Evaluation Criteria Identification

This form is for Quality Control and Monitor member (QCMM) to identify criteria for task evaluation.

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**WP No.: 2**

**Task No.: 2.1**

1. **Objective(s) and Deliverable(s)**

The main objective(s) of this task: A modernized curriculum for Master’s degree in Industrial Engineering

The deliverable(s) of this task: MSc program in IE with set of outcomes, course catalogue, and outcomes / courses / methods matrix that will be coherent with Thai industry needs and students expectations. The curriculum would be focused on smart, sustainable and student oriented education.

1. **Process Monitoring & Assessment**

In your opinion, what should we look at in order to say that the task is done properly and met the objective?

To determine whether the task has been correctly implemented we must employ the following criteria:  
- what is to be achieved - what is the goal: we have defined - the MA program, IE course catalog, course catalog, correlation matrix of the course effects with the needs of the Thai industry and students' expectations.  
- specification of the date of implementation / achievement of particular goals / stages: e.g.  
STAGE I Identification of needs,  
STAGE II Development of a working version of the course program,  
STAGE III program consultation with internal stakeholders (research and teaching staff, students) and external stakeholders (employers, entrepreneurs, industry organizations),  
STAGE IV - development of the final version of the programs taking into account the comments of stakeholders,  
STAGE V - acceptance and approval of the program and matrix of correlation of learning outcomes with the needs of stakeholders.

Can we measure them and how do we measure them? If you can’t measure it, please remove and find another one.

We can monitor the deadline of reaching individual goals / date of completion of the stage. The second factor may be the degree of coverage of learning outcomes of students and employers. In this case, the qualitative factor and not the quantitative factor should be used.

1. **Deliverable Assessment**

In your opinion, what should be the specifications of the deliverable(s)?

The final effect should be an IE course program with a course catalog and a matrix of classes with a positive recommendation of internal (students) and external stakeholders (employers, industry).

Please identify similar deliverable(s) elsewhere.

A new field of study in Quality and production management based on the analysis of market needs and potential employers has been opened at CUT. At CUT, it is not currently possible to open a field of study or modify a study program without a positive recommendation from employers, industry organizations and representatives of local authorities responsible for industrial development and labor policy in the region. The information is obtained through graduate questionnaire surveys, surveys and direct interviews of employers and industry institutions as well as through the analysis of job offers.

Please rate those deliverables according to your specifications.

The product complies with the specification used on CUT.

What are the criteria or scales that you have used to rate those deliverables?

Quality and quantity measures are used. Survey research on the degree of satisfaction of graduates from work in a given field, study of job satisfaction of employers and graduate competences (e.g. SERQUAL). Monitoring the professional career of graduates in specific directions, time which elapsed between graduation and finding the first job, remuneration level after one year, 3 and 5 years.

According to your criteria, please set the target specifications for our deliverables to claim that the objective is met?

The completion of all the stages / achievement of the defined goals. A written report with a positive recommendation regarding the effects of education on IE of internal and external stakeholders.