Instructor Details

Put here any information specific to the instructor: name, office hours, office location.

Then your specific policies regarding submissions, late submissions, communication means, etc.

Then any additions/changes you want to make to the course details below, such as using quizzes, attendance requirements, etc. Keep in mind you cannot modify the scoring makeup so if you want for example to use quizzes they have to be a part of for example homework score or project score.

All multiple-section courses should have the Course Details section the same. Single-section courses below up to 3130 should have the Course Details section as well. Single section courses at higher level can combine Instructor details with Course Details. The last section on UMSL Course Policies should always be left intact.

Incremental +/- grading if any.

Course Details

Course description

Prerequisite: CMP SCI 2261 and CMP SCI 3010. This is a course on the study of the principles of modern programming languages. The students perform a comparative study of syntax, semantics, and pragmatics of high-level programming languages. The course also provides a discussion of list-processing, object-oriented, functional, procedural, or other programming paradigms.

Topics to cover

- Classification of programming languages
- History of programming languages
- Syntax and Semantics
- Variables and Expressions
- Control structures
- Subprograms and their implementation
- Object-orientated programming paradigm
- Functional programming paradigm
- Logic programming paradigm

Text

"Concepts of Programming Languages" by Robert Sebesta, 11th edition, Pearson.

Policy

- The course materials, assignments, and important announcements will be posted on the course webpage.

- Programming assignments must be submitted electronically by 11:59PM on the specified due date. All written assignments must be submitted at the start of the class on the due date.

- Assignments will not be accepted after the deadline and there will be no make-up tests. Special circumstances should be individually discussed with the instructor and prearranged at least one week before the test.

- Students are expected to be in class. A penalty of 1% per missed class may be imposed.

Course schedule (tentative – subject to change)

Week	Topics to cover
week 1	Chap 1 (Introduction)
week 2	Chap 15 (Functional languages)
week 3	Chap 15 (Functional languages), Chap 16 (Logic languages)
week 4	Chap 16 (Logic languages)
week 5	Chap 11 – 12 (Object-Oriented Programming Paradigm)
week 6	Review/test1
week 7	Chap 3 (Syntax)
week 8	Chap 3 (Syntax/Semantics)
week 9	Chap 3 (Semantics), Chap 4.1 – 4.2 (Lexical Analysis)
week 10	Chap 5 (Variables)
week 11	Review/test2
week 12	Chap 7 (Expressions)
week 13	Chap 9 (Subprograms)
week 14	Chap 10 (Implementing Subprograms)
week 15	Review
week 16	Final test

Course grading

We will use the standard 10% grading scale: 90% and above gives A, 80% and above B, 70% and above C, 60% and above D, else F. Grades will be curved at the instructor's discretion.

Item	Weight
Test 1	15%
Test 2	15%
Final	30%
Assignments	40%

UMSL Course Policies

1. Participation (expectations)
   - It is vitally important that our classroom environment promote the respectful exchange of ideas. This entails being sensitive to the views and beliefs expressed during discussions whether in class or online. Please speak with me before recording any class activity. It is a violation of University of Missouri policy to distribute such recordings without my authorization and the permission of others who are recorded.

- ○ Turn off beepers, cell phones, and other devices during class. Adherence to the Student Conduct Code is expected.
- ○ I am committed to insuring a positive learning environment by respecting that University policy (p. 66): http://www.umsl.edu/~studentplanner/index.html.
- ○ Your success in this course will heavily depend on your ability to communicate, engage and participate in all course activities. Successful completion of this course requires that a student keep up with all assignments, quizzes, projects and tests.
- ○ If you are unable to participate in the scheduled class activities, you must notify the instructor within the week of that class module. **An unexcused failure to engage or participate with the class will be counted as an absence; unexcused absences may result in failure.** The instructor reserves the right to make judgment to accept and/or make–up assignments missed because of failed participation in the course activities.

2. Academic Integrity/Plagiarism
   - ○ Students are responsible for being attentive to and observant of campus policies about academic honesty as stated in the University's Student Conduct Code (p. 60): http://www.umsl.edu/~studentplanner/index.html
   - ○ To avoid accusations of academic dishonesty, please submit all written work to the Turnitin system before finalizing what you submit for evaluation. Check information about The Writing Center @UMSL that is linked to MyGateway Home.
   - ○ Plagiarism is the use of another person's words or ideas without crediting that person. Plagiarism and cheating will not be tolerated and may lead to failure on an assignment, in the class, and dismissal from the University. View this campus policy here:http://www.umsl.edu/services/academic/policy/academic-dishonesty.html

3. Mandatory Reporting: Under Title IX, all UMSL faculty, staff, and administrators (with limited exception) are obligated to report any incidents of sexual harassment, sexual misconduct, sexual assault, or gender discrimination to the Student Affairs office and/or other University officials. This ensures that all parties are protected from further abuses and that victim(s) are supported by trained counselors and professionals. Note: There are several offices at UMSL (e.g., Counseling Services, Health Services, Community Psychological Service, Center for Trauma Recovery, and Student Social Services) whose staff are exempt from Title IX mandated reporting, when the information is learned in the course of a confidential communication.

4. Access, Disability and Communication
   - ○ Students who have a health condition or disability, which may require accommodations in order to participate effectively in this course, should contact the **Disability Access Services Office.** Information about your disability is confidential.
     - ▪ 144 Millennium Student Center
     - ▪ Phone: (314) 516-6554
     - ▪ Website: http://www.umsl.edu/services/disabled/
   - ○ If you have difficulty communicating in English with the instructor of this course, contact the Office of International **Students and Scholar Services**:
     - ▪ Phone: (314) 516-5229
     - ▪ Email: iss@umsl.edu
     - ▪ Website: http://www.umsl.edu/~intelstu/index.html

Student Support and Services

- **Technical Support**
    - My Gateway (Blackboard): If you have problems logging into your online course, or an issue within the course site, please contact the **Technology Support Center**:
        - Phone: (314) 516-6034
        - Email: helpdesk@umsl.edu
        - Website: http://www.umsl.edu/technology/tsc/
    - Wimba: If you have any questions regarding Wimba Classroom and Wimba Voice Tools, contact the Faculty Resource Center:
        - Phone: (314) 516-6704
        - Email: frc@umsl.edu
        - Website: http://www.umsl.edu/technology/frc/
        - Outside normal office hours, you may also contact Wimba for 24/7 assistance:
            - Phone: (866) 350-4978
            - Email: technicalsupport@wimba.com
- **Academic Support**
    - **The Online Writing Lab**: At our My Gateway site, students can send their papers to our tutors, who will read them and send them back with suggestions. Students can also access SafeAssign, which identifies quoted material in their essays.
        - Visit the online Writing Lab page on MyGateway to submit drafts online.
        - We try to respond within 48 hours, but it may take longer, so allow ample time.
    - **NetTutor**: Online tutoring in many subjects is now available through NetTutor. In your courses on MyGateway, click on Tools and select NetTutor® to log in.
- **Student Services**
    - The **Center for Student Success** offers assistance tailored to specific student needs.
        - 225 Millennium Student Center
        - Phone: (314) 516-5300
        - Email: css@umsl.edu
        - Website: http://www.umsl.edu/services/css/
- **Departmental Tutoring**
    - The department offers tutoring for up to Cmp Sci 3130, and occasionally for other courses
    - Check MyGateway organization **CSTutoring**.