**Course Code/ Course Title**

|  |
| --- |
| **Name of institution** King Mongkut's University of Technology North Bangkok**Campus/ Faculty/ Department/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. 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

 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

**9. Date of latest revision**

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**Section 2: Course Description and Implementation**

**1. Course Description**

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**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 🞏 Practice 🞏 Cooperative Education**

**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. Using 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)*

1. **The mapping between the curriculum’s Expected Learning Outcomes (ELOs) and Course Learning Outcomes (CLOs) (*Table 5.1: for subject-specific courses designed for a specific curriculum; Table 5.2 is purposed for courses designed for various curriculums)***

**Table 5.1 ELOs-CLOs Consistency: for subject-specific courses for a specific curriculum**

| **ELOs/CLOs** | **CLO 1** | **CLO 2** | **CLO 3** | **CLO …** |
| --- | --- | --- | --- | --- |
| **ELO 1** |  |  |  |  |
| **ELO 2** |  |  |  |  |
| **ELO …** |  |  |  |  |

**Table 5.2 Mapping of 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**
 |  |  |  |  |
| 1. **Integrity and social responsibility**
 |  |  |  |  |
| 1. **Innovative and technopreneur mindset**
 |  |  |  |  |
| 1. **Global Competence**
 |  |  |  |  |

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

**Organizing learning experiences to develop skills/knowledge; assessment 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** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

***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 in-group project*

*Teacher observation*  |

**Section 4: Learning Activities**

**1. Student activities**

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**2. Reports or assignments**

| **Reports or assignments** | **Deadline** |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

**3. Monitoring student learning outcome in an internship experiences**

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**4. Duties and responsibilities of a workplace internship mentor**

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**5. Duties and responsibilities of the advisor / faculty supervisor**

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**6. Preparation in guiding and assisting the students**

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**7. Facilities and support required by the workplace**

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**Section 5: Planning and Preparation**

**1. Work place identification**

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**2. Student preparation**

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**3. Advisor/ supervisor preparation**

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**4. Preparation of mentor at work place**

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**5. Risk management**

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**Section 6: Student Evaluation**

**1. Evaluation criteria**

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**2. Evaluation process**

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**3. Responsibilities of monitoring and student evaluation by the mentor**

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**4. Responsibilities of evaluation by the faculty in charge**

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**5. Conclusion of assessment discrepancies**

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**Section 7: Evaluation and Improvement of an Internship Program**

**1. Evaluation process conducted by:**

 **1.1 Student intern**

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 **1.2 Mentor at work place**

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 **1.3 Advisor/ teacher in charge**

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 **1.4 Others**

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**2. Review of evaluation procedures and improvement planning**

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**Instruction for OBE 4 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 of study and course classification e.g. general core courses for several disciplines, required, major, electives, specific elective categories  |
| 5. Semester / year of study | Specify semester/ year of study consistent with the curriculum  |
| 8. Information for quality assurance in education | Put check marks in the 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. consulting via mobile phone, e-mail, social media*  |
| 4. Course Learning Outcomes: CLOs | Complete the form (●) in accordance with the statements of responsibilities in OBE2 (program specification) and fill out the Table indicating the ELOs-CLOs Consistency  |
| 5. Expected Learning Outcomes of the study program(ELOs) | Define ELOs as specified in OBE2, section 4 (Table 5.1 -Specific course for a particular program; Table 5.2- Course for multiple programs)Put check marks to the ones that apply. |

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

| **Topic** |  **Description** |
| --- | --- |
| Teaching methods, learning experience and assessment in line with CLOs | See statements in OBE2 (Program specification) section 4. ELOs can be applied to determine course implementation and learning outcomes assessment on the basis of CLOs. |