

CSIS 123: Programming Fundamentals Syllabus

Semester: Spring 2013

Instructor: Mark Murtha

Phone: (816) 604-3181

E-mail: Send all e-mail correspondence via Blackboard Messages.

Office: Metropolitan Community College – Maple Woods Math-Science Building, Room 101E

Office Hours/Availability:

Tuesday	Wednesday	Thursday
1:00 pm – 2:00 pm	4:00 pm - 6:00 pm	1:00 pm – 2:00 pm 4:30 pm – 5:30 pm

You do not need an appointment to visit with the instructor during scheduled office hours.

Textbook and Required Materials

C++ Programming from Problem Analysis to Program Design (6th Edition) ISBN: 0-538-79808-4



Prerequisites: MATH 40/40L or higher (excluding MATH 100)

Course Description: Introduction to the principles of good design and the characteristics common to all programming languages. Experience writing code in a particular programming language, and compare to other common programming languages. Write well-structured, procedural programs based on problem solving strategies.

Expected Student Outcomes

Upon completion of this course, the student will be able to:

- State a brief history of programming.
- Apply procedural abstraction, top-down algorithm design and step-wise refinement methods.
- Describe and use various problem solving techniques and strategies.
- Solve problems and develop algorithms using the control structure abstractions of sequence, selection and iteration, following a disciplined approach.
- Apply tools to support program development, testing and debugging.
- Code and document programs following a guideline.
- Identify social and legal issues regarding the computing profession.

Assessment and Grades

Grades for this class will be based on class participation, homework, and exams.

The grading scale is as follows:

A	90 – 100%
B	80 – 89%
C	70 – 79%
D	60 – 69%
F	Below 60%

Grades will be calculated by taking the total points earned and dividing by the total points possible.

Assignments and Exams

Assignments will consist of the following:

- Programming and problem-solving projects
- Chapter quizzes (one for each chapter)
- Final Exam

It is very important that you complete the required assignments. Assignments are due as listed on the Assignments Schedule. It is subject to change as needed. Any updates or revisions to the Assignments Schedule will be posted as an Announcement on Blackboard. Homework assignments and/or exams will not be accepted after the due date; NO EXCEPTIONS.

The final exam for this course is required to be taken. If the student does not take the final exam, they will receive an "F" grade in the course regardless of their grade prior to the final exam.

Class/Lab Rules

- Food and drinks are not permitted in the classroom computer lab.
- Inappropriate and/or disrespectful behavior will not be tolerated in class. A student will be asked to leave the class for inappropriate and/or disrespectful behavior toward the instructor or other students. This rule applies to internet classes as well.
- Non-enrolled students or guests will not be allowed in class.
- If you have an emergency, you are welcome to step out.
- Music players, headphones, cell phones and pagers **MUST** be turned off during class and put away.
- Texting and telephone conversations during class are not permitted.
- Music players, headphones, cell phones and pagers **MUST** be turned off during exams; **no exceptions**. The student will receive an "F" grade on an exam if a cell phone is used or visible for any reason during an exam.
- Printing is not allowed during lecture or exams.
- Internet browsing, e-mailing, gaming, social networking, or any other non-class related activity conducted on the computer during class will not be tolerated.
- Misuse of the computers during class will result in the students losing access to the computers during class.

Software

We will be using Microsoft Visual Studio 2010 in this course. You can access the software in the Maple Woods computer labs, or download your own copy from the Microsoft DreamSpark site. Send the instructor a Blackboard message if you would like to have free access to this software.

Familiarity with the Internet and E-mail

The student is responsible for having a basic understanding of how to use an Internet browser (i.e. Internet Explorer, Mozilla Firefox, etc.) and how to send and receive Blackboard Messages for the purpose of this class. All assignments will be distributed and submitted via Blackboard (accessible through the MCC portal <https://my.mccck.edu>). The direct URL to the Blackboard web site is <https://bboard.mccck.edu>.

If the student chooses to submit homework from a computer not located in the classroom computer lab or in the campus open computer lab, then the instructor is not responsible for network and computer issues from the student's computer or Internet Service Provider (ISP). Blackboard is accessible from any computer with Internet access, so if you choose to use a computer not located on one of the Metropolitan Community College campuses, be sure to have an alternative in case of problems. The open computer labs at any of the Metropolitan Community College campuses are an option for the student. If a problem should arise with the server where this course is hosted, then modifications to the assignments schedule will be made as necessary.

Communication

Any questions or concerns that arise outside of class should be sent to the instructor via Blackboard Messages, the self-contained message system in Blackboard. The instructor will attempt to reply to all emails received Monday through Friday within a 24-hour period from the time it is received. Any correspondence sent to the instructor during the weekend may not be replied to until Monday.

Attendance Policy

The District Student Attendance Regulation requires that if a student misses two consecutive weeks of class, they must initiate a conference with the instructor. At that time it will be determined whether the student will remain in the course. If the student fails to initiate a conference, they will be withdrawn from the course.

If a student misses three weeks of total class time through the last day to withdraw without academic assessment (April 1, 2013), the student will be withdrawn from the course.

If a student misses three weeks of total class time after the last day to withdraw without academic assessment (April 1, 2013), homework assignments and exams will not be accepted. The student will receive a grade of "F" in the course. There is NO opportunity to withdraw students from the course after the last day to withdraw without academic assessment (April 1, 2013).

Attendance will be based upon classroom attendance. For internet classes, attendance is based on completing weekly discussion board postings and assignments. If a student has not attended class within the first two weeks of class, the student will be withdrawn from the course. Attendance will be taken each class period. No points will be earned for simply attending class. Students are allowed to be tardy three times which includes arriving after attendance has been taken, or leaving before the class is released. Students will lose 20 points for each subsequent tardy.

Drop Policy

To drop the course, students must complete a drop form and submit it to the campus records office before the following dates:

On or before January 22, 2013 – 100% refund

On or before January 29, 2013 – 50% refund

Last day to withdraw without academic assessment: April 1, 2013

It is the student's responsibility to withdraw from the course if they decide to stop attending class. The student is responsible for filling out the necessary paperwork for withdrawal. If the student stops attending class after the last day to withdraw without academic assessment (April 1, 2013), and they do not officially withdraw from the course, the student will receive a grade of "F" in the course. Any questions or concerns regarding financial aid implications as a result of student withdrawal from a course should be directed to the Financial Aid office. Refer to the Financial Aid Satisfactory Academic Progress policy.

Academic Honesty

Every student is expected to follow the college regulations and guidelines relating to academic honesty. Please refer to the Student Handbook.

Academic Dishonesty includes:

1. Plagiarism - the intentional use of the ideas or words of another as one's own in a paper or other academic assignment.
2. Cheating during examinations, whether by copying from a fellow student or by using information in the form of unauthorized aids brought to the examination.
3. The submission of work for any assignment that has been prepared by another student.
4. Submission of a single paper to fulfill requirements in two courses without prior approval of the instructors in both courses.
5. Using a false name or signing the name of another individual without proper authorization in connection with any course work.

Disciplinary Action will be taken for those students suspected of academic dishonesty. At no point in this course is it acceptable for a student to submit someone else's work as their own, or use the ideas of someone else as their own. It is also unacceptable for a student to share their own work with another student. Students are more than welcome to

converse about how to solve a problem. However, students must prepare and submit their own work reflecting their own ideas as the final submission of an assignment. Any incident of cheating will result in an "F" grade in the course.

Campus Printing Limitations

MCC tracks the number of pages each student prints at MCC computer classrooms, computer labs and campus libraries. Students are allowed 200 black and white, single-sided pages at no cost. Once the 200-page allocation has been used, you may purchase additional pages for .10 per page using a credit card at your computer or through the library (cash only) or other authorized "Code Card" sellers.

Additional copies purchased in a semester that are not used will be rolled over to the next semester. If a student does not use their allocated 200 copies, any remaining free copies will not be rolled over.

Grievance Procedure

Questions or concerns about any aspect of this course should be directed to the instructor so the student and the instructor can work together to resolve any problems that may exist. In the unlikely event that the problem cannot be resolved, then the next step is for the student to make an appointment with the Division Chair, Larry Reichard, at (816) 604-3140.

Sexual Harassment

Metropolitan Community College is strongly committed to providing workplaces and classrooms that are free of sexual harassment. MCC will not tolerate any behavior, whether verbal or physical, which constitutes sexual harassment. Unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct or communication of a sexual nature are prohibited. To file a complaint, contact the Dean of Student Services Office.

Students with Disabilities

If you need an accommodation due to a disability under the Americans with Disabilities Act and Section 504 of the Rehabilitation Act, please contact Kim Fernandes, Disability Support Services (DSS) Coordinator, at 604-3192. Advance notice may be necessary for some accommodations to be provided in a timely manner. Accommodations must be supported by adequate documentation and are determined on an individualized basis.

Inclement Weather

When it becomes necessary to close the college due to inclement weather, local television and radio stations will be notified. If you hear a specific campus is closed, i.e., MCC – Blue River or MCC – Penn Valley, that does not necessarily include MCC – Maple Woods. Campus closings are also posted on the MCC web site. MCC Notify Me is an emergency text message system that will send subscribers a message to their mobile devices in the event of a public safety or weather-related emergency. Students and employees can sign up by logging in to myMCCKC and clicking on "Manage MCC Notify Me" link at the bottom of the left-hand menu.

Vacation/Extended Absence

There will be **NO** modifications or exceptions made to the assignments schedule as a result of a student's absence for vacation or other extended absence.