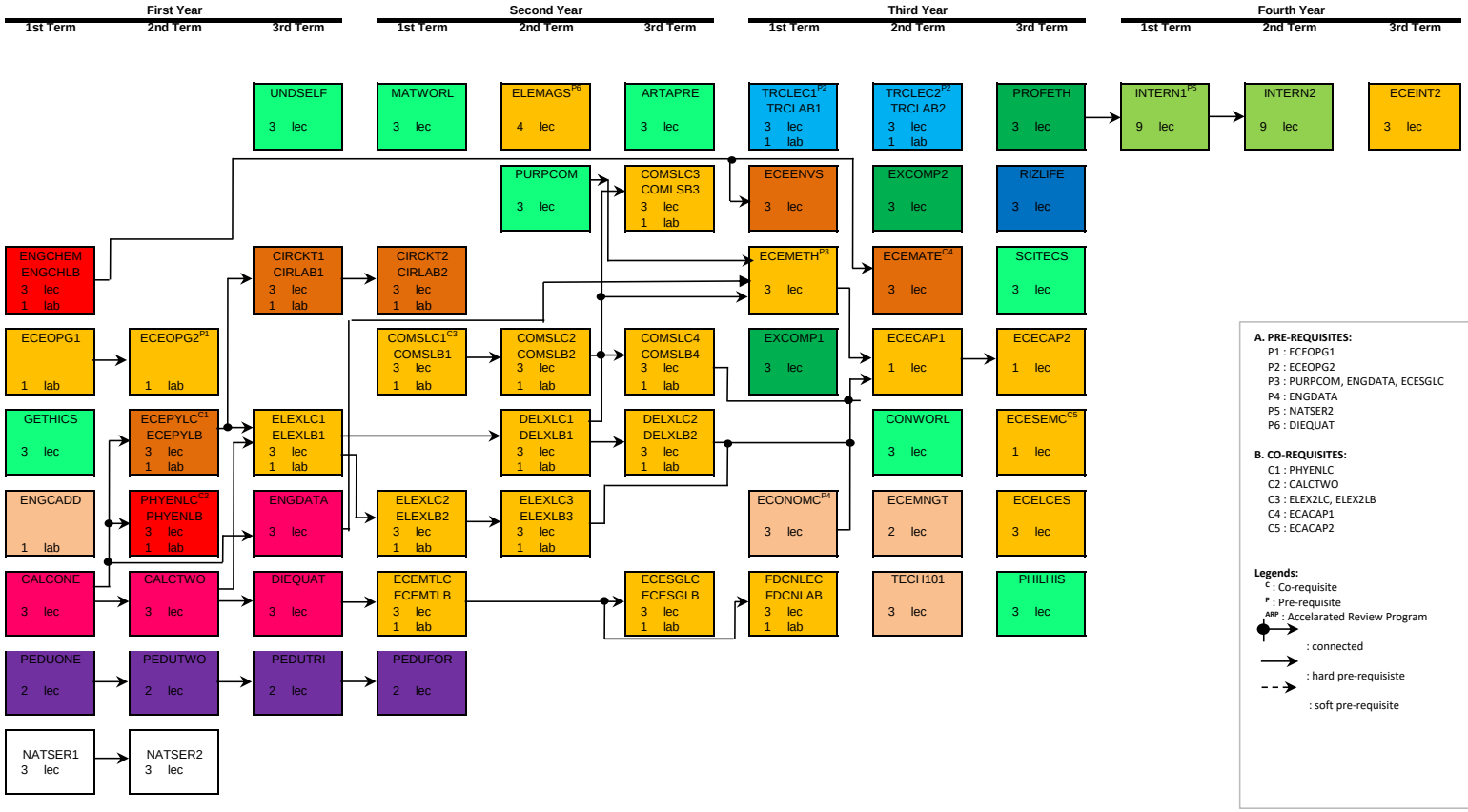
ASIA PACIFIC COLLEGE

Bachelor of Sience in Electronics Engineering (BS ECE) — *Telecommunications Engineering/Instrumentation and Control/Artificial Intelligence Track*

Curriculum Flowchart 2024 : 1-2024-ECE-A (for ECE241) — *Release Date : August, 2024 (ver. A)* — *Revision Date : n/a*

Student Number: _____ - _____

Student Name: Last name: First Name: M.I.



A. PRE-REQUISITES:

P1 : ECEOPG1
P2 : ECEOPG2
P3 : PURPCOM, ENGDATA, ECESGLC
P4 : ENGDATA
P5 : NATSER2
P6 : DIEQUAT

B. CO-REQUISITES:

C1 : PHYENLC
C2 : CALCTWO
C3 : ELEX2LC, ELEX2LB
C4 : ECACAP1
C5 : ECACAP2

Legends:

C : Co-requisite
P : Pre-requisite
ARP : Accelarated Review Program
: connected
: hard pre-requisiste
: soft pre-requisite

SUMMARY OF UNITS:

I. Technical Courses

A	Mathematics:	12	Units
B	Physical Science:	8	Units
C.	Basic Engineering Scienc	9	Units
D	Allied Courses:	20	Units
E	Professional Courses:	64	Units
F	Technical Electives:	8	Units
G	Internship:	18	Units

II. Non-Technical Courses

A	General Education :	24	Units
B	GE Electives:	9	Units
C	Languages:	0	Units
D	Life and Works of Rizal:	3	Units
E	Physical Education:	8	Units
F	NSTP:	6	Units

Total 189 Units

TECHNICAL ELECTIVES

Telecommunications Track

Subject Code	Subject	Units	Pre-requisites
TRALEC1	Advanced Communication System and Design Lec	3	COMSLC4/COMSLB4
TRALAB1	Advanced Communication System and Design Lab	1	COMSLC4/COMSLB4
TRALEC2	Advanced Networking Lec	3	COMSLC4/COMSLB4
TRALAB2	Advanced Networking Lab	1	COMSLC4/COMSLB4

Instrumentation and Control

Subject Code	Subject	Units	Pre-requisites
TRBLEC1	Advanced Instrumentation and Control Lec	3	FDCNLEC/FDCNLAB
TRBLAB1	Advanced Instrumentation and Control Lab	1	FDCNLEC/FDCNLAB
TRBLEC2	Robotics Technology Lec	3	FDCNLEC/FDCNLAB
TRBLAB2	Robotics Technology Lab	1	FDCNLEC/FDCNLAB

Artificial Intelligence Track

Subject Code	Subject	Units	Pre-requisites
TRCLEC1	Python Programming with Artificial IntelligenceLec	3	ECEOPG2
TRCLAB1	Python Programming with Artificial Intelligence Lab	1	ECEOPG2
TRCLEC2	Mobile Application Development Lec	3	ECEOPG2
TRCLAB2	Mobile Application Development Lab	1	ECEOPG2

	1st Term	2nd Term	3rd Term	1st Term	2nd Term	3rd Term	1st Term	2nd Term	3rd Term	1st Term	2nd Term	3rd Term
Lecture Units	14	14	17	17	16	15	18	18	17	9	9	3
Laboroatory Units	3	3	2	4	3	4	2	1	0	0	0	0
Total Units	17	17	19	21	19	19	20	19	17	9	9	3

Total (Lecture) :	167
Total (Laboratory) :	22
Total :	189

Prepared by:

L. A. Samaniego Jr.

Approved by:

Ma. Teresita P. Medado, Ph.D.