Hagerstown Community College
OFFICIAL MASTER SYLLABUS DOCUMENT

COURSE: CSC/IST-134 Introduction to Java Programming 3 credits

INSTRUCTOR: **SEMESTER/YEAR: Spring 2018**

COURSE DESCRIPTION: IST-134 Introduction to Java Programming
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: JAVA Programming 8th Edition, Joyce Farrell ISBN: 978-1-285-85691-9 (student copy). Website: www.cengage.com

STUDENT LEARNING OUTCOMES:
✓ Develop, debug and deploy applications using JAVA that run under the Windows operating system.

Total Hours of Coursework for IST-134 is 118 hours for 3 credits.
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.

Assignment/assessment	Clock Hours
In-class instruction, In-Class Projects/activities	**45 Instructional Hours**
Read Chapters / Review Powerpoints prior to class	15 Chapters / Powerpoints **20 Hours**
Chapter Assignments	15 Chapters **40 hours**
Research Project	Presentation project to help students understand programming environment in business world. **5 hours**
Exams	To test student knowledge of topics presented **8 hours**
	Total hours=118 hours

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.