

## COURSE DETAILS

A separate sheet should be completed for each course.

Course title	Bachelor of Engineering Program in Civil Engineering
Entry qualifications	<ol style="list-style-type: none"> <li>1. Must have graduated or</li> <li>2. To receive graduate status of their high school in Mathematics-Science program, successfully completed grade 12 or</li> <li>3. Vocational Certificate Graduates</li> <li>4. High Vocational Certificate Graduates</li> </ol>
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 (Civil Engineering)
Certificate awarded, and by whom	Ministry of Education
Duration of course	4 years
Teacher/Course Leader responsible for the course	Asst. Prof. Nirachorn Nokkaew
Brief outline of the course content and its delivery	<p>Students must complete at least 148 credits of the curriculum</p> <p><b>A. General Education Courses 30 credits</b></p> <p><b>B. Specialized Courses 112 credits</b></p> <p>Core Courses</p> <p>Major Required Courses</p> <ul style="list-style-type: none"> <li>- Concrete Technology</li> <li>- Materials Testing Laboratory</li> <li>- Construction Cost Estimation and Analysis</li> <li>- Construction Engineering and Management</li> </ul> <p>Soil Mechanics</p> <ul style="list-style-type: none"> <li>- Soil Mechanics Laboratory</li> </ul>

- Theory of Structures
- Structural Analysis
- Reinforced Concrete Design
- Steel and Timber Design
- Highway Engineering
- Hydraulic Engineering
- Civil Engineering Pre - Project
- Civil Engineering Project

**C. Free Elective Courses 6 credits**