



Program Structure

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

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

Facilities

Smart classrooms with Blackboard, Smartboard and Banner.



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

Admission Requirements

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



How To Apply



Apply



Pay



Submit

Admissions Office:

enrolment@pmu.edu.sa

800 1230 123
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Prince Mohammad Bin Fahd University

College of Computer
Engineering and Science

Information Technology



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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 be successful in their work, demonstrate leadership and good communication skills, and function well in teams.
- Graduates will be engaged in self-development and continuous learning in an ever-changing professional environment.
- Graduates will conduct themselves ethically and with integrity, upholding social responsibility, and promoting sustainability
- Graduates will use their IT knowledge and skills to administer and configure networks and systems, analyze computing requirements, design and evaluate effective business computational solutions, and integrate applications to solve enterprise-related problems. [IT]

Student Outcomes

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. 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

Where some of our graduates are working

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



Certification Preparation

