

Programming Mobile Devices II (CSC 263, CRN 3054)

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Office Hours Tuesday 10:00AM – 12:00PM – online on Microsoft Team

Days and Time:

Monday & Wednesday 1:45PM – 3:05PM & Online

Room:

Online: BlackBoard Collaborate

Resources and Supplies:

- Angular: <https://angular.io/>
- Ionic framework: <https://ionicframework.com/>
- Ionic tutorial: <https://www.tutorialspoint.com/ionic/index.htm>
- And all the curated resources provided during the lectures

Description:

- This course builds on the knowledge gained in CSC* 262 by enabling the student to specialize in the development and deployment of a mobile application for either iOS or Android. All aspects of the development are covered in the context of the device.

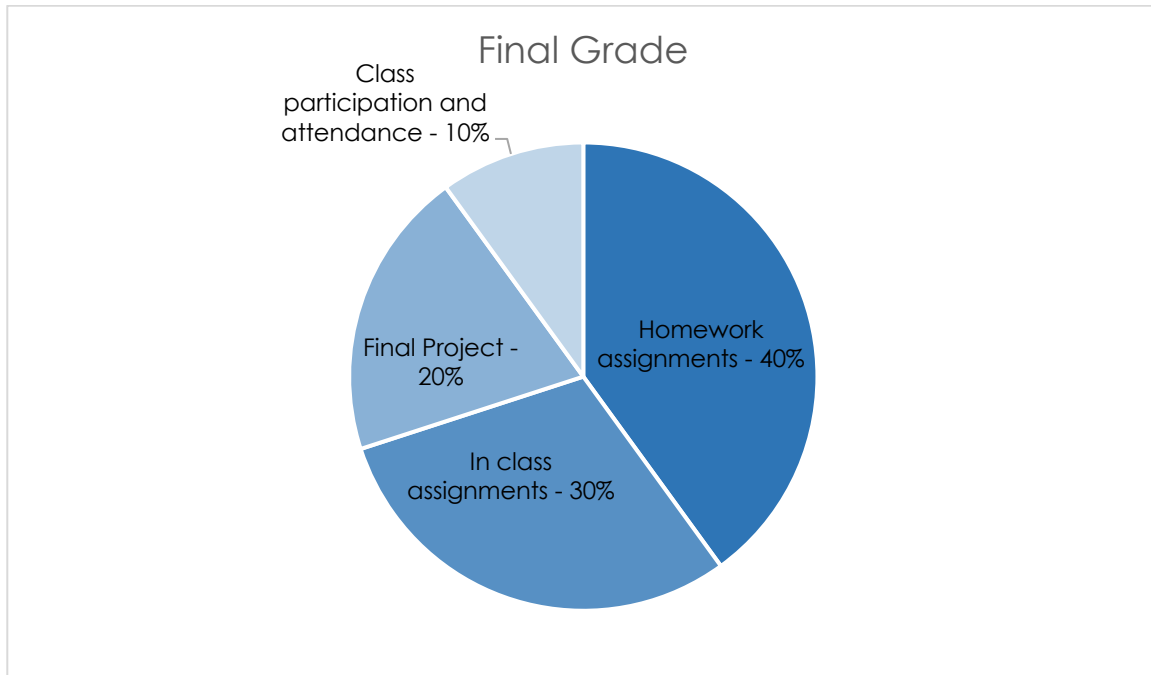
Goals:

- Designing a mobile application
- Create and debug a basic native application using the Ionic framework
- Deploy the application to either the Apple store or the Play store

Grading:

The final grade will be based on the following components. Registration for this course means that the student agrees to fulfill the requirements for this course. Students should make every effort to take the examinations and complete the laboratory projects and the homework assignments.

If a student is absent or late, the student is responsible for getting the course notes, handouts, and any laboratory assignments missed.



Class participation can be accumulated by asking and answering questions, presenting solutions. All lectures will be very interactive and I expect each of you to participate actively in class, especially when you will be working on assignments.

Regular attendance is required and expected by Gateway Community College and for this class. In case of an absence, notify me via email prior to the class. You are still responsible for any missed material and completing all work by the assigned due dates. You should contact another student in the class to get notes, assignments and any other information from the class that you missed. Unexcused absences and attending class late will result in a reduction of your grade, up to 10%.

Student Grades shall be consistent with Gateway Community College's Grading Policy. Students who are having difficulties with their course work and need assistance are strongly encouraged you to use the lab assistant that are provided.

Grading System

Gateway Community College's values for grades awarded which are used for the calculation of grades, averages and related matters are as follows:

Letter Grade	Point Ranges	Grade Point Value
A	93 - 100	4.00
A-	90 - 92	3.667
B+	87-89	3.333
B	83-86	3.000

B-	80-82	2.667
C+	77-79	2.333
C	73-76	2.000
C-	70-72	1.667
D+	67-69	1.333
D	65-66	1.000
D-	60 – 64	.667
F	0 - 59	0.000

Course Policies:

Late Tests, Assignments & Projects

Tests, assignments and projects must be turned in on time to receive full credit.

Student Conduct in Class Policy

Any acts of classroom disruption that go beyond the normal rights of students to question and discuss with instructors the educational process relative to subject content will not be tolerated, in accordance with Gateway Community College's Academic Code of Conduct as described in the Gateway Community College's Student Handbook.

Examination Policy

To prepare for examinations attend lectures and study all the material either provided or referenced in class. Most of the questions and exercises included in the assignments will be taken directly from the reading material assigned. Review all the material in preparation for the tests.

Incomplete Policy

Students will not be given an incomplete grade in the course without sound reason and documented evidence as described in the Gateway Community College's Student Handbook. In any case, for a student to receive an incomplete, he or she must be passing and must have completed a significant portion of the course.

Students with Disabilities

Any student who feels s/he may need special accommodations based on the impact of a documented disability, please contact the office of Student Disability Services at 203-285-2231 in room S-202 to coordinate reasonable accommodations. Students then should contact the professor privately to discuss specific needs.

List of topics (subject to change)

- Collecting the requirements to build a mobile application
- Designing mockups for a mobile application
- Developing the application using Ionic
 - User interfaces
 - Connecting the application to a third-party service (e.g., API service)
- Testing
- Deployment