Faculty of Commerce & Business Administration

Advanced Programming

Information :

Course Code : MIS 301	**Level** : Undergraduate	**Course Hours :** 3.00- Hours

Department :	Management Information Systems

Instructor Information :

Title	Name	Office hours
Lecturer	Hesham Mohamed Mostafa Mohamed Mahmoud Elmasry	8
Assistant Lecturer	Mira Tamer Mohamed Helmy Shaker	
Assistant Lecturer	Fatma Amr Shawkat Ahmed Abogabal	

Description :

The Advanced Programming course is a successor to the Introduction to Programming course. This course teaches some advanced programming concepts. It builds upon prior knowledge of students about programming using languages like C. This is going to be an intensive hands-on course and is going to be heavily based on programming assignments, labs and practical exams. The course begins with a discussion on Introduction to Object Oriented Paradigm and Programming Concepts. Students will learn the key elements of a typical object oriented application such as objects, classes, messages,interfaces, abstraction, inheritance, encapsulation and polymorphism. After covering the basics ofobject oriented programming, GUI programming, Collections Framework, and other advanced programming concepts are covered. Prerequisite: MIS202, 3 cr.