

# “ADVANCED COURSE”

## CURRICULUM

## PLAN A

### 1<sup>st</sup> Year

#### Semester 1

	Credit
GENERAL SUBJECT	2
ADVANCED MATHEMATICS FOR ENGINEER 1	2
ADVANCED SCIENCE 1	2
ADVANCE NETWORK AND INFORMATION TECHNOLOGY	2
ADVANCED NUMERICAL ANALYSIS	2
ADVANCED INNOVATIVE ENGINEERING 1	2
ADVANCED RESEARCH 1	2
MAJOR REQUIRED SUBJECT 1	2
MAJOR REQUIRED SUBJECT 2	2
ELECTIVE SUBJECT 1	2
Total	22

#### Semester 2

	Credit
GENERAL SUBJECT	2
ADVANCED INNOVATIVE ENGINEERING 2	2
ADVANCED RESEARCH 2	4
MAJOR REQUIRED SUBJECT 3	2
ELECTIVE SUBJECT 2	2
Total	18

\*\* ขึ้นอยู่กับสถาบันโโคเซ็นแต่ละที่

### 2<sup>nd</sup> Year

#### Semester 1

	Credit
GENERAL SUBJECT	2
ENGINEER ETHICS	2
ADVANCED RESEARCH 3	6
ELECTIVE SUBJECT 3	2
Total	18

#### Semester 2

	Credit
GENERAL SUBJECT	2
GENERAL SUBJECT	2
GENERAL SUBJECT	2
ADVANCED MATHEMATICS FOR ENGINEER 2	2
ADVANCED SCIENCE 2	2
ADVANCED RESEARCH 4	6
Total	16

\*\* ขึ้นอยู่กับสถาบันโโคเซ็นแต่ละที่

# “ADVANCED COURSE”

## CURRICULUM

# PLAN B

## 1<sup>st</sup> Year

### Semester 1

	Credit
GENERAL SUBJECT	2
ADVANCED MATHEMATICS FOR ENGINEER 1	2
ADVANCED SCIENCE 1	2
ADVANCE NETWORK AND INFORMATION TECHNOLOGY	2
ADVANCED NUMERICAL ANALYSIS	2
ADVANCED INNOVATIVE ENGINEERING 1	2
ADVANCED RESEARCH 1	2
MAJOR REQUIRED SUBJECT 1	2
MAJOR REQUIRED SUBJECT 2	2
ELECTIVE SUBJECT 1	2
Total	22

### Semester 2

	Credit
GENERAL SUBJECT	2
GENERAL SUBJECT	2
GENERAL SUBJECT	2
ADVANCED MATHEMATICS FOR ENGINEER 2	2
ADVANCED SCIENCE 2	2
ADVANCED INNOVATIVE ENGINEERING 2	2
ADVANCED RESEARCH 2	4
MAJOR REQUIRED SUBJECT 3	2
ELECTIVE SUBJECT 2	
Total	20

## 2<sup>nd</sup> Year

### Semester 1

	Credit
GENERAL SUBJECT	2
ENGINEER ETHICS	2
ADVANCED RESEARCH 3	6
ELECTIVE SUBJECT 3	2
Total	18

### Semester 2

	Credit
GENERAL SUBJECT	2
ADVANCED RESEARCH 4	6
Total	14