



## שם ומספר הקורס: סמינר מערכות מידע 70-731

סוג הקורס: סמינר  
שנת לימודים: תש"ע  
סמסטר: שנתי  
היקף שעות: 2

אתר הקורס באינטרנט: <http://faculty.biu.ac.il/~dgs>

א. **מטרות הקורס** (מטרות על / מטרות ספציפיות):

ב. **תוכן הקורס**: (רציונל, נושאים)

### Milestones and Deadlines

- One in-class session at the start of the first semester to review goals and guidelines.
- Each seminar must be done in pairs.
- Choose a topic from the available topics on the list that will be provided in the first lecture. **First come first served basis. Sample list below, but this will change.**
- Submit your choice of topic and team member names by email
- Receive approval of your choice, by email.
- Start your research using the articles in the special reference issue and find **at least 5 additional related articles** on your own.
- Face-to-face meetings by appointment to discuss your progress, to be scheduled at least once each semester.
- Submit your research report in Word or PDF format, **before the end of Semester Bet** by email only to [dschwar@mail.biu.ac.il](mailto:dschwar@mail.biu.ac.il)

### The Written Report

Your report should follow this basic structure: (Average report length is 40-50 double-spaced pages)

1. Title Page
2. Table of Contents
3. List of Tables and Figures
4. Executive Summary / Abstract
5. Introduction, Motivation, and Goals
6. Background
  - Business Background and relevant literature
  - Technological Background and relevant literature
  - Theoretical Background and relevant literature

## 7. Article Summaries and Related Work

- Summaries of the starting articles you were provided on the topic
- Summaries of the 5+ additional articles that you found relevant

## 8. Main Discussion

1. Technical challenges
2. Organizational/Social implications of the technology
3. Business implications of the technology

## 9. Future Directions

## 10. Summary and Conclusions

## 11. Bibliography

## 12. Appendices

The written seminar report should make use of the sources given as a starting point.

Each reference used in the report should be properly cited in the body of the text and listed in the bibliography section. Bibliography references should be in alphabetical order at the end of the report. References in the body of the report should follow standard APA style citations (See: [http://owl.english.purdue.edu/handouts/research/r\\_apa.html](http://owl.english.purdue.edu/handouts/research/r_apa.html) for APA report guidelines). Not following proper reference and citation formats results in an automatic 5 point deduction from your final grade

The report should begin with a description of the issue or problem you are addressing, followed by sections providing the technological, market, business, and theoretical background on the subject. The body of the work includes your findings and analysis followed by recommendations and future research directions. End with a summary, conclusions, bibliography, and supplementary material.

The report should include a table of contents and list of figures and tables. Each table and figure should be numbered and these numbers should be used in the text when referring to a particular table or figure.

**ד. ביבליוגרפיה: (חובה/רשות)**

### **Available Topics – THESE WILL CHANGE EACH YEAR.**

- 1) RFID: Tagging the World, Communications of the ACM, September 2005, Vol. 48, No. 9, pp 34-79.
- 2) 3-Dimensional Modeling and its impact on manufacturing, Communications of the ACM, June 2005, Vol. 48, No. 6, pp 32-80.
- 3) Adaptive Complex Enterprises, Communications of the ACM, May 2005, Vol. 48, No. 5, pp. 32-64.
- 4) Autonomous Agents in Markets, IEEE Intelligent Systems, Vol. 18, No. 6, Nov/Dec 2003.
- 5) Managing Semi-structured Data, ACM Queue, October 2005, pp 18-64.

- 6) The Semantic E-Business Vision, Communications of the ACM, December 2005, Vol. 48, No. 12, pp. 38-77.
- 7) Cyber Forensics – gathering computer-based evidence, Communications of the ACM, February 2006, Vol. 49, No 2, pp. 44-87
- 8) Services Science and the Enterprise, Communications of the ACM, July 2006, Vol. 49, No. 7, pp. 30-87
- 9) International Focus – Computing in China, Communications of the ACM, April 2005, Vol. 48, No. 4, pp. 44-81.
- 10) Global Business Collaboration, IBM Systems Journal, Vol. 45, No. 4, 2006, (introduction, preface, and articles 1,2,4,6,7)
- 11) Information Integration, IBM Systems Journal, Vol. 41, No. 4, 2002 (introduction, preface, and articles 1,2,3,8,9).
- 12) Privacy and Anonymity in the digital era, Journal of Internet Research, Vol. 16, No. 2, 2006 pp. 120-212.

**ג. חובות הקורס:**

### **What's the difference between a good seminar report and an excellent one?**

**It is not enough just to summarize what other people have written. Think about how to combine what others have done in new ways.**

- Why are you doing this work? Why have you chosen this topic?
- How can you synthesize the different articles you have read?
- Where do you see potential applications in your own or other organization/workplace?
- What can we learn from your seminar work?
- What are the areas that you feel have not been properly addressed in your work?

### **Grades**

The final grade takes into account:

- The quality of your references and your effective use of existing literature on the topic
- The breadth of background you provide on the topic
- The depth of the specific area you analyze and discuss
- The quality of your writing
- The organization of your report