## Course Syllabus
ISM4930 – Basic Android App Development - 3 Credits
Spring 2016
Rev. 12-30-2015

### General Information
<table>
<thead>
<tr>
<th>Course Number/CRN</th>
<th>ISM4930/ CRN 11022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Title</td>
<td>Basic Android App Development</td>
</tr>
<tr>
<td>Semester/Year</td>
<td>Spring 2016</td>
</tr>
<tr>
<td>Offering College/Department</td>
<td>Lutgert College of Business (LCOB)/Information Systems and Operations Management (ISOM)</td>
</tr>
<tr>
<td>Credit Hours</td>
<td>3</td>
</tr>
<tr>
<td>Meeting Times/Location</td>
<td>Traditional Format - Class: Monday – Wednesday - Friday (MWF) 11:00 am - 11:50 am – Lutgert Hall Room 2212. Final Exam: Friday April 29th 10:00 am - 12:15 pm Lutgert Hall Room 2212. Please do not schedule trips home on final date.</td>
</tr>
</tbody>
</table>

### Method of Delivery
- Welcome to ISM 4930! This will be an exciting course that moves quickly and includes a lot of material, so be sure to not fall behind. *(3 in-class meetings a week)*
- To guide the learning process, the instructor will be sending e-mails containing detailed tasks (assignments). These tasks usually include textbook readings; assignments; simulations; videos; and interactive discussion forums, among other learning strategies
- The e-mails will contain the latest-time (deadline) to complete the tasks (assignments).
- Students work will be assessed and evaluated based on the assignments and exams.
- A mandatory confirmation of attendance assignment will need to be completed within the first week of classes on Canvas. This assignment will be required for all students, not only those receiving financial aid.

### Course URL
http://canvas.fgcu.edu (select the “ISM4930” course)

### Prerequisites
None

### Instructor Information
<table>
<thead>
<tr>
<th>Instructor</th>
<th>Eugene Hoyt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office Location</td>
<td>Lutgert Hall 3364</td>
</tr>
<tr>
<td>Phone Number</td>
<td>Please email me through Canvas or FGCU email.</td>
</tr>
<tr>
<td>E-Mail Address</td>
<td><a href="mailto:ehoyt@fgcu.edu">ehoyt@fgcu.edu</a> not <a href="mailto:ejhoytjr@eagle.fgcu.edu">ejhoytjr@eagle.fgcu.edu</a></td>
</tr>
<tr>
<td>Office Hours for CGS 1100</td>
<td>Monday – Wednesday – Friday 12 PM – 2 PM. Please email me if other times are needed and I will do my best to assist.</td>
</tr>
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</table>

### Course Information
This course will guide students through the process of building apps from a variety of domains including science, engineering, and business using an active learning approach. The technologies that will be introduced will work with all major mobile and web platforms and will be applicable in any domain.

### Catalog Description

<table>
<thead>
<tr>
<th>Student Learning Outcomes</th>
<th>LCOB Learning Goal (EAGLES)</th>
<th>Learning Outcome</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFFECTIVE communication</td>
<td>Demonstrate competency in the use of personal productivity applications</td>
<td>Projects</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Share information and knowledge through collaborative software tools.</td>
<td>Team project</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Work successfully in a virtual team.</td>
<td>Team work outside of class</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Competently use technology vocabulary.</td>
<td>Readings/projects/exam</td>
<td></td>
</tr>
<tr>
<td>ANALYTICAL &amp; critical thinking</td>
<td>Frame &amp; solve common business problems.</td>
<td>Readings/projects/exam</td>
<td></td>
</tr>
</tbody>
</table>
Consider the integrated GLOBAL business environment & its challenges & opportunities.

<table>
<thead>
<tr>
<th>Consider the integrated GLOBAL business environment &amp; its challenges &amp; opportunities.</th>
<th>Describe how to act as a responsible, ethical user in a globally networked computer community.</th>
<th>Building applications ethically for the global community</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value the significance of ETHICAL &amp; LEGAL issues in business</td>
<td>Recognize how and why to protect sensitive personal information</td>
<td>Readings/projects/exam</td>
</tr>
<tr>
<td>Understand the ENVIRONMENTAL impact of business.</td>
<td>Explain how to appropriately reuse/recycle old hardware.</td>
<td>Readings/projects/exam</td>
</tr>
<tr>
<td></td>
<td>Explain the environmental impact of computer technology.</td>
<td>Readings/projects/exam</td>
</tr>
<tr>
<td>Possess necessary SKILLS across business disciplines.</td>
<td>Define and use computer hardware and software terminology.</td>
<td>Readings/projects/exam</td>
</tr>
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**Required Materials**

**Required**
- Author: Pawan Lingras
- Title: Building Cross-Platform Mobile and Web Apps for Engineers and Scientists: An Active Learning Approach
- Publisher: Cengage
- ISBN13: 9781305105966

**Course Contents**

Areas of discussion for the term:
- Developing, installing, and testing first app
- Making apps more interactive through data input
- Making apps do significant computing
- A menu-driven app to monitor important indicators
- Storing data locally on a device for long-term use
- Graphics on HTML5 canvas
- Using servers for sharing and storing information
- Using MongoDB server for sharing and storing
- Using a relational database for sharing and storing information
- JavaScript templating
- Maps, location, and multimedia databases
- Cross-platform and native app development

**Teaching Philosophy**

**Instructor's Role** - The instructor serves as facilitator in the learning process:
- Creating exciting learning opportunities for the students
- Assigning readings & challenging projects
- Assessing students’ work

**Student's Role** - Students (you!) should be active participants in the learning process:
- Checking Canvas daily for updates
- Submitting assignments in Canvas (by due date)
- Contacting the Instructor of issues or questions as soon as they arise.

**Grading Policy**

**Grading Policy:**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>90% – 100%</td>
</tr>
<tr>
<td>B</td>
<td>80% – 90%</td>
</tr>
<tr>
<td>C</td>
<td>70% – 80%</td>
</tr>
<tr>
<td>D</td>
<td>60% – 70%</td>
</tr>
<tr>
<td>F</td>
<td>60% – 0%</td>
</tr>
</tbody>
</table>

**Graded Learning Activities/Assignments in this course:**
<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>30%</td>
</tr>
<tr>
<td>Programming Projects</td>
<td>30%</td>
</tr>
<tr>
<td>Final examination - cumulative</td>
<td>40%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

1. All homework assignments and exams are expected to be received on the date and time specified per schedule.
2. Late assignments will not be accepted.

Things to do the first week!
- Complete the mandatory confirmation of attendance assignment on Canvas
- Read the Syllabus – look at the schedule on Canvas for assignments and due dates
- Buy the textbook
- Log onto Canvas, read what is posted and check your email (check this daily)
- Read all posted Assignments on Canvas

**Validation:** Students may be contacted by the instructor via email or Canvas. In some cases, the instructor may ask a student to visit his office in order to validate the student’s performance in online tests, assignments, and quizzes.

### COURSE EVALUATION

**Attendance-Participation**
- Assignments/Projects/Exams
- Final will be given in class per schedule. Do not schedule a trip home during the finals week. No exemptions. Please notify those responsible for purchasing your travel at the end of the semester to avoid conflicts during finals week.

**Grading Criteria for assignments and tests.**
- Please see the university catalog for information.
- Students have a full-week to complete the tasks; therefore, no late assignments or examinations will be accepted--except for the authorized and excused absence specified in the university catalog. A student who seeks an authorized or excused absence must submit documentation (such as a physician’s note) to the instructor.
- Please be aware that being "dropped by the University for not paying the full tuition" is NOT a reason for an authorized and excused absence specified in the university catalog.
- An emergency situation such as unavailability of CANVAS or SAM (due to network problems) will be considered by the instructor on a case by case basis.

**Policy regarding missed tests or assignments**

**Statement on e-mail usage in Eagle mail and/or CANVAS email**
To assure that your e-mails are delivered, you must use either Eagle e-mail or Canvas messaging to communicate with the instructor and other students.

**Last day to drop/withdraw without academic penalty**
Please find the information at [http://www.fgcu.edu/Registrar/academiccalendar.asp](http://www.fgcu.edu/Registrar/academiccalendar.asp)

**University Statements**

**Academic Behavior Standards and Academic Dishonesty**
All students are expected to demonstrate honesty in their academic pursuits. The university policies regarding issues of honesty can be found in the FGCU Student Guidebook under the *Student Code of Conduct* and *Policies and Procedures* sections. All students are expected to study this document which outlines their responsibilities and consequences for violations of the policy. The FGCU Student Guidebook is available online at [http://studentservices.fgcu.edu/judicialaffairs/new.html](http://studentservices.fgcu.edu/judicialaffairs/new.html).

Sanctions for academic dishonesty may include receiving an “F” in this course – FGCU may impose additional penalties. Any incidents of academic dishonesty may be referred to the FGCU Office of Judicial Affairs. Please look up the definition of plagiarism – it includes copying something off the Internet & submitting it as your own work.

Some examples of what is NOT acceptable:
- Emailing or posting your work to let someone else “just see how you did it”.
- Copying someone’s assignment or copying something from a book or the Internet.
- Giving or receiving help from someone (in person, on line or on the phone) during an online test.
- Telling someone else what is on a test.
• Collaborating on the final exam
Examples of what is acceptable:
• Discussing how to approach an assignment with another student.
• Showing someone where they might have made a mistake on an assignment.
• Asking the professor for assistance.

Disability Accommodations Services
Florida Gulf Coast University, in accordance with the Americans with Disabilities Act and the university’s guiding principles, will provide classroom and academic accommodations to students with documented disabilities. If you need to request an accommodation in this class due to a disability, or you suspect that your academic performance is affected by a disability, please see me or contact the Office of Adaptive Services. The Office of Adaptive Services is located in the Wellness Building 130. For more information, contact us at 239-590-7956 (voice), 239-7975 (fax), 239-243-9453 (video phone) or by email at adaptive@fgcu.edu In addition to classroom and campus accommodations, individuals with disabilities are encouraged to create their personal emergency evacuation plan and FGCU is committed to providing information on emergency notification procedures. You can find information on the emergency exits and Areas of Rescue Assistance for each building, as well as other emergency preparedness materials on the Environmental Health and Safety and University Police Department websites. If you will need assistance in the event of an emergency due to a disability, please contact Adaptive Services for available services and information.

Student Observance of Religious Holidays
All students at Florida Gulf Coast University have a right to expect that the University will reasonably accommodate their religious observances, practices, and beliefs. Students, upon prior notification to their instructors, shall be excused from class or other scheduled academic activity to observe a religious holy day of their faith. Students shall be permitted a reasonable amount of time to make up the material or activities covered in their absence. Students shall not be penalized due to absence from class or other scheduled academic activity because of religious observances. Where practicable, major examinations, major assignments, and University ceremonies will not be scheduled on a major religious holy day. A student who is to be excused from class for a religious observance is not required to provide a second party certification of the reason for the absence.

Library Information
Online research guides:
• Accounting & Tax - http://fgcu.libguides.com/accounting_and_tax
• Company and Industry Research http://fgcu.libguides.com/company_information
• Economics & Finance http://fgcu.libguides.com/c.php?g=324477
• Management http://fgcu.libguides.com/c.php?g=324470
• Marketing http://fgcu.libguides.com/c.php?g=337745

Contact for Librarian
Regina Beard (rmbeard@fgcu.edu), Business Librarian is available by appointment for assistance with business research questions.

How To Log Into the Course in CANVAS
• Activate your FGCU EagleMail Account (if you have not done this yet). Your FGCU EagleMail account MUST be activated to log in to Canvas. If you are a first time student, you will need your PIN and Eagle ID, both of which are assigned at registration.
  o If you don’t know your PIN, you will need to go to the Registrar's office to retrieve it.
  o To activate your account, visit http://admin.fgcu.edu/IS/applications/studentaccts/activate.asp.
  o Log in to Canvas at http://canvas.fgcu.edu/. You need to use FGCU EagleMail account and password to log in; expand, if not displayed; Click CGS1100

"History has demonstrated that the most notable winners usually encountered heartbreaking obstacles before they triumphed. They won because they refused to become discouraged by their defeats." B. C. Forbes