Hagerstown Community College Course Master Syllabus
CSC-202: Introduction to Systems Design and Analysis

Course Information
Course CSC-202: Introduction to Systems Design and Analysis
3 Credits
Spring 2019

Instructor Information

Course Description
This course provides an introduction to systems analysis and design view for developers and systems analysts. The course presents an overview of the information systems and the system development life cycle. Emphasis focuses on tools and techniques that developers or analyst use to document information systems. Classical and structure tools for describing data flow, data structure, process flow, input and output design will be applied to documenting systems. Emphasis will be placed on the integrated use of the classical and structure tools. The course will survey other important skills for the systems analyst such as fact-finding, communications, project management, and ethics in the information age. 3 credit hours

Textbook and Course Materials
Systems Analysis and Design, tenth Edition; **Shelly, Cashman, Rosenblatt**
(ISBN: 1-285-17134-9)

Student Learning Outcomes
- Analyze business information needs to develop an appropriate strategy to address these areas using proven industry analysis and design techniques
- Work in teams to determine the requirements and design of an information system and then orally present it to peers and professionals

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	Direct Faculty Instruction In-class **37.5 hours required**	Student Work Out of Classroom **75 hours required**
In-class lecture and discussion	37.5 hours	
Reading		20 hours
Quiz/exam studying		10 hours
Reading question completion		15 hours
Paper writing		30 hours
Total	**37.5 hours**	**75 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.