

CLASS PREPARATION GUIDE – WEEKS 10 AND 11 Computing Architectures for Information System

INDE499B: Information Systems

Dr. Jennifer Turns

Autumn 2000

During last two weeks of the term, we will be discussing the general issue of “architectures” for information systems. Specifically, we will be exploring the possible architectures (including client server architecture), the tradeoffs between these architectures and the factors that complicate architectures.

For Monday, 27 November 2000: Introduction to Information System Architectures

Reading(s):

- None.

Classroom Preparation Activity:

- None.

For Wednesday, 29 November 2000: Tradeoffs Among Architectures

Reading(s): *Note: This is the bulk of the readings for the next two weeks.*

General Background:

- Introduction to Client Server Architecture, p. 297-298
- Client Server Architectures, p. 298-302
- Three-tier Architecture, p. 302-304
- The Role of the Mainframe, p. 305-306
- Responses to the first five questions on the “Client Server Frequently Asked Questions Page” (<http://www.faqs.org/faqs/client-server-faq/>)

Specifically about Tradeoffs

- Establishing Client Server Security, p. 311-312
- Client-Server Issues, p. 312-314

Classroom Preparation Activity:

- Please respond to the survey located at:
<http://depts.washington.edu/ctl/catalyst/webq/survey.cgi?user=jturns&survey=13>
This assignment is due by **8:00 AM** on 11/29.

For Friday, 1 December 2000: Other Architecture Issues...

Reading(s):

- Using Middleware, p. 309-311.

Classroom Preparation Activity:

- Please respond to the survey located at:
<http://depts.washington.edu/ctl/catalyst/webq/survey.cgi?user=jturns&survey=14>
This assignment is due by **8:00 AM** on 12/1.

For Monday, 4 December 2000: Making Architecture Recommendations

Reading(s):

- None.

Classroom Preparation Activity:

- Based on the readings above, please respond to the survey located at:
<http://depts.washington.edu/ctl/catalyst/webq/survey.cgi?user=jturns&survey=15>
This assignment is due by **8:00 AM** on 12/4.

For Wednesday, 6 December 2000: Review of Course / Course Evaluations

Reading(s):

- None.

Classroom Preparation Activity:

- Think

****Project Deliverable #4 is due.**