Program.. Department/Division...

Degree level... Faculty/College ....

Course Code XXXXXXXX / Course Title

Name of Institution   King Mongkut's University of Technology North Bangkok

Campus/Faculty/Dept/Division ....

Section 1: General Information

1. Course code and course title

   ....

2. Total credits

   .... **X credits (x-x-x)** ....

3. Curriculum and course category:

   Curriculum: *e.g. (Bachelor of ....in ......)* ....

   Course category: (e.g. general education, required, major elective, free elective)

4. Course coordinator/ Instructors

   Course Coordinator   ....

   Instructors   ....

5. Semester/ year of study

   ....

6. Pre-requisite (if any)

   ....

7. Co-requisites (if any)

   ....

8. Venue of study

   Faculty/ College ....KMUTNB

9. Information for quality assurance in education

   This course shows evidence of:

   ☐ Development of implementation from previous practices, e.g. the improvement of

      class teaching, course content, content classification and methods used for learning

      assessment

   ☐ Involvement from professional bodies/ external agencies in instruction; thus

      Enhancing student academic and professional experiences

   ☐ Integration of research or creative activities with instruction; use of research-based

Program... Department/Division...

Degree level... Faculty/College ....

learning management; knowledge management practices for learning improvement

☐ Integration of academic services and course implementation

☐ Combination of cultural heritage preservation efforts into instruction or student activities

10. Date of latest revision:

....

Section 2: Course Description and Implementation

1. Course Description

....

....

....

2. Number of hours per semester

Lecture	Practice	Self-study
e.g. 45 hours/ semester *(3 hours/week)*	*---*	*45 hours/ semester* *(3 hours/week)*

Course Category   ☐ Lecture   ☐ Practice

Course Evaluation   ☐ A-F   ☐ S/U   ☐ P

3. Number of hours per week for academic guidance to individual students

e.g.   1. Giving academic advice (minimally1 hour per week)

*   2. Adoption of information technology-based academic advising*

4. Course Learning Outcomes (CLOs): Students should be able to:

CLO 1. Explain ....

CLO 2. Analyze ....

CLO 3. Solve problems ....

CLO 4. Apply...........................

CLO 5. Perform.........................

(Items can be included or deleted as appropriate)

Program...   Department/Division...

Degree level...   Faculty/College ....

5. The mapping between Expected Learning Outcomes (ELOs) from the curriculum and Course Learning Outcomes (CLOs)

Table 5.1 ELOs-CLOs Consistency (for a subject-specific course/ a specific curriculum)

ELOs/CLOs consistency	CLO 1	CLO 2	CLO 3	CLO ...
ELO 1				
ELO 2				
ELO ...				

Table 5.2 Mapping desirable characteristics of KMUTNB graduates and CLOs (for non-specific courses designed for various curriculums)

Consistency between desirable characteristics of KMUTNB Graduates CLOs	CLO 1	CLO 2	CLO 3	CLO ...
1. Professional credentials with critical thinking skills				
2. Integrity and social responsibility				
3. Innovative and technopreneur mindset				
4. Global Competence				

Section 3: Student Improvement in relation to Course Learning Outcomes (CLOs)

Organizing learning to develop skills/ knowledge; evaluation of CLOs in accordance with the ones identified in Section 2.4

Course Learning Outcomes (CLOs)	Teaching Methods compliant with CLOs	Evaluation Methods compliant with CLOs

Program..   Department/Division...

Degree level...   Faculty/College ....

Example:

Course Learning Outcomes (CLOs)	Teaching Methods compliant with CLOs	Evaluation Methods compliant with CLOs
CLO1	Lecture, case studies, assignment	- Midterm exams - Assignment evaluation
CLO2	Case studies, project-based learning	- Evaluation of presentations and group projects - Assessment of assigned exercises
CLO3	Case studies, group discussions, project-based learning	- Presentation and group project assessment; teacher observation, idea sharing - Alternative peer evaluation
CLO4	Group discussion, project presentation	- Peer evaluation of group project - Teacher observation

Section 4: Lesson Plan and Evaluation

1. Lesson Plan

Week	Topics/Details	CLOs	Hours	Learning and teaching activities; teaching media (if any)	Lecturer
1					
2					
3					
4					
5					
6					
7					
8					
9					

Program.. Department/Division...

Degree level... Faculty/College ....

Week	Topics/Details	CLOs	Hours	Learning and teaching activities; teaching media (if any)	Lecturer
10					
11					
12					
13					
14					
15					
16					
		Total			

2. Evaluation Plan (in accordance with OBE 2 mapping framework)

Course Learning Outcomes (CLOs)	Evaluation Methods	Week of Evaluation	Percentage of Evaluation

Example:

Course Learning Outcomes (CLOs)	Evaluation Methods	Week	Percentage of Evaluation
CLO1	Quiz 1	4	10%
CLO1,3	Midterm exam	8	25%
CLO2	Quiz 2	12	10%
CLO2.4	Final examination	16	25%

Program.. Department/Division..

Degree level.. Faculty/College ....

Section 5 Teaching/Learning Resources

Textbooks and materials

....

....

....

Section 6 Course Evaluation and Improvement

1. **Course evaluation by students**
    - ☐ Course evaluation form
    - ☐ Group discussions, collaborative exchange of ideas among a teacher and students
    - ☐ Behavior reflections
    - ☐ Online suggestion, a communication channel set up by instructors
    - ☐ Other (specify)...............................

2. **Strategies for assessing learning management**
    - ☐ Assessment form to evaluate instructors
    - ☐ Exam results
    - ☐ Review/ verification of student academic performance and learning outcomes
    - ☐ Assessment by the Examination Committee
    - ☐ Observation by teaching team members
    - ☐ Other (specify)...............................

3. **Improvement schemes of course implementation**
    - ☐ Seminars and workshops on teaching and learning
    - ☐ Conducting research on learning pragmatics, both inside and outside classroom contexts
    - ☐ Other (specify)...............................

4. **Verification of students' learning outcomes, referred to OBE 2 and 3**
    - ☐ Setting up a committee to inspect results of learning outcomes assessment, e.g. investigation of examination, grading and performance appraisal
    - ☐ Review of scoring and evaluation by the Faculty/ Department academic committee
    - ☐ Grading verification by random check from faculty members/ experts who are not in Charge of the curriculum
    - ☐ Other (specify)...............................

Program...   Department/Division..

Degree level..   Faculty/College ....

5. Course review and improvement plans

☐ Annual course revision along with the reviewer suggestions in item 4

☐ Annual course revision in consideration of student assessment and comments

☐ Other (specify)...............................

.

Program..

Department/Division..

Degree level..

Faculty/College ....

Instruction for OBE 3 Preparation

Section 1: General Information

Topic	Description
1. Course code/ title	XXXXXXXXX Course title (Thai and English)
2. Number of credits	Credits (Lecture/Practice/Self-study Hours)
3. Course category	Specify the program and course classification e.g. general core courses, required, major, electives, specific elective categories
5. Semester / year of study	Specify, in accordance with the curriculum
8. Venue of study	Define on and off-campus learning locations
10. Information for education quality assurance	Put check marks in appropriate boxes

Section 2: Course Description and Implementation

Topic	Description
1. Course description	As defined in Program Specification (OBE2)
2. Time length per week	Indicate lecture hours – lab/practice hours – self study hours
3. Time length per week for individual academic consulting	Identify time and modes of consultation outside classroom (e.g. via social media, email, virtual office)
4. Course Learning Outcomes: CLOs	Follow the statements in OBE2 (Program specification) section 4 and Table of Consistency between Expected Learning Outcomes of the study program (ELOs) and Course Learning Outcomes (CLOs)
5. Expected Learning Outcomes of the study program(ELOs)	Define ELOs in compliance with statements in OBE2:Program specification, section 4 Table 5.1 –a specific course for a particular program Table 5.2- a course toward multiple programs of study Put check marks next to the ones that apply.

Program...   Department/Division..

Degree level...   Faculty/College ....

Section 3: Student Improvement Corresponding to Course Learning Outcomes (CLOs)

Topic	Description
Course implementation/ assessment corresponding to CLOs	Check with statements in OBE2 (Program specification) section 4

Section 4: Lesson Plan and Evaluation

Topic	Description
1. Lesson Plan	Course details, week, hours per week, teaching activities, materials and media, instructors. CLOs must be consistent with Program Specification (OBE2) and the statements in section 2 and 3.
2. Learning Outcome Evaluation Plan	1. Specify CLOs, see OBE2; CLOs must be consistent with the ones in section 2 and 3. 2. Define learning outcomes, evaluation activities, evaluation week and assessment weighting

Section 5 : Teaching/Learning Resources

Topic	Description
1. Textbooks and documents	Specify textbooks, documents and resources used in the course. Provide an accurate bibliography

Section 6: Course Evaluation and Improvement

Topic	Description
1. Evaluation strategies of course efficiency, by students	Check the appropriate boxes; place additional information
2. Teaching evaluation strategies	Check the appropriate boxes; place additional information
3. Teaching improvement methods	Check the appropriate boxes; place additional information
4. Verification of student learning outcomes	Check the appropriate boxes; place additional information

Topic	Description
5. Course review and improvement plans	Check the appropriate boxes; place additional information