Course Information
CSC/IST-134 Introduction to Java Programming
3 credits
Spring 2019
January 7 thru April 29, 2017
Wednesday from 6:00 to 8:45pm

Instructor Information

Course Description
This course provides students with a basic understanding of the principles of JAVA programming. It covers syntax, structure and emphasizes problem solving techniques. Upon completion of this course, students will be able to recognize and correct common programming errors and to create Java programs to correctly produce output given specific program objectives. Course fee required. Prerequisite: IST102 and MAT101. Semesters offered: Fall. 3 credits.

Textbook and Course Materials
Website: www.cengage.com.
Also available online via Mindtap

Student Learning Outcomes
Upon completion of this course, students will be able to:

- develop a program from a given design or develop your own design
- understand the principles of event-driven programming
- implement a user interface
- understand and apply key programming concepts (variables, constants, conditions, decisions, loops and arrays)
- use function and sub procedures to make code reusable and extendable
- implement basic error handling and undertake debugging
- process strings and text files

Definition of Credit Hour: Classroom Courses
To earn one academic credit at HCC, students are required to complete a minimum of 37.5 clock hours (45 fifty-minute “academic” hours) of coursework per semester. Those hours of coursework may be completed through a combination of hours within the classroom and hours outside the classroom. Certain courses may require more than the 37.5 minimum hours of coursework per credit. For most classes, students should expect to do at least 2 hours of coursework outside of class for each hour of in-class coursework. What does this mean for you? Since this is a three credit class presented over a 15 week period, you would work on this class 9 academic hours per week including class time.
Minimum clock hours required for this course

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<thead>
<tr>
<th>Assignment/assessment</th>
<th>Clock Hours</th>
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<tbody>
<tr>
<td>In-class instruction, In-Class Projects/activities</td>
<td>45 Instructional Hours</td>
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<tr>
<td>Read Chapters / Review Powerpoints prior to class</td>
<td>Textbook Chapters as assigned / Powerpoints 20 Hours</td>
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<tr>
<td>Chapter Assignments</td>
<td>Textbook Chapters as assigned 45 hours</td>
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<tr>
<td>Exams</td>
<td>To test student knowledge of topics presented 8 hours</td>
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<td>Total hours=118 hours</td>
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Services for students with disabilities: Students may receive reasonable accommodations if they have a diagnosed disability and present appropriate documentation. Students seeking accommodations are required to contact the Disability Support Services (DSS) office as early as possible. Students may contact a DSS staff member for an appointment at dss@hagerstowncc.edu or at 240-500-2530.