

# King Fahd University of Petroleum & Minerals

## *College of Computer Science & Engineering*

### Seminar:

## **From Exploit to Metasploit**

Dr. Sami Zhioua

Wednesday October 14th, 2pm  
Room: 22-119

**Summary:** An exploit is a piece of software or a sequence of commands that takes advantage of a vulnerable machine. Exploits can be written in any programming or scripting language (c, python, perl, ruby, etc.). However, a common template (language-independent) has been introduced through the Metasploit framework and is becoming the de-facto standard to write exploits. In this seminar, we describe the full process used by penetration testers to discover a vulnerability, write an exploit and convert it to a metasploit module.

**CyberSecurity Research Group:** After the end of the seminar, there will be 15 minutes presentation of the newlyly formed CyberSecurity Research Group, its upcoming activities, and how to become an active member in it.

