

Computer Engineering

The program focuses on building necessary competencies for computer engineers with modern knowledges and practical skills, adaptable to the field's rapid-changing nature.

The graduates are expected to be a good citizen, socially responsible and creative with justification, and to have life and social skills as well as public mind, in line with the national strategy for human resources.

The development of learning experiences in the curriculum focuses on active learning, organized in modules or professional sets, leading to lifelong learning.



Contact Us

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Faculty of Engineering Values: S M A R T
S: Strive for Success
M: Mankind
A: Attitude
R: Responsibility
T: Teamwork



Prince of Songkla
University



Computer Engineering Program

Department of Computer Engineering,
Faculty of Engineering



For more details, visit
www.coe.psu.ac.th

4-year Program (143 credits)

Course Structure

- a. General Education 30 credits
- b. Specific Subjects 99 credits
 - 1. Basic Science and Engineering 18 credits
 - 2. Computer Engineering Profession 81 credits include:
 - Compulsory Professional Subjects 21 credits
 - Compulsory Professional Modules 42 credits
 - Selective Professional Subjects 18 credits
- c. Free Elective Subjects 6 credits
- d. Practical Training, Projects and Cooperative Education 8 credits, either
 - Practical Training and Projects or
 - Cooperative Education

Example Modules

- Data Structure, Algorithm and Programming Module
- Web Designer and Developer Module
- Network Administrator Module
- Software Defined Architecture Engineer Module
- Embedded System Developer Module
- Mobile Applications Developer Module
- Network Infrastructure Engineer Module
- IoT System Developer Module
- Game Designer and Developer Module
- Cross-Platform Web and Application Developer Module
- High-performance Computing Engineer Module
- Cybersecurity Officer Module
- Modern Industrial Automation Engineer Module

Jobs for Computer Engineers

Graduates in Computer Engineering can work in private sectors, state enterprises, and government agencies or opt for freelance.

- Computer Engineer
- Computer Scientist
- Computer Researcher
- Software Developer
- Software Engineer
- System Engineer
- Programmer
- Game Designer and Developer
- Web Designer and Developer
- Network Engineer
- Computer Network Administrator
- Mobile Applications Developer
- High-performance Computing Engineer
- Cybersecurity Engineer
- Cloud Architecture Engineer
- Embedded System Developer
- IoT Developer
- Industrial Automation Engineer
- Solution Architect
- System Testing Engineer
- Data Engineer
- Data Architect Engineer
- Teacher
- Entrepreneur

Choosing PSU

- One of the top universities in Thailand.
- A leading university in the South
- Lecturers and students receive awards in researches and inventions continuously.
- Teaching is organized in modules, incorporating both theory and practice to enable students to pursue careers in various fields.
- Students can meet and approach lecturers more easily than universities in Bangkok Metropolitan Region.
- The environment and atmosphere in the university are beautiful, livable, surrounded by nature, good air, reservoirs and healing gardens.
- There are various facilities nearby such as buses, dormitories, cinemas/restaurants, convenience stores, gas stations, and WiFi.

