
Calumet College



of Saint Joseph

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Calumet College of St. Joseph is a Catholic institution of higher learning dedicated to the academic, spiritual and ethical development of undergraduate and graduate students. Informed by the values of its founding religious community, the Missionaries of the Precious Blood (C.P.P.S.), the College promotes the inherent dignity of all people, social justice, an ethic of service, student empowerment, opportunity, and lifelong learning.

COURSE SYLLABUS, Spring 2018

Course: CMIS499X	
Instructor Information:	
Instructor Name	Br. Jim Ballmann C.P.P.S.
Office Number:	410
Phone Number:	219-473-4365
Email:	jballmann@ccsj.edu
Hours Available:	8:30 - 11:30 & 1:00 - 4:00
Instructor Background: BA in Philosophy, St. Joseph's College BS in Computer Information Systems, Calumet College of St. Joseph MS in Instructional Design, Purdue University Calumet	

Course Information:	
Course Time:	Arranged – Directed Study
Classroom:	413
Prerequisites:	CMIS Courses
Required Books and Materials:	<i>Database Processing: Fundamentals, Design, and Implementation, 15,</i> <i>David M. Kroenke David J. Auer Scott L. Vandenberg Robert C. Yoder,</i> <i>ISBN-13: 978-0-13-480274-9, Publisher: Pearson</i>
Learning Outcomes/ Competencies: Students in this course will: <ul style="list-style-type: none">• Explain the purpose and features of ODBC• Explain the characteristics of Microsoft.NET framework and ADO.NET• Explain the characteristics of JDBC• Explain the difference between JSP and ASP.NET• Code HTML and PHP• Construct Web database application pages using PHP• Explain the importance of XML	

<p>This course meets the following learning objectives for the CIS program:</p> <ul style="list-style-type: none"> • Demonstrate knowledge of computer information systems theory and research and be able to integrate this knowledge in a variety of commercial, business, and other settings; • Demonstrate knowledge of current, state of the art information technologies used in common computer-based business applications; • Critically and reflectively engage ethical issues in computer information systems, particularly questions of social responsibility and professional decision-making.
<p>Course Description: This capstone course ties together all the skills and techniques the student has acquired by completing the CMIS major course. Students will identify a need that would benefit from automation and then design and develop an appropriate production-quality computerized information system. Senior standing is required. This course may be repeated for a total of 6 hours.</p>
<p>Learning Strategies: Reading textbook, assignments, and a projects presentation will be the delivery methodology for this course. This class will require one-on-one interaction with the instructor after having read the material. Students demonstrate the course competencies in part by completing assignments and projects.</p>
<p>Experiential Learning Opportunities: In this class the student will write Web pages with PHP code using NetBeans. These Web pages will access and update a MySQL database.</p>

Assessments:																	
Major Assignments:	<table> <tr> <td>Assignments</td> <td>25 % of grade</td> </tr> <tr> <td>Projects</td> <td>75 % of grade</td> </tr> </table>	Assignments	25 % of grade	Projects	75 % of grade												
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Class Participation:	You are expected to meet with the instructor as needed to complete assignments and projects.																
Grading Scale:																	
<table> <tr> <td>100 – 92: A</td> <td>91 – 90: A-</td> <td></td> </tr> <tr> <td>89 – 88: B+</td> <td>87 – 82: B</td> <td>81 – 80: B-</td> </tr> <tr> <td>79 – 78 : C+</td> <td>77 – 72: C</td> <td>71 – 70 : C-</td> </tr> <tr> <td>69 – 68: D+</td> <td>67 – 62: D</td> <td>61 – 60: D-</td> </tr> <tr> <td colspan="3">59 and below: F</td> </tr> </table>			100 – 92: A	91 – 90: A-		89 – 88: B+	87 – 82: B	81 – 80: B-	79 – 78 : C+	77 – 72: C	71 – 70 : C-	69 – 68: D+	67 – 62: D	61 – 60: D-	59 and below: F		
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69 – 68: D+	67 – 62: D	61 – 60: D-															
59 and below: F																	
Reading Exercises:																	
When reading the textbook, the student is expected to work through all the exercises in the chapter and run them.																	
Assignments:																	
There are assignments for each section. All assignments are Microsoft Word documents and are to be submitted through Blackboard.																	
Projects Presentation:																	
An in-class presentation will be done the last week of the course. The student will demonstrate the web pages they created and how they interact and update the database.																	
Course Schedule:																	
Class Date	Assignments	Class Discussion/Activities															
Jan 14 – Week 1	Read pages 498 – 503 Read pages 503 – 512 <i>Assignment #1</i>	Web database application ODBC															
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Jan 21 – Week 2	Read pages 512 – 522 <i>Assignment #2</i> Read pages 523 – 526 <i>Assignment #3</i>	Microsoft.NET & ADO.NET Java
Jan 28 – Week 3	Read pages 527 – 555	PHP
Feb 4 – Week 4	Read pages 527 – 555	PHP
Feb 11 – Week 5	Read pages 527 – 555	PHP
Feb 18 – Week 6	Read pages 527 – 555 <i>Assignment #4</i>	PHP
Feb 25 – Week 7	Read pages 555 – 591 <i>Assignment #5</i>	XML (Midterm)
Mar 4 – Week 8		Spring Break
Mar 11 – Week 9	Page 568	Work on projects
Mar 18 – Week 10	Page 568	Work on projects
Mar 25 – Week 11	Page 568	Work on projects
Apr 1 – Week 12	Page 568	Work on projects
Apr 8 – Week 13	Page 568	Work on projects
Apr 15 – Week 14	Page 568	Work on projects
Apr 22 – Week 15	Page 568	Work on projects
Apr 29 – Week 16	Projects Presentation	

I reserve the right to change this schedule to meet the needs of the class.

Responsibilities	
Attending Class	You cannot succeed in this class if you do not attend. We believe that intellectual growth and success in higher education occur through interaction in the classroom and laboratories. Being absent doesn't excuse you from doing class work; you have more responsibilities to keep up and meet the objectives of this course.
Turning In Your Work	You cannot succeed in this class if you do not turn in all your work when due.
CCSJ Student Honor Code	This course asks students to reaffirm the CCSJ Student Honor Code: I, as a student member of the Calumet College academic community, in accordance with the college's mission and in a spirit of mutual respect, pledge to: <ul style="list-style-type: none"> • Continuously embrace honesty and curiosity in the pursuit of my educational goals; • Avoid all behaviors that could impede or distract from the academic

	<p>progress of myself or other members of my community;</p> <ul style="list-style-type: none"> • Do my own work with integrity at all times, in accordance with syllabi, and without giving or receiving inappropriate aid; • Do my utmost to act with commitment, inside and outside of class, to the goals and mission of Calumet College of St. Joseph.
Using Electronic Devices	Electronic devices can only be used in class for course-related purposes. If you text or access the Internet for other purposes, you may be asked to leave, in which case you will be marked absent.
Participating in Class	You must be on time, stay for the whole class and speak up in a way that shows you have done the assigned reading and projects. If you are not prepared for class, you may be asked to leave, in which case you will be marked absent.
Doing Your Own Work	<p>If you turn in work that is not your own, you will be subject to judicial review by the Faculty-Student Grievance Committee. These procedures can be found in the Student Planner. The maximum penalty for any form of academic dishonesty is dismissal from the College.</p> <p>Using standard citation guidelines to document sources avoids plagiarism. You'll find guides to the major citation methods at the CCSJ Specker Library Web page at http://www.ccsj.edu/library/subjectsplus/subjects/guide.php?subject=cite</p> <p>PLEASE NOTE: All papers may be electronically checked for plagiarism.</p>
Sharing Your Class Experience	At the end of the term, you will have the opportunity to evaluate your classroom experience. These confidential surveys are essential to our ongoing efforts to ensure that you have a great experience that leaves you well prepared for your future. Take the time to complete your course evaluations – we value your feedback!
Withdrawing from Class	After the last day established for class changes has passed (see the College calendar in the CCSJ Course Catalog), you may withdraw from a course by following the policy outlined in the Course Catalog.

Resources	
CCSJ Book Rental Program	The CCSJ Book Program ensures that everyone has the right course materials on the first day of class to be successful. You pay a book rental fee each semester, and in return, receive all the materials for all your classes prior to the beginning of classes. At the end of the semester, simply return the books. For traditional students, the Book Rental Program is conveniently located in the library, where students can pick up and return their books. For students in accelerated programs and graduate programs, books will be delivered to their homes and they can return them by mail. For more information, see http://www.ccsj.edu/bookstore . All books must be returned at the end of the semester or you will incur additional fees, which will be charged to your student account.
Student Success Center:	The Student Success Center provides faculty tutors at all levels to help you master specific subjects and develop effective learning skills. It is open to all students at no charge. You can contact the Student Success Center at 219 473-

	4287 or stop by the Library.
Disability Services:	Disability Services strives to meet the needs of all students by providing academic services in accordance with Americans with Disabilities Act (ADA) guidelines. If you believe that you need a “reasonable accommodation” because of a disability, contact the Disability Services Coordinator at 219-473-4349.
Student Assistance Program	Through a partnership with Crown Counseling , Calumet College of St. Joseph provides a free Student Assistance Program (SAP) to current students. The SAP is a confidential counseling service provided to students for personal and school concerns which may be interfering with academic performance and/or quality of life. The SAP counselor is available on campus once a week and off-site at the Crown Counseling offices in Crown Point or Hammond. For more information, contact Kerry Knowles SAP Counselor , at 219-663-6353 (office), 219-413-3702 (cell), or kerryk@crowncounseling.org .
CCSJ Alerts:	Calumet College of St. Joseph’s emergency communications system will tell you about emergencies, weather-related closings, or other incidents via text, email, or voice messages. Please sign up for this important service annually on the College’s website at: http://www.ccsj.edu/alerts/index.html .