

# Hagerstown Community College Master Syllabus

## SDE-201: Multimedia Algorithm

### Course Information

SDE-201: Course Title

3 Credits

FALL 2018

### Instructor Information

Instructor: Victor O. Adegboyega-Edun

### Course Description

This is a survey course with introduction to concepts needed for career opportunities in interactive design. This course teaches the fundamentals of producing audio and video. Output is generally in the form of a working smartphone application. Both studio and field production will be emphasized as students learn the basic equipment, process, terminology, and creative options for producing audio and video, as well as the unique characteristics and restrictions associated with delivering these forms of multimedia.

### Textbook and Course Materials

Android Apprentice: Beginning Android Development with Kotlin 1.2 Paperback – July 9, 2018

### Student Learning Outcomes

- Students will learn about mobile application development
- Students will learn to design and develop mobile application for Android devices (Phones and Tablets)
- Students will learn to communicate with employers, stakeholders and potential clients the process of planning, designing and creating mobile applications.

### 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 <b>37.5 hours required</b>	Student Work Out of Classroom <b>75 hours required</b>
In-class lecture and discussion	37.5 hours	
Reading		20 hours

Classwork type	Direct Faculty Instruction In-class <b>37.5 hours required</b>	Student Work Out of Classroom <b>75 hours required</b>
Class Presentation		5 hours
In-Class Laboratory Activity		20 hours
Assignments / Homework		30 hours
<b>Total</b>	<b>37.5 hours</b>	<b>75 hours</b>

**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](mailto:dss@hagerstowncc.edu) or at 240-500-2530.