



Course Information

Course Title	Advanced Mobile Programming
Course Prefix, Num. and Title	ITSE 2343 – Advanced Mobile Programming
Division	Technology & Business
Department	Computer Science
Course Type	WECM Course
Course Catalog Description	Programming for mobile devices including file access methods, data structures, modular programming, program testing and documentation.
Pre-Requisites	ITSE 1333
Co-Requisites	None

Semester Credit Hours

Total Semester Credit Hours (SCH): Lecture Hours:	3:2:2
Lab/Other Hours	
Equated Pay Hours	3
Lab/Other Hours Breakdown: Lab Hours	2
Lab/Other Hours Breakdown: Clinical Hours	0
Lab/Other Hours Breakdown: Practicum Hours	0
Other Hours Breakdown	0

Approval Signatures

Title	Signature	Date
Prepared by:		
Department Head:		
Division Chair:		
Dean/VPI:		
Approved by CIR:		

Additional Course Information

Topical Outline: Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, and clinical or other non-lecture instruction).

- Building your first AMP Page
- Layout and Design in AMP
- Engaging Users with Interactive AMP Components
- Building Rich Media Pages in AMP
- Making Contact – Forms in AMP
- Dynamic Content and Data-Driven Interaction
- Programming with AMP

Course Learning Outcomes:

Learning Outcomes – Upon successful completion of this course, students will:

Design, write, and document mobile programs

Methods of Assessment:

Labs, Assignments, Projects, Exams, and Reading Assignments

Required text(s), optional text(s) and/or materials to be supplied by the student:

AMP: Building Accelerated Mobile Pages: Create lightning -fast mobile pages by leveraging AMP technology, Ruahdhan O'Donoghue, Packt Publishing, ISBN 9781786462190 or similar title

Suggested Course Maximum:

20

List any specific or physical requirements beyond a typical classroom required to teach the course.

- Computer for each student
- Like Visual Studio, Eclipse, Android Studio IDE

Course Requirements/Grading System: Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course.

Programming Assignments 20-60%

Final Project 20-40%

Midterm Exam 0-40%

Final Exam 20-40%

Attendance & Participation 0-20%

100 -90 = A

89 - 80 = B

79 - 70 = C

69 - 60 = D

and below = F

Curriculum Checklist:

- Administrative General Education Course** (from ACGM, but not in WCJC Core) – No additional documents needed.
- Administrative WCJC Core Course.** Attach the Core Curriculum Review Forms
 - Critical Thinking
 - Communication
 - Empirical & Quantitative Skills
 - Teamwork
 - Social Responsibility
 - Personal Responsibility
- WECM Course** -If needed, revise the Program SCANS Matrix and Competencies Checklist