

COURSE DETAILS

A separate sheet should be completed for each course.

Course title	Bachelor of Engineering Program in Computer Engineering
Entry qualifications	<ol style="list-style-type: none"> 1. Must have graduated or 2. To receive graduate status of their high school in Mathematics-Science program, successfully completed grade 12 or 3. Vocational Certificate Graduates 4. High Vocational Certificate Graduates
Maximum number in class	35 people
Average class contact hours per week	15-21 hours per week
Examining body	RMUTT
Academic level	Bachelor of Engineering (Computer Engineering)
Certificate awarded, and by whom	Ministry of Education
Duration of course	4 years
Teacher/Course Leader responsible for the course	Asst. Prof. Itarun Pitimon
Brief outline of the course content and its delivery	<p>Students must complete at least 147 credits of the curriculum</p> <p>A. General Education Courses 30 credits</p> <p>B. Specialized Courses 111 credits</p> <p>Core Courses</p> <p>Major Required Courses</p> <ul style="list-style-type: none"> - Advanced Digital System Design - Computer Architecture - Computer Organization and Assembly Language - Microcontroller and Interfacing - Database Systems

- Data Structure and Algorithms
- Software Engineering
- Systems Analysis and Design
- Advanced Computer Programming
- Operating Systems
- Computer Networks
- TCP/IP Networks
- Computer Engineering Pre-Project
- Computer Engineering Project

C. Free Elective Courses 6 credits