CISC 1600 Computer Science I
Department of Computer and Information Science
Summer 2018

Class times: 1:00 pm - 4:00 pm TWR, Room TBA, May 29, 2018 - Jun 28, 2018
Instructor: Dr. D.M. Lyons
Office: JMH 320
E-mail: dlyons@fordham.edu
Office hours: TWR 11am-noon and by appointment


Course description: An introduction to computer problem-solving methods, algorithm development, and computing concepts using the high-level programming language C++. Emphasis will be placed on program design, coding, debugging, and documentation of programs. Topics to be covered include:
- Input/output
- Control structures
- Functions and modularity
- Arrays and Objects
This course together with CISC 1100/1400 serves as the introductory course for the computer science and information science majors.

Attendance and class participation: It is important to attend every class, and to arrive on time. Two unexcused/unexplained absences are permitted for the semester. Please actively participate in class since this will make the course more interesting for everyone! Ask questions if you are unsure about something.

Lab time vs. lecture time: Typically, our lecture time will be spent in a class room and our lab time will be spent in the JMH 330 computer lab. During lab, we usually will be completing exercises to review topics covered in lecture. Lab time will serve as important practice for the skills required by the programming homework assignments. Note that programming homework assignments are intended to be completed on your own time, not during lab class, unless otherwise announced. On various occasions, lectures will be given during lab time or labs during lecture time. I will announce ahead whenever we will switch lab and lecture rooms. This schedule may change for summer classes due to classroom/lab availability.
**Course assignments:** There will be 6-8 programming homework assignments and a final programming project assigned for the course. That’s basically 2 a week during summer semester, and you will have a few days to do each assignment! Please be aware of the workload involved. All assignments must be turned in on time. The final assignment will be a larger, final project and you will have the final week to do this.

**Academic honesty:** All work produced in this course must be your own. You are encouraged to discuss the assignment problems with other students generally but you must write all parts of each assignment submission yourself. Copying of assignments is never acceptable and will be considered a violation of Fordham's academic integrity policy. Violations of this policy will be handled in accordance with university policy which can include automatic failure of the assignment and/or failure of the course. See Fordham's Undergraduate Policy on Academic Integrity for more information.

**Exams:** There will be one in-class mid-term exam roughly two weeks into the class. There will be approx. four short quizzes held throughout the semester at the beginning of each week of class. There will be a final, in-class exam on the final day.

**Timing conflicts:** If you have a significant issue and cannot complete an assignment on time, or cannot attend class on a certain day, let me know as early as possible -- I tend to be reasonable in such cases with sufficient notice. Examples of significant issues include personal illness (with a doctor’s note) or a religious holiday on an announced exam day. In general, let me know of any significant issues that affect your performance early on.

**Grading:** The percentages given below are guidelines for both the student and instructor and may be changed as needed to reflect circumstances in the course. Any changes that occur during the semester will be minor.

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<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Participation</td>
<td>5%</td>
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<tr>
<td>Labs</td>
<td>36%</td>
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<tr>
<td>Final Project</td>
<td>5%</td>
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<td>Quizzes</td>
<td>10%</td>
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<td>Mid-term</td>
<td>16%</td>
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<td>Final exam</td>
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