iPhone 101:
Features for First-Time and Veteran Users

Facilitators Guide

John Coney
Brian "Brien" Nakamoto
Submitted to Dr. Curtis Ho
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ETEC 632 – Spring Semester 2011
Introduction

The purpose of this guide is to provide directions for teachers, or the facilitator to offer this online course in teaching modules on getting the most out of your iPhone. This includes a course syllabus example, links, resources and suggestions on how to teach this course in an effective manner.

The instructor of this course should have a background in using the iPhone, as well as an understanding of the apple store, loading applications, common uses of the iPhone. As the instructor will be using a variety of technologies, such as Skype, Google docs, Elluminate and Laulima, it would be best to familiarize them self with these tools well in advance of the class. The intended audience for this course is college level students interested in marine reef ecosystems.

Description

The number of iPhone users is growing at a rapid pace, as there are already over 90 million people already owning the iPhones as of January 2011 (Costello, n.d.) and still more to come, given that Verizon has already started selling the iPhones since from February 10th. A recent survey shows that people who own Verizon’s Android or BlackBerry are planning to switch to iPhone (Ong, 2011). The problem we have encountered is, there are a number of users who want to configure their iPhones but have somewhat limited instructions available through Apple’s iPhone website and desire additional training resources. Based on a web site as primary site for the class, will consist of several modules to allow users to get the most out of their iPhone. While primarily web based, this course will utilizing synchronous and asynchronous online learning techniques as well.

Audience Criteria.
This course is open to the individuals who are currently attending college or older who own an iPhone.

Site for the course can be found at:
2. https://laulima.hawaii.edu/portal/site/93c63e65-5a93-4516-a494-db5b71d8f603
   (iPhone page found in Laulima)

Course Syllabus can be found at: http://iphonelearning.weebly.com/syllabus.html
Requirements of the Facilitator:
- Be knowledgeable about using the iPhone and at least iOS 4.3 or higher
- Some knowledge of common iPhone application would be good
- Experience with the tools used in this course, Elluminate, Skype, G-Docs, etc.
- Comfortable with computer and on-line teaching.

Role of Facilitator:
- State expectations at beginning of course
- Explain course interactions, blogs, projects, student - teacher relationships
- Emphasize importance of interactions
- Encourage frequent interactions (accessibility), host office hours, provide FAQ's
- Set goals and measurable benchmarks for your students

Facilitator Preparation:
- Be prepared for each session.
- Review the facilitator notes for each session
- Understand and know the requirements and limitations of the technology used.
- Build in Wait-time after questions and answers.
- Take the course yourself, before offering it.

Class Size and Expectations:
- Size limit should be between 12-20 students.
- Project groups should be 4-6 students per team.
- Early on, remind students of commitments in time and energy during the course.

Community Building and Discussions:
- Emphasize community building
- Create a G-doc of list of student names. Create community of learners, by asking them to add a picture and details of themselves, list favorite iPhone app.
- Round robin introductions at the start of course
- Encourage participant sharing of local knowledge
- Provide opportunities for students to become teachers. i.e. have them lead review sessions.

Assessment:
- Provide immediate feedback on grades
- Self-assessment from students
- At end of key sessions, round robin on what learned, one question they might have had.
- Teacher assessment, at end of course, identify improvements to course and materials
Technical Problems:
- Determine campus resources for technical assistance
- Encourage students interaction to solve problems
- Look ahead to determine problems that might crop up, new programs, etc.

Facilitators Notes:
1. The course will use only Laulima and Weebly. The mini course is intended to merge with face-to-face instruction, thus making the instructional format to be hybrid.

2. This course is intended for first-time and veterans iPhone users. The users of iPod touch can qualify to enroll into this course, but is not recommended due to the differences between iPhone and iPod touch, including the lack of phone and text messages.

3. Elluminate sessions is strongly encouraged for office hours, troubleshooting, or assistance with the course.

4. The instructor is responsible to develop the quizzes related with iPhone. The quizzes do not require to have more than 10 questions and those questions should be relatively easy to remember and will apply to their use on iPhone.

5. The students are expected to own the iPhone prior to the enrollment of this course. During this course, they are expected to use their own iPhones. It is preferred that their iPhone’s operating system is already updated to the iOS 4.3 or higher.

6. Some students may have iPhones that are jailbroken through several sources such as Redsn0w or Greenp0ison. This course will not focus on any jailbreaking features on iPhone. If you are aware of the jailbreaking on iPhone, it is strongly encouraged that the concept of jailbreaking should be avoided.

7. If you are unaware of solving the technical problems or do the troubleshooting on iPhone, consider looking up on Apple’s iPhone support webpage, available on http://www.apple.com/support/iphone.

Implementation of Course

Tools to be used:
Web based:
- Primary contact: Web page in Weebly
- Laulima
- Elluminate
- Google Docs
- Blog site of choice (Blogger, Wordpress, etc.)
**Synchronous Tools:**
- Skype, using collaboratively with Google docs on a group project
- Elluminate, used as primary class meeting tool
- Google docs combined with Skype on projects

**Asynchronous Tools:**
- PowerPoint & PDF files
- Google docs, for group work on projects asynchronously
- Blogs to share ideas
- Laulima for discussion forums and assignment submissions

**Course Schedule:**

<table>
<thead>
<tr>
<th>Week</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1 (2 hours)</td>
<td>Course introduction, review course syllabus, peer &amp; instructor introductions</td>
</tr>
</tbody>
</table>
| Week 2 (3 hours) | Introduction to iPhone  
Nurturing Your iPhone  
Getting Around  
Basic Features  
Assignment #1: Choice of Five Important Features |
| Week 3 (3 hours) | Advanced Features  
Assignment #2: Useful Advanced Features |
| Week 4 (3 hours) | Exploring the Apps  
Discovering the App Store  
Assignment #3: Six Apps in Your Locus of Control |
| Week 5 (3 hours) | Teleporting into Gaming World  
Tips and Tricks  
Assignment #4: Recommendation of Gaming Apps  
Next Step: Further Learning |
| Week 6 (2 hours) | Final Presentations  
Course Wrap-up & Evaluation |

**Description of learning objects.**
The information used in this course will consist of text, graphics, websites, and PDF documentations that support the learning related to the use of the iPhone. The documentations will be mentioned in the course website and stored via Resources folder in Laulima.

**Expert Review Plan:**
Qualifications of reviewer.
Reviewers for this module will be consist of at least two students from the Spring 2011, ETEC 632 course. This is done to draw on their understanding of their current class project, similar to ours. This will enhance their understanding of the review process, as well as have the scrutiny of the process fresh in their minds as they evaluate this one-credit course. Preference will be given to those with a history and advanced knowledge of the iPhone.

Review Process.
A survey will be conducted to include a pre-survey and post survey to compare effectiveness of this module.
Review criteria.

A Likert-scale rating system will be used to evaluate learners understanding of the iPhone. This is broken into a pre and post survey. Some questions are duplicated to evaluate learning.

### Pre Survey

<table>
<thead>
<tr>
<th>Description</th>
<th>Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>How many years have you owned an iPhone?</td>
<td></td>
</tr>
<tr>
<td>Rate your comfort level of using the iPhone.</td>
<td></td>
</tr>
<tr>
<td>Comfort level of adding and removing apps from iPhone.</td>
<td></td>
</tr>
<tr>
<td>Knowledge of the iPhone.</td>
<td></td>
</tr>
<tr>
<td>Have an account set up with App Store?</td>
<td>(Y/N)</td>
</tr>
<tr>
<td>Do you consider yourself an expert of using the iPhone?</td>
<td></td>
</tr>
</tbody>
</table>

### Post survey

<table>
<thead>
<tr>
<th>Description</th>
<th>Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clarification of the module.</td>
<td></td>
</tr>
<tr>
<td>Course content is relevant to the course goal and learning objectives.</td>
<td></td>
</tr>
<tr>
<td>Are you confident you can add and remove apps from your iPhone</td>
<td></td>
</tr>
<tr>
<td>Topics were covered in great depth.</td>
<td></td>
</tr>
<tr>
<td>Resources are relevant to the course.</td>
<td></td>
</tr>
<tr>
<td>Rank your comfort level using the iPhone after taking this module</td>
<td></td>
</tr>
<tr>
<td>Assignment</td>
<td>Points</td>
</tr>
<tr>
<td>------------</td>
<td>--------</td>
</tr>
<tr>
<td>Ease pacing in learning of the module.</td>
<td></td>
</tr>
<tr>
<td>Well developed learning objects.</td>
<td></td>
</tr>
<tr>
<td>Attitude after the module.</td>
<td></td>
</tr>
<tr>
<td>Assignments cover a reasonable amount of the course.</td>
<td></td>
</tr>
<tr>
<td>Quizzes are relevant.</td>
<td></td>
</tr>
<tr>
<td>Balance of synchronous and asynchronous meetings.</td>
<td></td>
</tr>
<tr>
<td>Rate your comfort level of using the iPhone.</td>
<td></td>
</tr>
<tr>
<td>Knowledge of the iPhone.</td>
<td></td>
</tr>
<tr>
<td>Any feedback or suggestions for modifications or improvements on the module?</td>
<td>(no rank; open-ended question comment)</td>
</tr>
</tbody>
</table>

**Follow up Activities:**

The follow-up activities are intended to have the student provide their input and feedback on the course, as well as on their peers in the course and the course instructor. These activities can include the following components.

- Completion of peer feedback and evaluation
- Completion of course evaluation at the end of the course

**Course Rubric:**

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Excellent (A/B)</th>
<th>Acceptable (C)</th>
<th>Unacceptable (D/F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ability of working on physical controls of the iPhone</td>
<td>Does, well, able to use multi-use buttons</td>
<td>Able to use basic buttons, not using special features</td>
<td>Unable to control iPhone on/off, volume, hard-off, or</td>
</tr>
<tr>
<td>Ability of working on screen controls</td>
<td>Able to cut, copy, and paste easily.</td>
<td>Comfortable with moving around on screen.</td>
<td>Not able to zoom in/ out, or use screen gestures.</td>
</tr>
<tr>
<td>Ability of learning new applications</td>
<td>Learned and is comfortable with at least five new applications.</td>
<td>Able to download and use at least three new applications.</td>
<td>Not able to download any apps from App Store, unable to find and use on iPhone.</td>
</tr>
<tr>
<td>Ability of use as a phone</td>
<td>Able to use advanced features of the iPhone, conference calls, timer, etc.</td>
<td>Able to make and receive phone calls, and use some advanced features.</td>
<td>Not able to use address book, unable to look up last call dialed/received.</td>
</tr>
<tr>
<td>--------------------------</td>
<td>---------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------</td>
</tr>
<tr>
<td>Ability of being confident in future use of iPhone</td>
<td>Comfortable with new changes, feature upgrades and newer technologies of future iPhone, and has no problem in learning about new features.</td>
<td>Comfortable with current iPhone, minimal interest in new changes, and able to learn about those new features.</td>
<td>Hard time using current iPhone, will not ever take a class again, will use as cell phone only, and unable to learn about new features.</td>
</tr>
<tr>
<td>Ability of using email</td>
<td>Able to send/receive emails, with attachments with no hesitation</td>
<td>Able to send/receive email, but has to figure out about it.</td>
<td>Difficult time or being awkward about sending email, not able to send emails confidently</td>
</tr>
</tbody>
</table>

Resources:
- [http://iphonelearning.weebly.com/resources.html](http://iphonelearning.weebly.com/resources.html) (Click on Resources tab)
- [https://laulima.hawaii.edu/portal/site/93c63e65-5a93-4516-a494-db5b71d8f603](https://laulima.hawaii.edu/portal/site/93c63e65-5a93-4516-a494-db5b71d8f603) - iPhone Laulima website (require login)

References: