



TQF.5 Course Report

Course Code: EDM 2102

Course Title: Research for Learning Development

Credits: 2(1-2-3)

Semester /Academic Year: 2/2022

Students: Bachelor of Education in Mathematics. (Bilingual Program)

Lecturers: Asst.Prof.Dr.Krongthong Khairiree

College of Hospitality Industry Management

Suan Sunandha Rajabhat University

Course Report

Institution: Suan Sunandha Rajabhat University

Campus/Faculty/Department: Mathematics Program
College of Hospitality Industry Management

Section1: General Information

1. Course Code and Title: EDM 2102 Research for Learning Development

2. Pre-requisite (if any): None

3. Faculty Members Teaching the Course and Sections

Asst.Prof.Dr.Krongthong Khairiree

Tuesday 13.00 – 16.00 (Online/On-site/On-Demand)

Semester and Academic Year

Semester 2, Academic Year 2022

4. Venue

College of Hospitality Industry Management, Suan Sunandha Rajabhat University
(Nakon Pathom Campus)

Room No. 206

Tuesday 13.00 – 16.00

Section 2: Actual Teaching Hours Compared with Teaching Hours Specified in the Teaching Plan

1. Number of actual teaching hours compared with the teaching plan

Topics	No. of teaching hours in the plan	No. of actual teaching hours	Reason(s) (in case the discrepancy is more than 25%)
Course Introduction <ul style="list-style-type: none"> • Course outlines • Grading criteria Unit 1 Introduction to Educational Research	6	6	-
Unit 2 Statistics for Research	9	9	-
Unit 3 Research Methodology	12	12	-
Midterm Test	3	3	Used extra class time.
Unit 4 Preparing Research Proposals and Reports	7	7	
Unit 5 Research by Practitioners	9	15	Micro-teaching and action research including data collection took more time. We can manage by using extra class time in weeks 13-15.
Independent study	-	10	Extra hours for the independent study
Final Examination	2	2	
Total of Hours	48	64*	* Extra 16 hours for Independence Study

2. Topics that couldn't be taught as planned

Topics that couldn't be taught (if any)	Significance of the topics that couldn't be taught	Compensation
None	None	None

3. Effectiveness of the teaching methods specified in the Course Specification

Learning Outcomes	Teaching methods specified in the course specification	Effectiveness (Use ✓)		Problems of the teaching method(s) (if any) and suggestions
		Yes	No	
1. Morals and Ethics	Demonstration and Group Work	✓	-	-
2. Knowledge	Problem-Based and Technology-Based Learning	✓	-	-
3. Cognitive Skills	Problem-Based and Technology-Based Learning	✓	-	-
4. Interpersonal Skills and Responsibilities	Interpersonal Communication and Interaction	✓	-	-
5. Numerical Analysis, Communication and Information Technology Skills	Inquiry-based and Internet-Based Learning	✓	-	-
6. Learning Management Skills	Problem-Based and Application Tools in Mathematics	✓	-	-

4. Suggestions for Improving Teaching Methods

Using problem-solving and ICT-based approaches as teaching strategies.

Section 3: Course Outcomes

- 1. Number of registered students:** 19 students
- 2. Number of students at the end of the semester:** 19 students
- 3. Number of students who withdrew (W):** none
- 4. Grade distribution**

Grade	No. of students	Percentage
A	1	5.26
A-	4	21.04
B+	6	31.56
B	4	21.04
B-	3	15.78
C+	-	-
C	1	5.26
C-	-	-
D+	-	-
D	-	-
D-	-	-
F	-	-
Total	19	99.94

- 5. Factors causing the unusual distribution of grades (If any)**

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6. Discrepancies in the evaluation plan specified in the Course Specification

6.1 Discrepancy in the evaluation time frame

Details of Discrepancy	Reasons
Using extra class time for the midterm test, it was not disturb students' class time.	Students do not have class hours on Wednesday and Friday afternoons.

6.2 Discrepancy in evaluation methods

Details of Discrepancy	Reasons
Using online midterm test/take-home test	Using online midterm test / take-home test for students who were sick because of the COVID-19 pandemic.

7. Verification of students' achievements

Verification Method(s)	Verification Result(s)
Program Committee Approval	Approved

Section 4: Problems and Impacts

1. Teaching and learning resources

Problem: Due to students were limited to use computer or mobile devices.	Impacts on students' learning: Some students could not connect the program, but the students can download lessons from lecturer's website.
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2. Administration and organization

Problems from administration None	Impacts on students' learning None
Problems from organization None	Impacts on students' learning None

Section 5: Course Evaluation

1. Results of course evaluation by students

1.1 Important comments from evaluation by students

Students had weaknesses in learning mathematics using English communication and writing steps of the research process including the literature review.

1.2 Faculty members' opinions on the comments in 1.1

The lecturers should engage students in learning activities by using English-Thai for understanding.

2. Results of course evaluation by other evaluation methods

2.1 Important comments from evaluation by other evaluation methods

The lecturers must prepare alternative assessments to evaluate students' progression involving learning outcomes of the course.

2.2 Faculty members' opinions on the comments in 2.1

Considerations of methods of teaching and evaluation for students' improvement.

Section 6: Improvement Plan

1. Progress of teaching and learning improvement recommended in the previous Course Report

Improvement plan proposed in previous Academic year 2021. -None-	Results of the plan implementation -None-
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2. Other improvements

Searching information for practicing English communication and more teaching and learning strategies using technology from online database

3. Suggestions for improvement for Semester 2 Academic year 2023

Suggestions	Time Frame	Responsible person
Collecting more materials and activities	May 2023	Mr.Luechai Tiprungsri

4. Suggestions of faculty member(s) responsible for the course

Integrating application of the related subjects.

Responsible Faculty Member/Coordinator:

Signature: *Krongthong Khairi* Submission Date: May 20, 2023.

Chairperson/Program Director:

Signature.....Receipt Date