

COURSE DETAILS

A separate sheet should be completed for each course.

Course title	Bachelor of Science in Technical Education Program in Industrial Engineering
Entry qualifications	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	60 people
Average class contact hours per week	15 – 21 hours per week
Examining body	RMUTT
Academic level	Bachelor of Science in Technical Education (Industrial Engineering)
Certificate awarded, and by whom	Ministry of Education
Duration of course	5 years
Teacher/Course Leader responsible for the course	Ms.Anyarat Prasunjai
Brief outline of the course content and its delivery	Students must complete at least 171 credits of the curriculum A. General Education Courses 36 credits B. Specialized Courses 129 credits Basic Teaching Profession Courses <ul style="list-style-type: none"> - Language and Culture for Teachers - Innovation and Information Technology in Education - Psychology for Teacher - Philosophy and Vocational Administrative - Classroom Management

- Vocational Curriculum Development
- Measurement and Evaluation for Vocational Teachers
- Instructional Material Development
- Self-Actualization for Vocational Teachers
- Learning Development Research for Vocational Teachers
- Vocational Educational Quality Assurance
- Didactics for Technician 1
- Didactics for Technician 2
- Practicum

Engineering Courses

- Electrical Engineering Technology
- Industrial Safety
- Industrial Metrology
- Computer Aided Design
- Manufacturing Processes
- Industrial Metallurgy
- Quality Control
- Industrial Maintenance
- Industrial Pre-Project
- Industrial Project
- Mechanic of Material

C. Free Elective Courses 6 credits