

# Selected Topics in Information Technology

## 70-983

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The course is divided into two halves. The first half will be devoted to introductory lectures on each of the topics, and the latter half to student presentations and discussions.

Your grade is based on:

Participation: 20%

In-class presentation: 20%

Project and Written report: 60%

Topics to be covered: (Topics may be changed – a final list will be distributed in the opening lecture)

- 1) Web Services
- 2) SOA and SaaS
- 3) Open Source
- 4) Mashups

The topics are interrelated and we will be discussing each in an attempt to understand both the specific technology, and its impact or relationship with the other topics. Emphasis will be placed on organizational impact.

The rest of the course will be dedicated to design sessions, student presentations and discussions of the topics. Each team will be provided with a reading list of articles to advance their study.

No text book.

Links to reading material on each topic will be provided.

In addition to producing in-depth research reports, there will be an opportunity for interested students to combine the *implementation* of a mashup or WS-based application, with documentation of the development process and discussion of the results and impact.

Attendance is required at all class meetings.