

COURSE DETAILS

A separate sheet should be completed for each course.

Course title	Bachelor of Engineering Program in Irrigation Engineering and Water Management
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 (Irrigation Engineering and Water Management)
Certificate awarded, and by whom	Ministry of Education
Duration of course	4 years
Teacher/Course Leader responsible for the course	Mr. Supachai Krittasudthacheewa
Brief outline of the course content and its delivery	<p>Students must complete at least 149 credits of the curriculum</p> <p>A. General Education Courses 30 credits</p> <p>B. Specialized Courses 113 credits</p> <p>Core Courses</p> <p>Major Required Courses</p> <ul style="list-style-type: none"> - Concrete Technology - Materials Testing Laboratory - Soil Mechanics - Soil Mechanics Laboratory - Theory of Structures - Structural Analysis

- Reinforced Concrete Design
- Steel and Timber Design
- Irrigation System Laboratory
- Engineering Hydrology
- Drainage and Flood Protection Engineering
- Computer Application in Irrigation Engineering
- Design of Canal and Irrigation Water Conveyance Structures
- Hydraulic Engineering for Irrigation System
- Water Resources Engineering
- Irrigation Engineering and Water Management
- Pre-Project
- Irrigation Engineering and Water Management Project

C. Free Elective Courses 6 credits