 **CIS 2**

**Introduction to Programming**

# Spring 2018

MWF 1:50 p.m. – 2:50 p.m.

Instructor: Linda Navarro

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Office Hours: MW 5:00 p.m. – 6:00 p.m.

TTH 10:00 a.m. – 11:00 a.m.

any other time by appointment

Course Description:

This is a programming class. You will learn how to write software in C++. We will cover computer architecture; editing, compiling, and debugging; data structures; program input and output; control flow and data flow; loops, functions, arrays, vectors, and pointers.

Required Materials:

C++ for Everyone 2nd edition by Cay Horstmann. John Wiley & Sons, Inc. 2012.

Hard copy ISBN 978-0-470-92713-7

Binder version ISBN 978-0-470-922092-3

Grading:

* Lab Assignments 40%
* Quizzes 10%
* Homework 20%
* Final Project 30%

Grade Scale: 93% - 100% A 83% - 86% B 73% - 76% C

90% - 92% A- 80% - 82% B- 70% - 72% C-

87% - 89% B+ 77% - 79% C+ 60% - 69% D

Below 60% F

Important Policies:

**Student Credit Hour Policy –** Acredit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that reasonably approximates not less than:

1. One hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester, or the equivalent amount of work over a different amount of time; or
2. At least an equivalent amount of work as required in paragraph (1) for other academic activities, including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

**Attendance –** Because the course material builds on earlier material, your daily prepared attendance is critically important if you want to pass this class. Therefore, the number of a student's absences may be taken into account in determining academic grades. I expect you to be in class on time, be attentive, and not leave early. I consider that behavior to be disrespectful to me and to the other students. If you miss a class, you are responsible for the material/assignment missed on that day.

**Homework** – Homework will be assigned in class and it will be due every Wednesday, unless stated otherwise. Late homework will not be accepted. No exceptions!

**Lab Assignments** – Lab assignments will be assigned on Friday and due every Wednesday, unless stated otherwise. You have the chance to redo your lab assignments for a better grade, but this is only if you turn the lab in on time to begin with. The redo will be due with the next lab due date.

**Quizzes –** Chapter quizzes will be based on the book and lecture. Material in the book that is not covered in class may still be on the quiz.

**Office Hours** You are encouraged to visit the instructor during office hours. However, an office hour might be

cancelled due to the instructor’s illness, necessary appointments or duties, or academic travel. You should not rely on a particular office hour for very important or urgent matters such as getting a necessary signature on the exact day of a deadline. Contact the instructor well in advance for such matters, whenever possible.

**Academic Honesty** **--** Honesty is expected and dishonesty is taken seriously by me, by the Physical Sciences & Mathematics department, and by the university. Cheating, copying, and modifying others work will not be tolerated. If you are feeling the urge to cheat on an exam or an assignment, this should signal to you that there is a problem with your preparation for the course. Violations (which include helping a classmate to cheat) will result in severe penalties, so please be thoroughly honest! During exams you may not leave the classroom until you are finished with your exam (i.e. use the restroom before the exam begins). If you have any questions regarding academic honesty, please see me.

**Academic Freedom – S**tudents’ and faculty’s freedom of speech is constitutionally protected, so they are free to take reasoned exception to the data or views offered in any course of study and to reserve judgment about matters of opinion – and allow the same freedom to others. See the Student Handbook for a fuller discussion.

**Disability Statement** - Mount Saint Mary’s University Los Angeles, in compliance with state and federal laws and regulations, does not discriminate on the basis of disability in administration of its education related programs and activities. We have an institutional commitment to provide equal educational opportunities for disabled students who are otherwise qualified. Students with documented disabilities must see (CHOOSE FOR YOUR CAMPUS Lisa Villa, Associate Director, Student Support Services (310) 954-4138, lvilla@msmu.edu OR Brandon Roberson, Director of the Doheny Student Resource Center (213) 477-2692, broberson@msmu.edu), to make arrangements for classroom accommodations. It is the responsibility of the student to obtain accommodation letters from the director and to make arrangements for the implementation of accommodations with faculty and/or staff in advance. Students who believe they have been subjected to discrimination on the basis of disability, or have been denied access to services or accommodations required by law, should contact the campus Disability Services Coordinator at his/her campus for resolution. For more information regarding disability grievance procedures, go to: https://welcome.msmu.edu/academics/learning-assistance-ISAE/Documents/DisabilityGrievanceProcedures.pdf

**Course Calendar (Tentative)**

Week 1 (1/8 – 1/10): Linux/Vi Editor

Week 2 (1/15 – 1/17): **Holiday (MLK Holiday);** Chapter 1

Week 3 (1/22 – 1/24): Chapter 1 & 2

Week 4 (2/5 – 2/7): Chapter 2

Week 5 (2/12 – 2/14): Chapter 3

Week 6 (2/19 – 2/21): **Holiday (President’s Day);** Chapter 3

Week 7 (2/26 – 2/28): Chapter 4

Week 8 (3/5 – 3/7): **Spring Break**

Week 9 (3/12 – 3/14): Chapter 4

Week 10 (3/19 – 3/21): Chapter 5

Week 11 (3/26 – 3/28): Chapter 5

Week 12 (4/2 – 4/4): **Holiday (Easter Monday);** Chapter 5

Week 13 (4/9 – 4/11): Chapter 6

Week 14 (4/16 – 4/18): Chapter 6

Week 15 (4/23 – 4/25): Chapter 6

Week 16 (4/30): Final Project 1:00 p.m. - 3:00 p.m.