



## PROGRAM STRUCTURE

Course	No. of Courses	Credit Hours
Core	23	57
College	9	29
Major	10	34
Electives	4	12
<b>TOTAL</b>	<b>46</b>	<b>132</b>

## DEGREE PLAN



## FACILITIES

Smart classrooms with Blackboard, Smartboard and Banner.



Labs: Sun, Electronics, Circuits, Robotics, Arduino, Cloud Computing. Android, iOS.

## ADMISSION REQUIREMENTS

- 1 Completed online application.
- 1 Secondary school certificate or equivalent.
- 1 General Aptitude Tests (Qudrat) or equivalent (SAT1)
- 1 PMU English Placement Test or valid IELTS certificate (Academic version) / TOEFL iBT with acceptable scores.



## HOW TO APPLY

- Apply Online → Receive verification email
- Complete your online application → Receive Acceptance
- Pay the 1st installment



APPLY



PAY

## ADMISSIONS OFFICE

enrollment@pmu.edu.sa

800 1230 123 +966 13 849 8880



جامعة الأمير محمد بن فهد  
PRINCE MOHAMMAD BIN FAHD UNIVERSITY

## INFORMATION TECHNOLOGY



كلية هندسة وعلوم الحاسب الآلي  
COLLEGE OF COMPUTER ENGINEERING AND SCIENCE



WANT MORE INFO?

PMU.edu.sa

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Computing Accreditation Commission

The Information Technology program at PMU is accredited since 2016 by the ABET Computing Accreditation Commission (CAC), USA.

## INTRODUCTION



Information Technology as specialty is in an excellent position on the technical and engineering study-career spectrum. It is situated between MIS on one side and Computer Science then Computer Engineering on the other. IT covers the study, design, configuration, optimization, training, implementation and support of software and hardware solutions from computers and telecommunications domains to store, retrieve, transmit and manipulate data for the purpose of maintaining the lifeblood of the enterprise.

## WHY INFORMATION TECHNOLOGY?

Completing a degree in Information Technology from the College of Computer Engineering & Science at PMU gives you a sense of personal accomplishment, career satisfaction, and endless possibilities such that you may specialize in an aspect of computer technology; you can work as a database or network administrator or you can become a web developer or webmaster, you can even focus on creating new digital multimedia; from creating avant-garde video games to digital photography software to music sharing systems.

## PROGRAM OBJECTIVES

- ↳ Graduates will pursue successful careers as professionals and/or undertake graduate studies
- ↳ Graduates will pursue state-of-the-art solutions to Information Technology related problems, and evaluate and embrace new technologies
- ↳ Graduates will demonstrate professional and ethical responsibilities in their careers and engage in self-learning activities
- ↳ Graduates will undertake leadership roles in industry and make positive impact in the development of their communities

## PROGRAM OUTCOMES

- ↳ Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
- ↳ Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- ↳ Communicate effectively in a variety of professional contexts.
- ↳ Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- ↳ Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
- ↳ Use systemic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.

## CAREER OPPORTUNITIES

Potential careers of the IT Graduate:

- ↳ Web Design and Administration
- ↳ Cybersecurity Engineer
- ↳ Mobile Systems Design and Support
- ↳ Networking Administrator/Engineer
- ↳ ERP Specialist (SAP)
- ↳ Database Administrator (ORACLE)
- ↳ User interface design, development of multimedia and Web applications

## CERTIFICATION PREPARATION

