

## Homework #8: Beginning iPhone Development with Swift

### Due: Mar. 29, 2018

#### Preliminary

- Please submit a hardcopy of this assignment in class on the due date.
- Students responsible for the week's lecture should meet with Prof. De Leon during office hours the week *before* the lecture to review their lecture slides and receive feedback. This means completing the chapter the week before the meeting and creating the lecture slides.

#### Notes

- As a reminder, mid-term app demos will occur during week 11. Please arrive on time according to your doodle selection.

#### Week 11 Lectures

George Torres and Jacob Bakarich (Chapters 22 and 23)

#### Assignment

All Electrical and Computer Engineering electives require a two page essay. Please find a current article (published within the last 18 months) that is related to the subject matter of the elective—in this case mobile/smartphone application development. The article may be taken from newspapers, magazines or journals. The essay will:

- Summarize the article (0.75 - 1 page in length)
- Explain how mobile/smartphone application development (engineering) is used to solve a problem to advance the state-of-the-art
- Explain how the solution will impact society
- Discuss professional and ethical standards that must be applied to obtaining a solution
- Include a copy of the article

Essays will address the following ABET outcomes:

- Broad education necessary to understand the impact of engineering solutions in a global and societal context
- Recognition of the need for and the ability to engage in life-long learning
- Knowledge of contemporary issues
- Ability to communicate effectively
- Understand professional and ethical responsibilities

## Grading Rubric

Points	Criteria
5	Spelling, punctuation, grammar
5	Appearance of the report: font, margins
10	Writing is clear and concise
20	Appropriateness of the article selected
15	Quality of summary
15	Identification of engineering issues
15	Explanation of societal impact
15	Discussion of professional and ethical standards