CMIS 350
Distributed Applications I

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Office Hours:
Monday 12 noon – 1 pm, 3:15 pm - 5 pm
Tuesday 4pm - 5 pm
Wednesday 11am- 12 noon
Thursday 5pm – 7pm
And by appointment

Course Description
This course is an introduction to distributed and network-based software applications. Topics include client-side and server-side considerations, Multi-tiered architecture, scripting including ASP/JSP, client-server and CGI programming, transaction persistence, database access and new trends in distributed systems. Advanced Web content generation techniques are covered.

Prerequisites: CMIS 240, 253, 275, 310, 321

Course objectives:

1. Identify and address key issues and challenges concerning client/server applications
2. Design, develop and implement client/server-based applications
3. Design, develop and implement web-based database applications
4. Evaluate business needs and apply appropriate web-based solutions
5. Create a test plan and administer that test on the corresponding Web-based application
6. Identify advantages of both thin and thick client applications
7. Use cookies and sessions to implement persistence and dialog exchange with Web-based applications
8. Apply the principles and languages taught in class to a real-life Web development project.
9. Demonstrate the ability to effectively interact with individuals possessing different opinions and abilities for the purpose of reaching a desired goal within an assigned time limit.
10. Identify current major trends in the Web development area

Texts: Introduction to ASP.NET 2.0, Third edition, Kalata, Cengage, ISBN 9781418837655

Course Grading:
A: 93-100
A-: 90-92
B+: 87-89
B: 83-86
B-: 80-82
C+: 77-79
C: 73-76
C-: 70-72
D+: 67-69
D: 63-66
D-: 60-62
F: 59 & below

Final grade is calculated with these percentages: Labs * 40%
Exams 60%

* You must achieve at least a 60 average score from the programming assignments or you will fail the course.

Programming assignments are due the end of class on the due date. Do NOT use electronic mail to turn in labs. Late labs will be marked 50% off. Incomplete labs will NOT be accepted. Incomplete labs include, but are not limited to, labs that won't compile, labs that generate incorrect output, or output that does not meet specifications. It is your responsibility to make sure your work meets the lab specifications. All programs/labs must contain the following information:

Name: Your Name
Due Date: Date
Assignment: Lab number or name
Description: Brief description of purpose of lab

Policy on Cheating:
Any form of cheating, including copying computer lab assignments, will be cause for those students, both copier and supplier, to receive a grade of F for the assignments, and/or for the semester grade and/or bring the matter up for judicial review, at the discretion of the instructor. It is your responsibility to protect your work from being copied by others.

Plagiarism is defined as the act of appropriating (copying) the literary composition of another author, or excerpts, ideas, or passages from that composition, and passing the material off as one's own creation. This definition is expanded to include paraphrasing of another author's materials. If a student has plagiarized or been involved in another form of academic dishonesty, the instructor may give an F for the assignment or for the entire course and/or may elect to bring the matter up for judicial review, at the instructor's discretion. The maximum penalty for any form of academic dishonesty is dismissal from the College. The procedures for judicial review are listed under the section of CCSJ handbook that addresses student grievances. PLEASE NOTE: All papers can and may be submitted for checks on plagiarism from the Internet/Electronic sources/Databases.

Policy on Absences:
Make-up examinations are administered ONLY if PRIOR arrangements are made.

Policy on Incompletes:
Incompletes will be granted ONLY under extenuating circumstances (e.g. hospitalization) and under no other circumstances. Do not expect to receive an incomplete to cover up failure in this course.

Tutoring Center:
The Tutoring Center is dedicated to supporting Calumet College of St. Joseph students. Students work with tutors to develop course competencies and study skills such as time management, test preparation, and note taking. In addition, students are provided with tutoring support to help pass courses, to improve grade point average, and to promote continuing education and career advancement. Tutors have a specific charge: to help students learn how to master specific subject matter and to develop effective learning skills. Tutoring is open to all students at Calumet College of St. Joseph at no charge and is available to support most introductory courses. Tutoring in support of some other courses is available as well. The Tutoring Center is located in Room 413. The telephone number is 219.473.4287 or 800.700.9100 ext. 287.

Withdrawal from Classes Policy:
After the last day for class changes has passed (see College calendar), students may withdraw from a course in which they are registered with permission from the faculty member conducting the course. A written request detailing the reason(s) for the withdrawal must be filed with the Registrar. The Registrar must receive written request for withdrawal by the last day of classes prior to the final examination dates specified in the catalogue. Written requests may be mailed to the Registrar or faxed to the College fax number 219-473-4259. Students are

to make note of the refund schedule when withdrawing from courses. The request is forwarded to the faculty member, who makes the final determination to accept or deny the request. If the request is honored, the student will receive notification of official withdrawal; if denied, the notification will indicate why the withdrawal is disallowed.

An official withdrawal is recorded as a "W" grade on the student's transcript. Dropping a course without written permission automatically incurs an "F" grade for the course (see Refund Schedule).

Disabilities Services:
Disabilities Services and Calumet College of St. Joseph (CCSJ) seeks to provide opportunities for equal access in programs, services and activities. CCSJ and Disabilities Services strive to meet the needs of students with disabilities by providing "reasonable accommodations" and academic services. Academic Services are in accordance with Americans with Disabilities Act (ADA) guidelines. Students with documented disabilities that require support to access academic activities are encouraged to contact Disabilities Services.

If a student believes that he or she needs a "reasonable accommodation" of some kind because of a physical, psychological, or mental condition (e.g., additional time needed for tests, note taking assistance, special testing arrangements, etc.), he or she should contact Disabilities Services at 473-4349. The Disabilities Services Coordinator will secure documentation pertinent to the disability and work with faculty and staff, if necessary, to address the matter.

CCSJ Alert:
Calumet College of St. Joseph utilizes an emergency communications system that transmits messages via text, email, and voice platforms. In the event of an emergency, of weather related closings, or of other incidents, those students who are registered for the system shall receive incident specific message(s) notifying them of the situation. Please sign-up for this important service at any time on the College's website. Alternatively, you can register at the time you register for classes. This service requires each user to register once per academic year. Therefore, at the beginning of each academic year, please remember to re-register for the system. This can be done at: http://www.ccsj.edu/alerts/index.html.

School Closing Information:

Internet: http://www.ccsj.edu

http://www.EmergencyClosings.com
Facility: Calumet College of St. Joseph
Phone: 219.473.4770

Radio:

WAKE – 1500 AM
WGN - 720 AM
WIJE – 105.5 FM
WLS – 890 AM
WZVN – 107.1 FM
WBBM NEWS RADIO 78

TV Channels:

2, 5, 7, 9, 32

Semester Schedule

week 1	chapter 1, 20 m/c questions
week 2	chapter 2, 20 m/c questions
week 3	chapter 3, 20 m/c questions
week 4	chapter 5
week 5	chapter 5, 20 m/c questions
week 6	test 1 chapters 1-3, 5
week 7	chapter 6
week 8	chapter 6, 20 m/c questions
week 9	chapter 7
week 10	chapter 7, 20 m/c questions
week 11	test 2 chapters 6, 7
week 12	chapter 8, 20 m/c questions
week 13	chapter 9, 20 m/c questions
week 14	chapter 10, 20 m/c questions
Week 15	Final examination, chapters 8 - 10

The instructor reserves the right to adjust or alter the course schedule during the semester to accommodate unexpected events or circumstances.