

COURSE DETAILS

A separate sheet should be completed for each course.

Course title	Bachelor of Engineering Program in Chemical 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
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 (Chemical Engineering)
Certificate awarded, and by whom	Ministry of Education
Duration of course	4 years
Teacher/Course Leader responsible for the course	Mr.Sarawut Jitpinit
Brief outline of the course content and its delivery	<p>Students must complete at least 148 credits of the curriculum</p> <p>A. General Education Courses 30 credits</p> <p>B. Specialized Courses 112 credits</p> <p>Core Courses</p> <p>Major Required Courses</p> <ul style="list-style-type: none"> - Fluid Flow - Heat Transfer and Mass Transfer - Chemical Engineering Thermodynamics 2 - Process Dynamics and Control - Safety in Chemical Operations - Chemical Engineering Kinetics and Reactor Design

- Chemical Engineering Economics and Cost Estimation
- Chemical Engineering Plant Design
- Applied Chemistry in Chemical Engineering
- Chemical Engineering Laboratory 1
- Chemical Engineering Laboratory 2
- Chemical Engineering Pre-Project
- Chemical Engineering Seminar
- Chemical Engineering Project

C. Free Elective Courses 6 credits