



**Course Syllabus**  
**EE472 Economics of Population and Family**  
**Semester 1/2024 (August 13 - December 2, 2024)**

**Lecture Time:** Friday, 13.00-16.00 hours

**Lecture Venue:** Room 303

**Teaching Materials Platform:** **Google Classroom**

**Instructor:**

**Name:** Dr. Katikar Tipayalai

**Office:** TBA

**Office Hours:** After class or by appointment. Please schedule in advance via  
<https://tipayalai.youcanbook.me>

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**Number of credits:** 3 credits (3-0-6)

**Prerequisites:** Curriculum 61: EE311 or EE312  
Curriculum 66: EE311

**Course Description:**

Processes generating change in size and structure of population and family through reproduction, death, and migration. Factors causing these changes. The impact of demographics and family variables on the economy at the micro and macro levels. Economic of marriage and Economic of household or family will be included.

**Course Objectives:**

This course aims to provide a comprehensive understanding of key demographic concepts, including fertility, mortality, migration, and population growth. Students will understand the determinants and consequences of population changes; evaluate the economic effects of population aging, urbanization, and migration; and explore economic theories related to family formation, household decision-making, and intergenerational transfers. Additionally, students will understand the role of economic factors in influencing population trends and family structures and analyze the economic implications of marriage, divorce, and fertility choices.

## Expected Learning Outcomes

### 1. Morality and Ethics EE472

Applicability	Expected Learning Outcomes	Evaluation Method
●	1. Students demonstrate integrity.	Quizzes and assignments
●	2. Students prioritize social and public benefits over personal ones.	
●	3. Students are punctual and comply with the code of conduct of the institution and society at large.	
●	4. Students are responsible and accountable to society, the nation, and the subject of economics.	
●	5. Students realize the cultural and environmental value of a sustainable society.	

### 2. Knowledge

Applicability	Expected Learning Outcomes	Evaluation Method
●	1. Students know and understand modern economics principles and theories, and are up to date with new developments.	Quizzes, assignments, and exam
●	2. Students know and understand Thai and global economic structure and the importance of major international economic events.	
○	3. Students know and understand the instruments of economic analysis.	
●	4. Students know and understand applied fields in economics, including monetary, public, international, business, natural resource, and environmental, industrial, agricultural, cooperative, political, developmental, and entrepreneurial economics as well as agribusiness.	
●	5. Students are informed about related fields including sociology, business administration, education, law policy, and science.	

### 3. Intellectual Development

Applicability	Expected Learning Outcomes	Evaluation Method
●	1. Students have developed individual critical thinking.	Group project
●	2. Students are sufficiently trained in research skills.	
●	3. Students demonstrate an ability to analyze and synthesize data, as well as appropriately integrate economics concepts to understand the causes of current economic problems in Thailand.	

	Based on analysis and synthesis, students demonstrate an ability to propose policy guidelines to resolve problems.	
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#### 4. Interpersonal Skills and Responsibilities

Applicability	Expected Learning Outcomes	Evaluation Method
●	1. Students are responsible for assigned tasks and work in groups effectively.	Group project
●	2. Students have problem-solving skills.	
○	3. Students show leadership skills and team spirit.	
●	4. Students are always improving themselves.	
○	5. Students have good interpersonal skills, adapt, and work under different conditions.	

#### 5. Quantitative Analysis, communication, and information technology

Applicability	Expected Learning Outcomes	Evaluation Method
○	1. Students select and apply appropriate statistical and mathematical methods for data processing, interpretation, conclusions, and recommendations to resolve problems.	Assignments
○	2. Students communicate effectively and select appropriate presentation methods.	Group project
○	3. Students use information and communication technologies appropriately to gather data as well as process, interpret, and present results.	

Remark: ● Primary expected outcome ○ Secondary expected

#### Lecture Schedule

Date	Topics
1	The First Lecture: Introduction to Population and Family Economics
2	Demographic Data; Sex and Identity
3	Calculating Life Expectancy
4	Interpretation and Use of the Life Table
5	Measuring Mortality, Determinants of Mortality, and Mortality Reduction

<b>Date</b>	<b>Topics</b>
6	Measuring Fertility, and Determinants of Fertility
7	Fertility Policies and Selection
	<b>Midterm</b>
8	Forecasting Population Size and Age Structure
9	Demographic Transition and Changes in Dependency
10	Aging and Intergenerational Fairness
11	Population Size, Growth, and Sustainability
12	Voluntary Migration – Theory, Experience and Policy
13	Involuntary Relocation
14	Family Structure, Son Preference and Dowry
15	Models of Demographic and Economic Change
	<b>Final exam</b>

### **Evaluation**

Midterm Examination	35%
Final Examination	35%
Group project or reports	15%
Quizzes, Assignments, and participation	15%