To confirm your registration, please complete this form including payment.  Please tick (/) where applicable  Course Name : Short Course on Securing the Information System  Venue : UTM Johor Bahru  Fee : RM1590.00 per pax	REGIS	TRATION FO	RM	YES! Please register the following participant(s) for this course		
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School of Professional and Continuing Education (SPACE)

## SHORT COURSE ON



## UTM Johor Bahru



This course covers the basic principles and techniques used to protect information. The area covered begins with description of the various structure of communication systems in practice today, security architecture and models, issues related to legislation and ethics, and physical security. Consequently, the course will cover areas applicable to electronic and communication security with description of the various types of cipher systems followed by its use in Finally, applications authentication. telecommunication, network and the internet are demonstrated. Besides in-class lectures at UTMSPACE facilities, participants will also be exposed to lab work, case study with presentation and site visits. Lecturers who conducted this program have the necessary experience to deliver the material relating theory with practice.



## **COURSE CONTENTS**

- Introduction to information system
- Introduction to cryptography
- Historical perspectives
- Criteria for cipher systems
- Introduction to number theory
- Stream ciphers
- Block ciphers
- Public key ciphers
- Authentication
- Keymanagement
- Applications in radio communication, email and world wide web.

## **FACILITATOR**



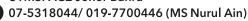
ASSOC. PROF. DR AHMAD ZURI BIN SHA'AMERI obtained his B. Sc. in Electrical Engineering from the University of Missouri-Columbia, USA in 1984, and M. Eng. Electrical Engineering and Ph D both from UTM in 1991 and 2000 respectively. He was the Head of the Microelectronic and Computer

Engineering (MICE) Dept and currently the Academic Coordinator for the DSP Lab, Faculty of Electrical Engineering, UTM. His research interest includes signal theory, signal processing for radar and communications, signal analysis and classification and information security. The subjects taught at both undergraduate and postgraduate levels includes digital signal processing, advance digital signal processing, and advance digital communications. He has also conducted short courses for both government and private sectors. At present, he has published 160 papers in his areas of interest at both national and international levels in conferences and journals.



IN-HOUSE Courses can be designed in accordance with organizational reauirements.

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