself. This requirement will be discussed further in the initial class session, please WAIT before purchasing site hosting. You will be given the referral links to SiteGround.com in the first class period.

Online Learning: You will be required to participate in the course through a series of discussion topics. There will not be real-time Online access to this course although all class periods are recorded through D2L.

# IS 324 Syllabus

## Assignments/Grading:

**Note**: Any web assignment, discussion posting, memo assignment or exam turned in late will suffer a deduction of points. It is important that you adhere to the due dates.
The guidelines are:

| | |
|---|---|
| • < 12 hours late = full points | • 1-3 days late = 25% deduction |
| • 12-24 hours late = 10% deduction | • > 3 days (72 hours) = 50% deduction |

1. **Web Assignments**: Each student will be required to create and host a community CMS on their webhost account. This site will be built in WordPress; students may propose an alternative platform if there is desire to learn something specific (although the support from the instructor may be limited). Specific design requirements will be provided for these assignments. There will be 5 total assignments. The requirements are mandatory. **Web Assignments 25%**

2. **Memo Assignments**: Individually written memos. There will a few memos you must write. Each is about 1200-1500 words (2-3 pages). The backstory will be posted on D2L to help you with context. Read it before you begin researching the first memo. **Note: IS324** students are required to write a minimum of **4** memos. **Memos 30%**

3. **Discussions**: All students are graded on their discussion participation on D2L and will also participate in group activities. **Discussions 10%**

4. **Reflection Essay**: At the end of the class you will be asked to write a reflection essay. It will consist of any personal insights you have gained from the course. ***Reflection Essay 5%***

5. **Final Exam 30%**

**Grading**

| | | | | | |
|---|---|---|---|---|---|
| A | = | 93% - 100% | C+ | = | 78% - 79.99% |
| A- | = | 90% - 92.99% | C | = | 73% - 77.99% |
| B+ | = | 88% - 89.99% | C- | = | 70% - 72.99% |
| B | = | 83% -87.99% | D+ | = | 68% - 69.99% |
| B- | = | 80% -82.99% | D | = | 60% - 67.99% |
| | | | F | = | 0% - 59.99% |

Note: Incompletes are usually not given unless there is an emergency situation. Incompletes require CDM administration approval, and are not solely up to the Instructor.

## Academic Integrity Policy

This course will be subject to the faculty council rules on the Academic Integrity Policy

Instructor: **Rajeev Kumar**
Email: Rajeev.kumar@depaul.edu– ***(the best method to reach me) or***
Phone number: 312-498-5105 – ***(text or phone call -second best method to reach me)***
Office Hours are Thursdays: 9-10pm (In Class) & online/via phone/ appointment