Course syllabus

   (International Program)
   Faculty/Institute  Faculty of Tropical Medicine, Mahidol University

2. Course Code  TMSE 503
   Course Title  Social Epidemiology

3. Number of credits  2(2-0-4)

4. Prerequisite  None

5. Type of Course  Required course

6. Session  Second semester of academics year:

7. Course description
   Epidemiological concepts involving social, cultural and behavioral risk factors
   related to important public health problems and tropical diseases.

8. Course objectives
   After completion of this course, students will be able to
   1. Describe and analyze social, behavioral and influence factors related to the
      important health problem and tropical diseases.
   2. Recommend and lay plan for prevention and control of health problem and
      tropical diseases.
### 10. Course outline and constructive alignment

<table>
<thead>
<tr>
<th>Week</th>
<th>Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Self-study</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>1</td>
<td>Introduction to social epidemiology</td>
<td>3</td>
<td>0</td>
<td>6</td>
<td>Assoc. Prof. Kamolnetr</td>
</tr>
<tr>
<td>2</td>
<td>Socioeconomic position and health</td>
<td>3</td>
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<tr>
<td>3</td>
<td>Income inequality and health</td>
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<td>Assoc. Prof. Kamolnetr</td>
</tr>
<tr>
<td>4</td>
<td>Working conditions and health</td>
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<td>Assoc. Prof. Kamolnetr</td>
</tr>
<tr>
<td>5</td>
<td>Impact of job loss and retirement on health</td>
<td>3</td>
<td>0</td>
<td>6</td>
<td>Assoc. Prof. Kamolnetr</td>
</tr>
<tr>
<td>6</td>
<td>Social integration, social networks, social support and health</td>
<td>3</td>
<td>0</td>
<td>6</td>
<td>Assoc. Prof. Kamolnetr</td>
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<tr>
<td>7</td>
<td>Health behavior</td>
<td>3</td>
<td>0</td>
<td>6</td>
<td>Assoc. Prof. Kamolnetr</td>
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<tr>
<td>8</td>
<td>Ecological approach</td>
<td>3</td>
<td>0</td>
<td>6</td>
<td>Assoc. Prof. Kamolnetr</td>
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<tr>
<td>9</td>
<td>Multilevel approaches to understand social determinants</td>
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<td>6</td>
<td>Assoc. Prof. Kamolnetr</td>
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<tr>
<td>10</td>
<td>Social epidemiology applied to tropical diseases</td>
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<td>0</td>
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<td>Assoc. Prof. Kamolnetr</td>
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<td><strong>Total</strong></td>
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<td><strong>60</strong></td>
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### 11. Teaching and Learning Activities
Lecture, presentation, discussion

### 12. Teaching media
1. Textbooks
2. Published articles, computer, LCD projector
3. Internet
13. Measurement and evaluation of student achievement
   Presentation, discussion and written examination.

14. Course evaluation
   Students’ achievement evaluated by instructor from students’ presentation, discussion and written examination.
   Evaluate student satisfaction towards teaching and learning of the course using questionnaire.

Rubrics for grading

<table>
<thead>
<tr>
<th>Score</th>
<th>Letter grading</th>
<th>GPA points</th>
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<tbody>
<tr>
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<td>71-80</td>
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<tr>
<td>61-70</td>
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<tr>
<td>51-60</td>
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<td>41-50</td>
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<tr>
<td>&lt;40</td>
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<td>F</td>
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</table>

15. References


Cohen S. Social relationships and health, Am Psychol 2004 Nov; 59(8):676-84.


16. Instructors:
   1. Assoc. Prof. Kamolnetr Okanurak

17. Course coordinator
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e-mail: kamolnetr.oka@mahidol.ac.th