## TH01007: PROBABILITY AND STATISTICS

Total credits 3: theory 3 - practice 0 - Self-study 9

## EXPECTED LEARNING OUTCOMES

| Notation |  | Course expected learning outcomes <br> Program <br> expected <br> learning <br> outcomes |
| :---: | :---: | :---: | :---: |
| Knowledge |  |  |

## COURSE DESCRIPTION

- This course provides basic knowledge of probability and statistics.
- Topics covered are: probability, random variables, descriptive statistics, parameter estimation, hypothesis testing, correlation and regression.


## LEARNING METHODS

- Learning in class
- Team work
- Self learning
- E-learning



## STUDENT TASKS

- Attend at least $80 \%$ of the course contact hours
- Complete at least $70 \%$ of homework.
- Take the midterm and final exam.



## LECTURERS

All teachers in the Department of Mathematics.


## ASSESSMENT METHODS

- Grading: 10
- Average score of course is the total points of rubrics multiplied by the respective weight of each rubric.
- Formative assessment: Participation (10\%) and midterm exam (30\%)
- Summative assessment: Final exam/multiple choice or essay (60\%)


