

Hagerstown Community College Master Syllabus

CYB 131: Fundamentals of Scripting

Course Information

CYB 131

3 Credits

Spring 2019

Instructor Information

Course Description

This course offers an in-depth introduction to scripting languages including basic data types, control structures, regular expressions, input/output, and textual analysis. Students will learn about problem solving and algorithm development and complete programming projects. Semesters offered: Spring Semester. Prereq. None

Textbook and Course Materials

T. Gaddis, Starting Out with Python with MyProgrammingLab Access, Pearson, 2018.

ISBN-13: 978-0-13-4484969 (Also sold in the Student Value Edition Package ISBN-13: 978-0-13-4652559)

Student Learning Outcomes

- Communicate effectively with both verbal and written forms
- Apply critical thinking and problem solving skills to algorithm development
- Design and implement simple programs based on user requirements

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 in 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 complete at least 2 hours of coursework outside of class for each hour of in-class coursework.

Classwork type	Student Work Hours
In Classroom Lecture and Final Exam	45 hours
Reading (11 Chapters and other assigned readings)	12 hours
Quiz (12) Final Exam Prep (5)	17 hours

Classwork type	Student Work Hours
Projects (4)	32 hours
Assignments (12)	30 hours
Total	136 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.