UMass Boston CS 240, Fall 2019
Programming in C

Lectures        Monday & Wednesday 5:30PM – 6:45PM, M-01-0213
Instructor      Haoyu Wang
                Email: haoyu.wang001@umb.edu
                Office: S-3-70
                Office hours: Mon, Wed, 11:30-12:30, 4:15 – 5:15; or by appointment
Textbook        Brian Kernighan and Dennis Ritchie, The C Programming Language, 2nd Edition,
                1988, Prentice Hall.
Class Page      Lecture notes and assignments are posted on https://www.cs.umb.edu/~haoyu/cs240.html

Course Description
C programming for programmers already knowledgeable in some high-level language (e.g., having taken
one semester of introductory programming in Pascal, Java, Smalltalk, Lisp, etc.). C is presented as both a
general-purpose and machine-level language. Topics covered include representation of integer and character
data, bitwise operations, masking, memory allocation methods, pointers, dynamic data structures, file I/O,
separate compilation, program development tools and use of debuggers.

No courses required by the CS major, minor, or certificate may be taken pass/fail.

Prerequisites
CS 110 Introduction to Computing

Evaluation
Class attendance is not required, but you must take the in-class tests in person. The total score consists
of the following:
• 40%: Eight homework assignments, 5% each.
• 60%: Three tests, 20% each. There are no makeup tests. If you miss one test with a documented
  excuse, your scores of the other two tests will be 30% each. If you miss two tests, you fail.
The total score, $S$, is converted to a letter grade according to the following table.

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<thead>
<tr>
<th>$S$</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90</td>
<td>A</td>
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<tr>
<td>87</td>
<td>A-</td>
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<tr>
<td>84</td>
<td>B+</td>
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<td>80</td>
<td>B</td>
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<td>76</td>
<td>B-</td>
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<td>D</td>
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<td>60</td>
<td>D-</td>
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<tr>
<td>$S$ &lt; 60</td>
<td>F</td>
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</tbody>
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Accommodation
Section 504 of the Rehabilitation Act of 1973 offers guidelines and support for curriculum modifications
and adaptations for students with documented disabilities. If applicable, students may obtain adaptation
recommendations from the Ross Center for Disability Services, Campus Center, Upper Level, Room 0211,
617-287-7430. The student must present these recommendations and discuss them with each professor
within a reasonable period, preferably by the end of Drop/Add period.
Code of Conduct
It is the expressed policy of the University that every aspect of academic life – not only formal coursework situations, but also all relationships and interactions connected to the educational process – shall be conducted in an absolutely and uncompromisingly honest manner. The University presupposes that any submission of work for academic credit is the student’s own and is in compliance with University policies, including its policies on appropriate citation and plagiarism. These policies are spelled out in the Code of Conduct http://www.umb.edu/life_on_campus/policies/community/code

Reserve Clause
The instructor reserves the right to make changes in the syllabus when necessary to meet the learning objectives, to compensate for missed classes, schedule changes, or hardware, software, and network failures, or for other legitimate reasons.