

## Mobile APP Training Camp

Smart Phone is now the closest electronic equipment to humans. According a study from the Macao Association for Internet Research (MAIR), 77% of Macao residents use mobile phone to connect to the Internet, and there are about 470,000 mobile Internet users. Mobile Phone is the most used vehicle for Internet Users. Thus, mobile phone-based applications are becoming the new opportunities for the innovative entrepreneurs.

To promote the understanding of the development and application of information technology to UM students from different majors, and to assist them to implement their creative ideas by developing mobile applications, and also to respond to the Macao SAR government in support of the youth entrepreneurship policy. The Centre for innovation will organize an APP training camp between September and October. Students are encouraged to actively learn and utilize information technology, and to have an in-depth thinking of IT in application to different majors of study. Combining with the APP development knowledge from the training camp, students are stimulated to design innovative projects with commercial value. The innovation atmosphere will also be boosted up in the campus.

### **Course**

Date:	16, 23, 30 September & 7, 14 October (Saturday)
Time:	9:30am – 12:30pm
Total hours:	15 hours
Quota:	45 students
Target:	UM students who are interested in Mobile App
Fee:	Free of charge
Location:	Computer Room of University of Macau
Medium of Instruction:	English
Deadline of Application:	8 September 2017
Announcement of Admission:	12 September 2017
Certificate:	Participants with attendance reaching 80% and completing the training requirements will be awarded a certificate issued by the Institute of Collaborative Innovation
Application:	Complete the application form and email to <a href="mailto:ICI.Innovation@umac.mo">ICI.Innovation@umac.mo</a>

### **Instructor**

Dr. Tony Sam, assistant professor of business information systems, Faculty of Business Administration. Dr. Sam has more than 10 years teaching and research experience in business information systems, computer language, web mining, and user interface of information & communication systems.

### **Course Content (tentative)**

Lesson 1 (16 Sep)	<ul style="list-style-type: none"> <li>❖ Installation of android application development platform and running a simple demo</li> <li>❖ Basic android programming concepts</li> </ul>
Lesson 2 (23 Sep)	<ul style="list-style-type: none"> <li>❖ Basic object-oriented concepts, event-driven programming in Java Language and XML</li> <li>❖ Activity concepts and applications</li> </ul>
Lesson 3 (30 Sep)	<ul style="list-style-type: none"> <li>❖ Layout screen design</li> <li>❖ Running android apps on real device</li> </ul>
Lesson 4 (7 Oct)	<ul style="list-style-type: none"> <li>❖ Commonly-used form elements in android apps</li> </ul>
Lesson 5 (14 Oct)	<ul style="list-style-type: none"> <li>❖ Using Intent to transit from page to page</li> <li>❖ More about graphical user interface</li> <li>❖ A business example</li> </ul>