

**Rutgers University**  
School of Business-Camden  
**Emerging Information Technologies**  
**53:623:513**  
**Fall 2009 Monday 6:00 - 8:40 PM**

**Professor**

Dr. Kenneth E. Kendall  
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**Recommended Text**

*Emerging Information Technologies: Improving Decisions, Cooperation, and Infrastructure*, Kenneth E. Kendall, ed., Thousand Oaks, CA: SAGE Publications, Inc., 1999, 373 pages.

**Prerequisite:** 53:623:510

**Course Objectives**

Emerging information technologies are those excitingly novel technological advances that decision makers are just beginning to notice. Although these emerging products or processes may have been invented some time ago, they are only now beginning to be noticed or appreciated by knowledge workers and decision makers.

This is a graduate level class and you will be asked to complete numerous projects.

***Successful students should be able to:***

- 1. Understand what emerging information technologies are and why it is important for us to learn about them**
- 2. Realize what the barriers to adoption in the business world are**
- 3. Learn how to use these emerging technologies in supporting decisions, facilitating cooperation, and enabling the infrastructure**
- 4. Be able to communicate the nature and purpose of these emerging technologies to other organizational members**

<b>Grading Item</b>	<b>%</b>
<b>First Examination</b>	25
<b>Second examination</b>	25
<b>PowerPoint presentations</b>	10
<b>Project 1</b>	20
<b>Final project</b>	20
	100

## General Policies

- Limited grading feedback will be available before the last day to drop the course.
- Students are expected to attend and participate in every session. Come to class prepared to contribute to the discussion. Read the chapters and any relevant outside material you can find.
- Duties related to your employment or business do not provide an acceptable excuse for class absences, or missed examinations. Make-up exams for non-university approved reasons are not guaranteed. If, for a university approved reason, you cannot take an exam at the scheduled time you must give the professor written notice at least one week in advance so that other arrangements can be made. If the situation does not allow for advance notification (for example, emergency hospitalization), contact the professor as soon as possible after a missed exam and be prepared to provide written documentation to support your absence (such as a doctor's note).
- No** incomplete will be given.
- All changes and announcements will be made in class at least once. If you anticipate being absent from class, find a classmate who can pick up handouts etc. for you, as you are responsible for keeping up with this course. Handouts will be brought to class only once.
- If a student wishes to have an exam or assignment regraded, the student should resubmit the exam or assignment to me before the next class period. I will regrade the assignment (up or down) **only if no** additional explanation is offered (written or oral).
- Late projects will be penalized by one complete letter grade (e.g. an A would become a B; on a 100 point scale a 93 would become an 83).
- Some lectures and discussion will require the use of Sakai.
- If Rutgers cancels classes for a snow or other emergency, this class will not meet. If an exam is scheduled and the university is closed, the exam will be postponed one class period. Check the course Web page for possible class cancellations. If Rutgers cancels classes on a day when no exam is scheduled, expect the exam to take place on the date originally scheduled. Generally, exams will not be postponed, and grades or questions will be adjusted if necessary.
- Grading: 90 or above is A; 87-89 is a B+; 80-86 is a B; 77-79 is a C+, etc.
- This is a project course. The "final" in this course is the term project.
- Students are required to turn off their cell phones while they are in class, unless there is an emergency. Emailing, texting, and Web-surfing other than assignments should not be done in class.
- Students should come to class on time and should stay in class throughout the class period. You have permission to leave the room in an emergency.

<i>Date</i>	<i>Day</i>	<i>Topic</i>	<i>Reading</i>
9/8	Tuesday	Introduction to emerging technologies	Preface
9/14	Monday	How information technologies support decision making, facilitate cooperation, and enable the information infrastructure; Web pull systems (including search engines);	Chapter 1 Chapter 11a
9/21	Monday	Web pull technologies; Collaborative filtering including recommendation systems <b>Project 1 proposal due</b>	Chapter 11b Chapter 2
9/28	Monday	Searching Strategies (meet in Robeson library at 6:00 PM); Project Presentations 1	
10/5	Monday	Animation used for decision support Project presentations 2	Chapter 3
10/12	Monday	Using hypertext for problem solving; Project presentations 3	Chapter 4
10/19	Monday	Virtual teams in organizations; Project presentations 4 <b>Project 2 Proposal due</b>	Chapter 10
10/26	Monday	<b>Examination #1</b> (Chapters 1, 11a, 11b, 6, 2, 3, 4, and 10)	
11/2	Monday	Data warehousing - <b>Project 1 Due</b> Project presentations 5	Chapter 5
11/9	Monday	Group support systems Executive information systems; Project presentations 6	Chapter 8 Chapter 9
11/16	Monday	Media choice; Project presentations 7	Chapter 7
11/23	Monday	Knowledge work productivity Project presentations 8	Chapter 14
11/30	Monday	<b>Examination #2</b> (Chapters 5, 7, 8, 9, 14 and discussions)	
12/7	Monday	<b>Final Project (Project 2) due</b> ; Class discussion	
12/21	Monday	Online class and discussion; The future of technology	6:00 PM