

## Degree Plan

### Major related courses

GEIT 1411 – Computer Science I  
GEIT 1412 – Computer Science II  
GEIT 2421 – Data Structures  
GEIT 2291 – Professional Ethics  
GEIT 2331 – Mathematical Reasoning  
GEIT 3341 – Database I  
GEIT 3331 – Computer Organization  
GEIT 3351 – Principles of SW engineering  
GEIT 4361 – Internship  
ITAP 1311 – Introduction to IT  
ITAP 2312 – Web Development  
ITAP 2431 – Network Management  
ITAP 3431 – Network Security  
ITAP 3313 – User Interface Development  
ITAP 3471 – Web Server Management  
ITAP 3411 – Systems Programming  
ITAP 3382 – Business Intelligent  
ITAP 3383 – Enterprise Resource Planning  
ITAP 4371 – e-Commerce  
ITAP xxxx – 3 IT Elective courses  
MIS/BUSI – Elective course

### Mathematics related courses

MATH 1311 – Finite Math  
MATH 1312 – Calculus for Business  
MATH 1313 – Statistical Methods

## Program Structure

Course	No. of Courses	Credit Hours
Core	20	57
College	9	29
Major	10	34
Electives	4	12

## Accreditation



Computing  
Accreditation  
Commission

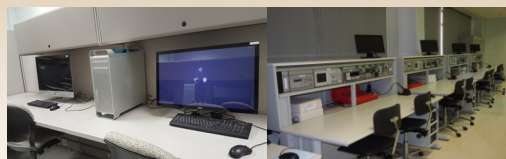
The Information Technology program at PMU is accredited since 2016 by The ABET Computing Accreditation Commission (CAC), USA.

## Facilities

Smart classrooms with Blackboard, Smartboard and Banner.



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



## Admission Requirements

The College of Computer Engineering & Science expects a set of minimum standards of academic performance from its students. Using a 4.0 scale for course grades, The College of Computer Engineering & Science requires that students maintain minimum grade point averages (GPA) for various categories of courses consisting of:

- 2.0 GPA in courses from the PMU Core Curriculum
- 2.0 GPA in degree-specific courses (courses from the Core Curriculum that CCES students must complete beyond the minimum requirement)
- 2.25 GPA in courses required by the college (GEIT prefix)
- 2.5 GPA in courses within the academic discipline

## How To Apply

Read Admission Guide here

<https://www.pmu.edu.sa/pdf/viewer?ID=203>

Fill the application form online

[https://www.pmu.edu.sa/admission/apply\\_now\\_ads](https://www.pmu.edu.sa/admission/apply_now_ads)



Prince Mohammad Bin Fahd University

College of Computer  
Engineering and Science

Information Technology



## Want more info?



[www.pmu.edu.sa](http://www.pmu.edu.sa)

[cces@pmu.edu.sa](mailto:cces@pmu.edu.sa)



+966 13 849 8835 / +966 13 849 9711



@PMU\_CCES

## Address:

College of Computer Engineering and Science

P.O.Box 1664 Al-Khobar, 31952

Kingdom Saudi Arabia

## 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 are using knowledge and skills obtained from their degree in their professional career.
- Graduates are progressing well within the organizational hierarchy and are positively active as team members or leaders.
- Graduates are engaged in life-long learning and development through graduate studies or vocational training.
- Graduates conduct themselves ethically and with integrity, upholding social responsibility and promoting sustainability.

## Program Outcomes

- a. An ability to apply knowledge of computing and mathematics appropriate to the discipline
- b. An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution
- c. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs
- d. An ability to function effectively on teams to accomplish a common goal
- e. An understanding of professional, ethical, legal, security and social issues and responsibilities
- f. An ability to communicate effectively with a range of audiences
- g. An ability to analyze the local and global impact of computing on individuals, organizations, and society
- h. Recognition of the need for and an ability to engage in continuing professional development
- i. An ability to use current techniques, skills, and tools necessary for computing practice.
- j. An ability to use and apply current technical concepts and practices in the core information technologies.
- k. An ability to identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems.

## 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.

## Where some of our graduates are working

Aramco	Halliburton
Sabco	STC
Oracle	Mobily
Samba	Careem
Toshiba	Yokogawa
Rawabi Holdings	GE
Shlumberger	Accenture

