

CSCI 465/680-J9. Enterprise Application Environments (4).

File organization, job control language, file access methods and utilities. Security. High throughput data-intensive applications. Extensive laboratory work. PRQ: CSCI 360 or consent of department.

Course Location and Time

11:00-11:50 AM on Mondays, Wednesdays and Fridays in PM 203 beginning Monday, 08/26/2019.

Faculty and Office Hours

See the section named Faculty on Blackboard and on <http://faculty.cs.niu.edu/~decker/cs465/>

Course Website

- Blackboard will be used for this course.
- All course emails will be delivered via Blackboard's email facility to your university email address.
- Check the CSCI 465 Blackboard Course frequently.
- All course materials will be available on Blackboard.

Texts and Materials

- Menendez, Raul, and Doug Lowe. *Murach's OS/390 and z/OS JCL*. Fresno: Mike Murach & Associates, Inc., 2002.
- Murach, Mike, Anne Prince, and Raul Menendez. *Murach's Mainframe COBOL*. Fresno: Mike Murach & Associates, Inc., 2004.
- Overbeek, Ross A., and W. E. Singletary. *Assembler Language with Assist and Assist/I*, 4th Edition. New York: Macmillan Publishing Company, 1991.
- *CSCI 465/680-J9 Course Notes*. Individual chapters of this document are available as Word document files in Course Notes on Blackboard. It is recommended that you NOT print them.
- IBM System/370 Reference Summary, or "Yellow Card" (found in Books & Materials on Blackboard).
- Required Fonts: Source Code Pro Fonts (found in Software on Blackboard).
- Software: Vista TN3270 Terminal Emulator or IBM's Rational Developer for zSystems (links for these are found in Software on Blackboard).
- Software: mar_ftp.exe (found in Software on Blackboard).
- Software: FileZilla, if necessary.
- Software: Format.class (found in Software on Blackboard).

Regarding Software

- ***This course is taught using Windows software.*** Those students using Apple machines must seek help elsewhere. In fact, it is suggested that you find a Windows computer on which you can do your homework for CSCI 465/680-J9.
- ***Students are required to use TSO/ISPF or RDz to edit and complete assignments.*** Students found not using TSO/ISPF or RDz will earn a zero on their assignment! There are NO exceptions to this!
- Students are asked to use mar_ftp.exe to download output from Marist. This software is available in the Computer Science Lab (CSL) in the case that you use an Apple machine.
- Due to the number of students enrolled in both CSCI 360 and 465/680-J9 and the fact that your instructor teaches both courses, please DO NOT bring computer problems, software installation issues, security

issues, firewall issues, etc., to your instructor or TA; please seek help elsewhere. This will enable us to focus our time and energy on assisting students with their course programming issues and answer questions about the programming techniques taught in class.

Course Requirements

Assignments: Up to 15 assignments worth varying points and possibly one optional extra-credit assignment. These assignments make up the programming portion of your grade which is 40% of your overall semester grade. These points are referred to as “programming points.” For more details regarding assignments, see Programming Assignments below.

Quizzes: Up to six quizzes worth 10 to 25 points each and given in class or on Blackboard during the semester. Pop quizzes over very current material may be given at any point during the semester.

Exams: One or two semester exams worth 50 to 100 points and one comprehensive final exam worth 100 to 200 points, given at the university scheduled final exam date and time at the end of the semester.

Note that the quizzes and exams make up the exam/quiz portion of your grade which is 60% of your overall semester grade. These points are referred to as “exam/quiz points”.

Graduate students enrolled in CSCI 680-J9 are required to complete at least one extra project as assigned by the instructor. This project is graded by the instructor and may be assigned as a group project.

Student Assessment

- Overall Course Percentage = (Assignment Average * 40) + (Exam/Quiz Average * 60)
- Grading Scale for CSCI 465/680-J9:

A	92.00 to 100.00
B	84.00 to 91.99
C	76.00 to 83.99
D	68.00 to 75.99
F	0.00 to 67.99

This is the same for undergraduates and graduate students. The instructor will strictly observe this scale.

- Assignment, quiz or exam scores cannot be disputed more than *two calendar weeks* after the assignment, quiz or exam score is recorded in the Blackboard Grade Center.
- The student must frequently review his or her scores as posted in the Blackboard Grade Center to ensure that each score is posted accurately and correctly and so that the student fully understands the TA’s or instructor’s comments.
- **No changes to posted scores will be made after 5:00 PM on the Monday of Week 15 of the semester.** (Except, of course, those assignments, quizzes, exams, etc., yet to be graded.)
- Your instructor will, at his discretion, adjust scores so that the average for the combined section of CSCI 465/680-J9 is exactly 75%. Because of this and the fact that the curve often greatly benefits each student, corrections to the grading of individual exams may be very limited or non-existent, depending on the circumstances.
- Due to the subject matter, there may be several ways to answer a single question on a quiz or exam. In this case, the instructor will do his best to choose the MOST correct answer as THE answer to a question.
- **IMPORTANT: You must achieve a passing grade in both the programming portion, or average, and the exam/quiz portion, or average, in order to pass the course. For example, an B in programming and an F in exams/quizzes or vice versa will result in an F for the course.**

Programming Assignments

- **Programming assignments are not optional, and each must be completed without exception, even if it is worth 0 points due to it being late. This is important because almost all the assignments in CSCI 465/680-J9 are built upon previous assignments. Missing assignments reduces the student's letter grade at the end of the semester by one letter grade per missing assignment.**
- It is critical that you begin and find help for programming assignments as early as possible.
- Some assignments will not be accepted late but, for those that are, 10% is deducted for each successive 24-hour period that the assignment is late. **After five 24-hour periods (days), assignments are worth 0 points.** At that point, the student will then be asked to speak personally to the instructor.
- Note that weekends and holidays count as a single 24-hour period.
- As stated above, students are responsible for reading the assignment comments box in Blackboard's Grade Center regarding the grading of their assignments as posted by the TA or instructor. Please do so as soon as possible so that any mistakes you have made can be corrected in future assignments.
- If you are unsatisfied with a score earned on an assignment graded by the TA, please first speak to the TA so that he or she can explain why points were deducted. If a reasonable solution to the issue cannot be agreed upon after speaking with the TA, the student may then speak to the instructor about the grading issues.
- As stated above, assignment, quiz or exam scores cannot be disputed more than *two calendar weeks* after the assignment, quiz or exam score is recorded in the Blackboard Grade Center. **THERE ARE NO EXCEPTIONS TO THIS RULE.**
- If you submit the wrong file or submit an assignment in the wrong place on Blackboard, you will earn a 0 for that assignment. **THERE ARE NO EXCEPTIONS TO THIS RULE.**
- It is critical that the student reviews the **entire** .txt file downloaded from the Marist output queue to make sure it is correct and complete **BEFORE** you submit it.
- It is also **EXTREMELY** important that the student follows the program and JCL documentation standards as described in the CSCI 465/680-J9 Course Notes beginning with Assignment 2.
- Please note that computer problems, problems with mar_ftp.exe, network problems at home, etc., are **NOT** excuses for not completing assignments or completing them late.
- Students are allowed one free extension of 24 hours for the semester. It is recommended that you wait until the later part of the semester to use it, though. You must indicate that you are using your extension in the comments box when you submit the assignment on Blackboard.

Programming Guidelines

- Each programming assignment must be well documented as detailed in the CSCI 465/680-J9 Course Notes as posted on Blackboard.
- Any programming assignment handed in with inadequate documentation or with an assembly or compilation error, will earn a score of 0 (zero).
- Any program that does not, at the instructor's discretion, show a reasonable attempt at completing the assignment may also earn a score of 0 (zero).
- All assignment coding **must** follow the Strict Coding Guidelines described in the document of the same name in Blackboard's Course Documents.

Attendance

- Lecture attendance and participation are required.
- There are **NO** make-up exams except in officially-documented circumstances. If at all possible, you must contact the instructor **prior to** the exam either by email or message left with the Department of Computer Science.

- If you require additional assistance and/or time to take an exam and you choose to take a quiz or exam at NIU's Disability Resource Center, please notify the instructor and provide paperwork to schedule delivery of the exam to the DRC **at least one week prior** to the scheduled exam. The instructor will do EVERYTHING possible to assist you in doing well on your work in this class, especially on quizzes and exams. Please do NOT hesitate to ask. Also, please see the Accessibility Statement below.
- Incompletes are rarely if ever granted for CSCI 465/680-J9 and are only given in the most extenuating circumstances. If you feel that you need an incomplete due to extenuating circumstances, it is your responsibility to discuss this with the instructor face-to-face and **at least two weeks before** the last day of your class of the current semester.

Emails

Every effort will be made to answer all emails. But please be aware that emails received on the day a programming or other homework assignment is due are not considered by the TA or instructor as any more urgent than those received any other day of the week. In other words, begin your programming and other homework assignments early so that you will have plenty of time to seek out help!

IMPORTANT: Include your class number and KC-ID in the subject line of each email you send to either the instructor or TA. Here is an example: "465 KC03H1D - Can't solve S0C7"

Recording and/or Photographing of Lectures

Please note that the recording of lectures and/or photographing in any form or by any means – electronic, cell phone, or likewise – is **STRICTLY prohibited** except when coordinated with the Disability Resource Center. In the case of the latter, the instructor must be consulted in advance.

Preferred Gender Pronoun Statement

This course affirms people of all gender expressions and gender identities. If you prefer to be called a different name than what is on the class roster, please let the instructor know. Please also inform the instructor and feel free to correct the instructor and your classmates on your preferred gender pronouns. If you have any questions or concerns, please do not hesitate to speak with the instructor in person or email him. The Gender and Sexuality Resource Center also has a webpage designed to help support people of all genders as they navigate NIU's system: <http://niu.edu/gsrc/audience/trans.shtml>. Your instructor is also an NIU Ally.

Accessibility Statement

If you need an accommodation for this class, please contact the Disability Resource Center as soon as possible. The DRC coordinates accommodations for students with disabilities. It is located on the 4th floor of the Health Services Building and can be reached at 815-753-1303 or drc@niu.edu.

Also, please contact your instructor privately as soon as possible so you and he can discuss your accommodations. Please note that you will not be required to disclose your disability, only your accommodations. The sooner you let your instructor know your needs, the sooner your instructor can assist you in achieving your learning goals in this course.

Multilingual Student Statement

Your instructor is committed to making course content accessible to all students. If English is not your first language and this causes you concern about the course, please speak with your instructor.

Student Sexual Misconduct Policy

Title IX prohibits sex discrimination to include sexual misconduct: harassment, domestic and dating violence, sexual assault, and stalking. If you or someone you know has been harassed or assaulted, you can receive confidential support and advocacy at the Counseling & Consultation Service's Advocacy Services at 815.753.1206 or in person at Campus Life Building 200. Alleged violations can be reported non-confidentially at 815.753.1118 or in person at the Affirmative Action & Equity Compliance Office in Lowden Hall 101. It can also be done online at <http://www.niu.edu/sexualmisconduct/help/form.shtml>. Reports to law enforcement can be made to NIU Police & Public Safety at 815.753.1212. For an emergency, call 911. For more information about Sexual Misconduct Prevention & Resources, visit <http://niu.edu/sexualmisconduct/index.shtml>.

Note: One of the instructor's responsibilities is to help create a safe learning environment on our campus. The instructor has a mandatory reporting responsibility related to his/her role as an instructor and a faculty advisor to a student organization. He/she is required to share information regarding sexual misconduct or information about a crime that may have occurred on NIU's campus with the University. Students may speak to someone confidentially by contacting Counseling & Consultation Service's Advocacy Services at 815.753.1206 or in Campus Life Building 200. See *Northern Illinois University Catalog* for all other policies and guidelines.

NIU's Academic Integrity Statement

Good academic work must be based on honesty. The attempt of any student to present as his or her own work that which he or she has not produced is regarded by the faculty and administration as a serious offense. Students are considered to have cheated if they copy the work of another during an examination or turn in a paper or an assignment written, in whole or in part, by someone else. Students are responsible for plagiarism, intentional or not, if they copy material from books, magazines, or other sources without identifying and acknowledging those sources or if they paraphrase ideas from such sources without acknowledging them. Students responsible for, or assisting others in, either cheating or plagiarism on an assignment, quiz, or examination may receive a grade of F for the course involved and may be suspended or dismissed from the university. A faculty member has original jurisdiction over any instances of academic misconduct that occur in a course which the faculty member is teaching. The student shall be given the opportunity to resolve the matter in meetings with the faculty member and the department chair. If the facts of the incident are not disputed by the student, the faculty member may elect to resolve the matter at that level by levying a sanction no greater than an F for that course. The faculty member shall notify the student in writing whenever such action is taken, and the Office of Community Standards and Student Conduct shall receive a copy of the Academic Misconduct Incident Report indicating final disposition of the case, which will be placed in the student's judicial file. In all matters where the charge of academic misconduct is disputed by the student or if the faculty member feels a sanction greater than an F in the course is appropriate (such as repeated offenses or flagrant violations), the faculty member shall refer the matter to the Office of Community Standards and Student Conduct making use of the Academic Misconduct Incident Report. Additional sanctions greater than an F in a course can be levied only through the University Judicial System. With regards to finding the student either responsible or not responsible for his or her action, the ruling of the Judicial Hearing Board shall be binding. In cases where there is either a finding of responsibility or an admission of responsibility by the student, any recommendations by the hearing board regarding the course grade are non-binding on the instructor, who remains solely responsible for assigning a course grade, consistent with the policies set forth in the course syllabus.

Plagiarism

The attempt of any student to present as his or her own work that which he or she has not produced is regarded by the faculty and administration as a serious offense. Students are considered to have cheated if they copy the work of another during an examination or turn in a paper or an assignment written, in whole or in part, by someone else. Students are responsible for plagiarism, intentional or not, if they copy material from books, magazines, or other sources without identifying and acknowledging those sources or if they paraphrase ideas from such sources without acknowledging them.

In this class, using someone else's computer programming code or assignment solution materials from a current enrollee or a previous semester's enrollee – including graduates! – is considered cheating and will be prosecuted as such, even if you DO somehow acknowledge the author.

Cheating of ANY type will not be tolerated! At the very least, everyone involved will earn a 0 or F on the exam, quiz or assignment in question and an Academic Misconduct Incident Report Form will be submitted online for everyone involved.

Do your own work, do it well and be proud of it!

Responsibility Statement

Apart from a documented disability, never ask for special treatment or consideration unless you absolutely must. Within the next few years, you will be embarking on your career. You never want to draw needless attention to yourself by being the one employee or one of a group of employees that always asks for special treatment. Examples of this "special treatment" are 1) constantly complaining about things, 2) repeatedly asking for more time off than everyone else, 3) repeatedly asking to be allowed to arrive late or leave early, 4) repeatedly asking for extensions on project due dates, 5) repeatedly giving excuses for why your work is not complete, etc. **Remember that the only way that you should ever draw attention to yourself is by doing exemplary work.** As a student, it is YOUR responsibility to nurture professionalism, reliability, and consistency now, before you enter the working world, and only improve upon them as you continue your career. Of course, your instructor is empathetic to your needs and, if something arises in your life that causes you to not perform up to your capability, please be sure to discuss this with your instructor as soon as possible.