



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
COLLEGE OF ENGINEERING
COMPUTER ENGINEERING DEPARTMENT



Polytechnic University of the Philippines
Office of the Vice President for Academic Affairs
QUALITY ASSURANCE CENTER
Mabini Campus, Sta. Mesa, Manila
Tel. No. 3351787/3351777 loc. 242

MEMORANDUM

FOR: **DEAN NICOLAS T. MALLARI**, College of Social Sciences & Development
DEAN EVANGELINE S. SERIL, College of Arts & Letters
DEAN ANTONIUS C. UMALI, College of Political Science & Public Administration
DEAN LINCOLN A. BAUTISTA, College of Science
DEAN REMEDIOS G. ADO, College of Engineering

PROGRAM CHAIRS:

- Department of Civil Engineering
- Department of Electrical Engineering
- Department of Electronics Engineering
- Department of Mechanical Engineering
- Department of Computer Engineering
- Department of Industrial Engineering
- Department of Economics
- Department of Philosophy
- Department of Political Science
- Department of Political Economy
- Department of Nutrition & Dietetics

From: 
PROF. REBECCA E. PALMA, Chief, Main Campus Quality Assurance Section

Subject: **SEMINAR-WORKSHOP ON TEST CONSTRUCTION & TABLE OF SPECIFICATIONS**

Date: October 8, 2019


The Center will conduct a seminar-workshop on test construction and table of specifications on October 23, 2019, 1:00pm. at the Quality Assurance Training & Workshop Room, Ninoy Aquino Library, Learning & Resource Center, PUP Mabini Campus, Sta. Mesa, Manila. This seminar is conducted as it is vital part of the Area III – Curriculum & Instruction survey instrument.

In this regard, may we invite two (2) representatives of your Area III-Curriculum and Instruction task force to attend the said activity. Please advise them to bring samples of course syllabi, tests/examinations, and calculator.

We look forward to your usual support and cooperation in all the accreditation undertakings of the University.

For your information.

Noted by:


DR. SANJAY P. CLAUDIO
Director

PUP A, Mabini Campus, Anonas Street, Sta. Mesa, Manila 1016
Direct Line: 335-1752 | Trunk Line: 335-1787 or 335-1777 local 242
Website: www.pup.edu.ph | Email: qac@pup.edu.ph

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POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
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Republic of the Philippines
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS
QUALITY ASSURANCE CENTER

#2019283138

FOR : ALL CONCERNED DEANS, BRANCH AND CAMPUS
DIRECTORS

FROM : Dr.  SANJAY P. CLAUDIO
Director

SUBJECT : REVIEW AND EVALUATION OF NEW CURRICULA

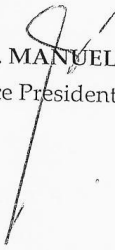
DATE : October 30, 2019

The Open University System (OUS) and the College of Social Sciences and Cooperative Development (CSSCD) will present their proposed new curricula for SY 2020 – 2021 for review and evaluation.

As members of the University Curriculum Evaluation Committee, you are requested to attend the said review and evaluation on Monday, November 11, 2019, 2PM at the Dr. Nemesio Prudente Room.


Thank you for your continued cooperation and support.

Noted by:


Dr. MANUEL M. MUHI
Vice President for Academic Affairs



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
COLLEGE OF ENGINEERING
COMPUTER ENGINEERING DEPARTMENT


	PROCESS MANUAL	PUP-QMS-PM 05-01	
		Revision Code: 0	Page of 7
Section: ACADEMICS		Effectivity Date: February 8, 2018	
Subject: PROPOSAL OF NEW AND REVISED CURRICULUM			

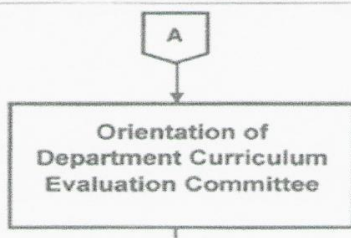
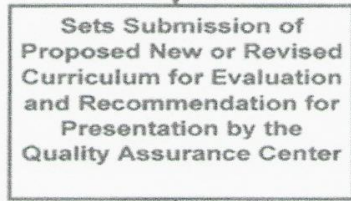
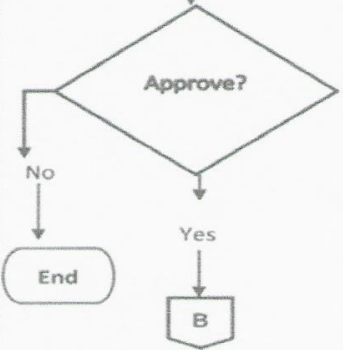
6. PROCEDURE:

ACTIVITY FLOW	RESPONSIBLE	DETAILS
<p style="text-align: center;">START</p> <p style="text-align: center;">↓</p> <p style="text-align: center;">Issuance of Office Memorandum</p>	<p>Vice President for Academic Affairs Director, Quality Assurance Center College Dean/ Branch Director/Campus Director</p>	<p>The Vice President for Academic Affairs issues an office memorandum giving orders to Quality Assurance Center and college, branch or campus to prepare pertinent documents for the proposed new or revised curriculum</p>
<p style="text-align: center;">↓</p> <p style="text-align: center;">Coordination and Orientation Meeting with College Dean/Branch Director/Campus Director</p>	<p>Director, Quality Assurance Center Chief, Curriculum Planning and Development Office College Dean/ Branch/Campus Director</p>	<p>The Director of Quality Assurance Center with Chief, curriculum Planning and Development Office set coordination meeting and orients College Dean/Branch/Campus Director about University Guidelines for Curriculum Development and documentary requirements</p>
<p style="text-align: center;">↓</p> <p style="text-align: center;">Creation of Department Curriculum Evaluation Committee</p>	<p>Vice President for Academic Affairs Director, Quality Assurance Center College Dean/ Branch/Campus Director</p>	<p>The College Dean/Branch/Campus Director creates the composition of the Department Curriculum Evaluation Committee and prepares request for its approval and issuance of special order endorsed by Director of Quality Assurance Center</p>
<p style="text-align: center;">↓</p> <p style="text-align: center;">Revise Creation of Department Curriculum Evaluation Committee</p> <p style="text-align: center;">↓</p> <p style="text-align: center;">Approve?</p> <p style="text-align: center;">No → (back to Revise Creation of Department Curriculum Evaluation Committee)</p> <p style="text-align: center;">Yes →</p> <p style="text-align: center;">A</p>	<p>University President Vice President for Academic Affairs Director, Quality Assurance Center College Dean/ Branch/Campus Director</p>	<p>The University President with the recommendation of the Vice President for Academic Affairs issues the special order for the Department Curriculum Evaluation Committee.</p>




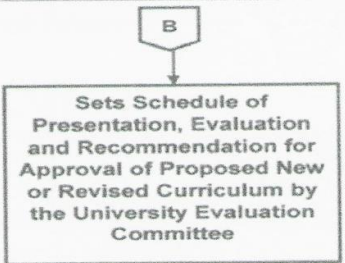
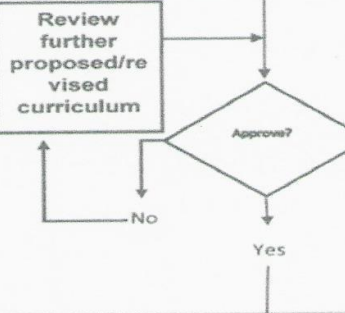
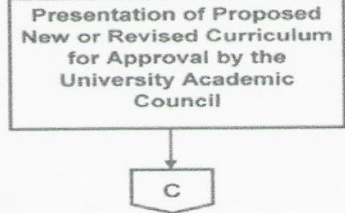
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COMPUTER ENGINEERING DEPARTMENT**

	PROCESS MANUAL		PUP-QMS-PM 05-01	
			Revision Code: 0	Page of 7
Section: ACADEMICS			Effectivity Date: February 8, 2018	
Subject: PROPOSAL OF NEW AND REVISED CURRICULUM				

ACTIVITY FLOW	RESPONSIBLE	DETAILS
	Director, Quality Assurance Center Chief, Curriculum Planning and Development Office College Dean/ Branch/Campus Director Department Curriculum Evaluation Committee	Director, Quality Assurance Center with the Chief, Curriculum Planning and Development Office orients Department Curriculum Evaluation Committee about University Guidelines for Curriculum Development and documentary requirements.
	Director, Quality Assurance Center Chief, Curriculum Planning and Development College Dean/ Branch/Campus Director Department of Curriculum Evaluation Committee College Curriculum Evaluation Committee	The Department of Curriculum Evaluation Committee submits proposed new or revised curriculum to Quality Assurance Center for assessment and recommendation for approval to the College Curriculum Evaluation Committee for presentation and evaluation.
	College Dean/ Branch/Campus Director Department of Curriculum Evaluation Committee College Curriculum Evaluation Committee	The Quality Assurance approves and recommends proposed new or revised curriculum for presentation and approval by the College Curriculum Evaluation Committee



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Subject: PROPOSAL OF NEW AND REVISED CURRICULUM				
ACTIVITY FLOW	RESPONSIBLE	DETAILS		
	Director, Quality Assurance Center College Dean/ Branch/Campus Director Department of Curriculum Evaluation Committee College Curriculum Evaluation Committee University Curriculum Evaluation Committee	The Department of Curriculum Evaluation Committee prepares and presents proposed new curriculum or proposed revised curriculum to College Curriculum Evaluation Committee for evaluation and recommendation for approval by the University Curriculum Evaluation Committee with the endorsement of the Director of Quality Assurance Center.		
	Director, Quality Assurance Center Chief, Curriculum Planning and Development Office College Dean/ Branch/Campus Director Department of Curriculum Evaluation Committee College Curriculum Evaluation Committee University Curriculum Evaluation Committee	University Curriculum Evaluation Committee approves and recommends proposed new or revised curriculum for presentation and approval by the University Academic Council		
	University President Vice President for Academic Affairs Director, Quality Assurance Center College Dean/ Branch/Campus Director Department of Curriculum Evaluation Committee University Academic Council	The Department of Curriculum Evaluation Committee presents proposed new or revised curriculum and seeks approval of the University Academic Council		



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Republic of the Philippines
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
Office of the Vice-President for Academic Affairs

FOR : MEMBERS OF UNIVERSITY CURRICULUM EVALUATION
COMMITTEE (ALL DEANS, OUS EXECUTIVE DIRECTOR).

DR. SANJAY P. CLAUDIO

DR. FREDERICK O. RAMOS

CONCERNED BRANCH/CAMPUS DIRECTORS

FROM : EDELYN M. MARIANO
Assistant to the Vice President

SUBJECT : PRESENTATION OF PROPOSED CURRICULAR OFFERINGS

DATE : JANUARY 18, 2018

Please be informed of the presentation of proposed revised curricular offerings of some academic programs on January 22, 24, and 26, 2018, 9:00 am onwards at Dr. Prudente Conference Room, 4th Floor, South Wing.

Attached is the schedule of presentation.

Your attendance is a must. Thank you po.

2nd Floor, South Wing, A. Mabini Campus, Anonas Street, Sta. Mesa, Manila
Tel.Nos. 713-3532; 335-1718 local 206; 722
Website: www.pup.edu.ph



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
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Proposed Revised Curricular Programs

am onwards

- Engineering
- Electronics Engineering
- BS in Industrial Engineering
- BS in Mechanical Engineering
- BS in Computer Engineering
- BS in Railway Engineering

January 24, 2018 (Wednesday), 9:00 am onwards

- BS in Food Technology
- BS in Physics
- Bachelor in Elementary Education
- Bachelor in Business Teacher Education
- Bachelor in Secondary Education major in English
- Bachelor in Secondary Education major in Filipino
- Bachelor in Secondary Education major in Mathematics
- Bachelor in Secondary Education major in Social Studies

January 26, 2018 (Friday), 9:00 am onwards

- Bachelor in Secondary Education major in Science (New)
- Bachelor in Early Childhood Education (New)
- Bachelor of Science in Political Economy
- Bachelor of Science in Transportation Management
- Bachelor of Science in Architecture
- Bachelor of Science in Interior Design

2nd Floor, South Wing, A. Mabini Campus, Anonas Street, Sta. Mesa, Manila
Tel.Nos. 713-3532; 335-1718 local 206; 722
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 Office of the Vice President for Academic Affairs
 QUALITY ASSURANCE CENTER

FOR : **CONCERNED DEANS & DEPARTMENT CHAIRPERSONS**
 Dean Ma. Junithesmer D. Rosales – CoEd
 Dean Antonios Umali - CPSPA - *JAY 1/17/18*
 Dean Lincoln A. Bautista – CS - *Dr. 1/17/18*
 Dean Marietta Reyes – CTHTM - *1-17-18*
 Dean Ted V. Innocencio – CAFA - *1/17/18*

FROM : **DR. SANJAY P. CLAUDIO**
 Director

SUBJECT : Presentation of Proposed Revised Curricula

DATE : January 17, 2018

The presentation of your proposed revised curricula are as follows:

Program/s	Schedule
1. Bachelor of Science in Food Technology <i>1/17/18</i>	Wednesday, January 24, 2018 9:00 A.M., Dr. Nemesio Prudente F room
2. Bachelor of Science in Physics	
3. Bachelor in Elementary Education	
4. Bachelor in Business Teacher Education	
5. Bachelor of Secondary Education major in English	
6. Bachelor of Secondary Education major in Filipino	
7. Bachelor of Secondary Education major in Mathematics	
8. Bachelor of Secondary Education major in Social Studies	
1. Bachelor of Secondary Education major in Science (New)	Friday, January 26, 2018 9:00 A.M., Dr. Nemesio Prudente F room
2. Bachelor in Early Childhood Education (New)	
3. Bachelor of Science in Political Economy <i>1/17/18</i>	
3. Bachelor of Science in Transportation Management	
4. Bachelor of Science in Architecture	
5. Bachelor of Science in Interior Design	

Kindly prepare photocopies of your proposed revised curricula for distribution to the members of the University Curriculum Evaluation Committee (UCEC).

Noted by: *[Signature]*
DR. MANUEL M. MUHI
 Vice President for Academic Affairs

2nd Floor, NALLRC Bldg., PUP A. Mabini Campus Aronas Street, Sta. Mesa, Manila Phone: (Direct Line) 713-5574
 (Trunk Line) 716-7832 (Local) 242; website: www.pup.edu.ph e-mail gac@pup.edu.ph

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Republic of the Philippines
Polytechnic University of the Philippines
Office of the Vice President for Academic Affairs

QUALITY ASSURANCE CENTER #2018719260

FOR : ALL CONCERNED DEANS AND PROGRAM CHAIRS

FROM : *[Signature]*
Dr. SANJAY P. CLAUDIO, Director

SUBJECT: DEFERMENT OF GENERAL EDUCATION ELECTIVE COURSES AND
INCLUSION OF FILIPINO AND PANITIKAN COURSES

DATE : January 12, 2018

The Commission on Higher has issued a memorandum dated July 11, 2017 and received by the University on January 11, 2018 clarifying the offering of Filipino and Panitikan courses and deferment of General Education Electives for the School Year 2018 – 2019 to wit

... the inclusion of units of General Education electives starting Academic Year 2018 – 2019 as prescribed in CMO 20, series of 2013, is hereby deferred ...

At the same time, HEIs must include Filipino and Panitikan as core courses in General Education curriculum ...

Consequently, kindly comply with the said memorandum and provide our Office soft and hard copies of your updated revised curriculum on or before Friday, January 19, 2018.

Program	Changes
GEC A (HUSOCOM and Education programs)	Add 9 units of Filipino courses and 3 units of <i>Panitikan</i> Filipino or Philippine Literature; Delete 9 units of General Education electives
GEC B (Business, Management, Science, Engineering and Technology programs)	Add 6 units in Filipino courses and 3 units <i>Panitikan</i> Filipino or Philippine Literature; Delete 9 units of General Education electives

You can send the soft copy updated revised curriculum to erikrameaux@gmail.com

Thank you for your continued support and cooperation.

Noted by:

[Signature]
Dr. MANUEL M. MUHI
Vice President

CAF - maan 1/15/18
CS - Jo. 1/15/18
COL - all et al 1/15/18
CE - ANGELA 1/16/18
CAFA
COC - R. Sanchez 1/16/18
CATHM - all 1-16-18
CAIK - lora 1/16/18

CCIS - Chomy 1-15-18
CAL - arline 1-15-18
CPS PA - JAY 1/15/18
9-20 AM 1/15/2018
CBA - lora 1-15-18

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OFFICE OF THE VICE PRESIDENT FOR
ACADEMIC AFFAIRS (OVPA)
PUP SEA, MANILA

Received by _____
Date _____ Time _____ am/pm



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Republic of the Philippines
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
 Office of the Vice President for Academic Affairs
QUALITY ASSURANCE CENTER

CS# 2018447484

FOR / TO : Concerned Deans & Department Chairpersons
 Dean Guillermo Bernabe
 Chair Engr. Ramir M. Cruz for BS Civil Engineering
 Chair Engr. Vilma C. Perez for Electrical Engineering
 Chair Engr. Geoffrey T. Salvador for Electronics Engineering
 Chair Engr. Christopher C. Mira for Industrial Engineering
 Chair Engr. Edwin C. Esperanza for Mechanical Engineering

FROM : *ASJ*
DR. SANJAY P. CLAUDIO
 Director

SUBJECT : Presentation of Proposed Revised Curriculum

DATE : January 11, 2018

The presentation of your proposed revised curriculum is scheduled on Monday, January 22, 2018 at Prudente Conference Room. The order of presentation is as follows:

- 9:00 a.m. – 10:00 a.m. BS Civil Engineering Program
- 10:00 a.m. – 11:00 a.m. BS Electrical Engineering Program
- 11:00 a.m. – 12:00 noon BS Electronics Engineering Program
- 1:00 p.m. – 2:00 p.m. BS Industrial Engineering Program
- 2:00 p.m. – 3:00 p.m. BS Mechanical Engineering Program

Kindly prepare photocopies of your proposed revised curriculum for distribution to the members of the University Curriculum Evaluation Committee.

Noted by:
[Signature]
DR. MANUEL M. MUHI
 Vice President for Academic Affairs

Received:
 ME - JM - 1/11/18
 R. Cruz EE 1/11/18
 C. Mira A. 1/11/18
 Consistent to 1/11/18
 etc. - SPJ 1/11/18
 etc. - JCR 1/11/18

Office of the Vice President for Academic Affairs (OVAAA)
 Received by: *DIANE CARILLO*
 Date: *1/11/18* Time: *1:26 pm*

2nd Floor, NALLRC Bldg., PUP A. Mabini Campus Anonas Street, Sta. Mesa, Manila Phone: (Direct Line) 713-5574
 (Trunk Line) 716-7832 (Local) 242; website: www.pup.edu.ph e-mail gac@pup.edu.ph

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 Polytechnic University of the Philippines
 Office of the Vice President for Academic Affairs
QUALITY ASSURANCE CENTER

CTS# 2018310500

FOR : CONCERNED DEANS AND DEPARTMENT CHAIRS
 4th - CB - Dean RAQUEL RAMOS - *clie 1/12/18*
 2nd - CCIS - Dean GISELA MAY ALBANO - *Mga 1/12/18*
 CT - Dean DANTE GEDARIA - *1/12/18*
 2nd - CCIS - Chair RACHEL NAYRE - *1/12/18*
 4th - CB - Chair MA. LOLITA ABEQIA - *clie 1/12/18*
 CT - Chair JOSEPHINE DELA ISLA - *1/12/18*

[Signature]

[Signature]
 SANJAY P. CLAUDIO

FROM : Director Dr. SANJAY P. CLAUDIO
 SUBJECT : COORDINATION MEETING
 DATE : JANUARY 10, 2018

There will be a coordination meeting on **Monday, January 15, 2018, 9:00AM** at Quality Assurance Center, 2nd Floor, Ninoy Aquino Library and Learning Resource Center.

AGENDA

1. Ladderization of Diploma Programs
2. Approved Curriculum for Diploma in ICT and Office Management
3. Other Matters

Noted by:

[Signature]

Dr. **MANUEL M. MUHI**
 Vice President for Academic Affairs

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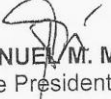
Republic of the Philippines
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
Office of the Vice-President for Academic Affairs

FOR : MEMBERS OF UNIVERSITY CURRICULUM EVALUATION
COMMITTEE (ALL DEANS, OUS EXECUTIVE DIRECTOR)

DR. SANJAY P. CLAUDIO

DR. FREDERICK O. RAMOS

CONCERNED BRANCH/CAMPUS DIRECTORS

FROM :  MANUEL M. MUHI
Vice President

SUBJECT : PRESENTATION OF PROPOSED CURRICULAR OFFERINGS
TO THE UCEC

DATE : JANUARY 5, 2018

Please be informed of the presentation of proposed revised curricular offerings of some academic programs on Tuesday, January 9, 2018, 9:00 am at the Dr. Nemesio E. Prudente Conference Room, 4th Floor, South Wing.

Attached is the schedule of presentation.

Thank you po.

2nd Floor, South Wing, A. Mabini Campus, Anonas Street, Sta. Mesa, Manila
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Schedule of Presentation of Proposed Curricular Programs
January 9, 2018

College of Political Science and Public Administration

9:00 am Bachelor in Political Science

College of Human Kinetics

9:30 am Bachelor in Physical Education

10:00 am Bachelor in Sports Science

Institute of Technology

10:30 am Diploma in Information Communication Technology

11:00 am Diploma in Office Management Technology

PUP Lopez Branch

11:30 am Bachelor of Science in Agri-business Management



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
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Academic Programs for Presentation in UCEC

Program	Schedule
1. Bachelor of Science in Architecture 2. Bachelor of Science in Interior Design	Friday, January 26, 2018, 9AM, Prudente Room
3. Bachelor of Science in Civil Engineering 4. Bachelor of Science in Computer Engineering 5. Bachelor of Science in Electrical Engineering 6. Bachelor of Science in Electronics Engineering 7. Bachelor of Science in Industrial Engineering 8. Bachelor of Science in Mechanical Engineering 9. Bachelor of Science in Railways Engineering and Management	Monday, January 17, 2018, 9AM, Prudente Room
10. Bachelor in Public Administration 11. Bachelor of Science in Political Economy	Friday, January 26, 2018, 9AM, Prudente Room
12. Bachelor of Science in Food Technology 13. Bachelor of Science in Physics	Wednesday, January 24, 2018, Prudente Room
14. Bachelor of Science in Transportation Management	Friday, January 26, 2018, 9AM, Prudente Room
15. Bachelor of Science in Agribusiness Management	
16. Bachelor in Elementary Education 17. Bachelor in Business Teacher Education 18. Bachelor of Secondary Education major in English 19. Bachelor of Secondary Education major in Filipino 20. Bachelor of Secondary Education major in Mathematics 21. Bachelor of Secondary Education major in Social Studies 22. Post baccalaureate in Teacher Education 23. Master of Science in Mathematics Education 24. Master of Arts in English Language Teaching 25. Master in Physical Education and Sports 26. Master in Library and Information Science 27. Master in Educational Management 28. Master in Business Education 29. Doctor in Educational Management 30. Master of Arts in Economics	Wednesday, January 24, 2018, Prudente Room



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ACADEMIC PROGRAMS SCHEDULED FOR PRESENTATION IN UCEC

Program	Tentative Schedule
1. Bachelor of Science in Architecture 2. Bachelor of Science in Interior Design	Friday, January 26, 2018, 9AM, Prudente Room
3. Bachelor of Science in Civil Engineering 4. Bachelor of Science in Computer Engineering 5. Bachelor of Science in Electrical Engineering 6. Bachelor of Science in Electronics Engineering 7. Bachelor of Science in Industrial Engineering 8. Bachelor of Science in Mechanical Engineering 9. Bachelor of Science in Railways Engineering and Management	Monday, January 17, 2018, 9AM, Prudente Room
10. Bachelor in Public Administration 11. Bachelor of Science in Political Economy	Friday, January 26, 2018, 9AM, Prudente Room
12. Bachelor of Science in Food Technology 13. Bachelor of Science in Physics 14. Bachelor of Science in Transportation Management	Wednesday, January 24, 2018, Prudente Room
15. Bachelor of Science in Agribusiness Management	
16. Bachelor in Elementary Education 17. Bachelor in Business Teacher Education 18. Bachelor of Secondary Education major in English 19. Bachelor of Secondary Education major in Filipino 20. Bachelor of Secondary Education major in Mathematics 21. Bachelor of Secondary Education major in Social Studies	Wednesday, January 24, 2018, Prudente Room
22. Bachelor of Secondary Education major in Science 23. Bachelor of Early Childhood Education	Friday, January 26, 2018, 9AM, Prudente Room
24. Post baccalaureate in Teacher Education 25. Master of Science in Mathematics Education 26. Master of Arts in English Language Teaching 27. Master in Physical Education and Sports 28. Master in Library and Information Science 29. Master in Educational Management 30. Master in Business Education	

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31. Doctor in Educational Management	
32. Master of Arts in Economics	
33. Master of Science in Engineering	
34. Master of Science in Industrial Engineering and Management	
35. Master in Applied Statistics	
36. Master in Business Administration	
37. Master in Communication	
38. Master in Information Technology	
39. Master in psychology	
40. Master in Public Administration	
41. Doctor in Business Administration	
42. Doctor in Public Administration	

Prepared by:

Noted by:

FREDERICK RAMOS, PhD
Chief, Curriculum Planning and Development

Dr. SANJAY P. CLAUDIO
Director

Ground Floor, Ninoy Aquino Library and Learning Resource Center, A. Mabini Campus Anonas Street, Sta. Mesa, Manila
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VICE PRESIDENT FOR ACADEMIC AFFAIRS
QUALITY ASSURANCE CENTER

CTS # 2018 434815

FOR : CONCERNED DEANS
 Dean CARMENCITA CASTOLO
 Dean SYLVIA SARMIENTO *Rose Austria - 1/4/18*
 Dean EVANGELINA SERIL *Wendy - 1-4-18*
 Dean RAQUEL RAMOS *Edie - 1/4/18*
 Dean EDNA BERNABE
 Dean GISELA MAY ALBANO *Cherry - 1-4-18*
 Dean MA. JUNITHESMER ROSALES *Ma. Jun - 1-4-18*
 Dean NICOLAS MALLARI *Nico - 1-4-18*
 Dean MARIETTA REYES *Marietta - 1/4/18*
 Dean LINCOLN BAUTISTA *Lincoln - 1/4/18*

FROM : Dr. SANJAY P. CLAUDIO
Director

SUBJECT : BOR APPROVED CURRICULA

DATE : January 3, 2018

Kindly provide our Office hard and soft copies of the Board of Regent's approved curricula and Summary of Course Credits categorized in terms of:

- General Education Courses
- Basic/Core/Tool/Technical Courses
- Required/Professional/Major Courses
- Seminar Courses
- Elective Courses, Free Electives and Cognates
- Foreign Language
- Practicum/Thesis/Oral Comprehensive Examination and Synthesis Paper
- Mandated Courses
- Physical Education Courses
- Civil Welfare Training Service

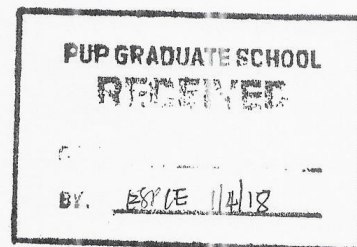
of your academic programs on or before January 12, 2018 (Friday). Our office is designated to assign unique course codes to courses offering of your academic programs. The soft copy of the curricula can be sent through erikrameaux@gmail.com.

Attached is the format of the approved curriculum matrix for your reference

Thank you for your consideration and positive response.

Noted by:

[Signature]
Dr. MANUEL M. MUHI
Vice President for Academic Affairs



2nd Floor NALLRC, Mabini Campus, Anonas Street, Sta. Mesa, Manila
Phone: (Direct Line) 335-1783 Trunk Line 335-1777 or 335-1787 Local 242
website: www.pup.edu.ph e-mail: qac@pup.edu.ph

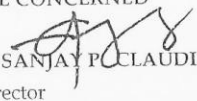
"THE COUNTRY'S 1ST POLYTECHNIC U"



**POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
COLLEGE OF ENGINEERING
COMPUTER ENGINEERING DEPARTMENT**



Republic of the Philippines
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS
QUALITY ASSURANCE CENTER

FOR : ALL CONCERNED
FROM : 
Director
SUBJECT : MEMBERS OF THE UNIVERSITY CURRICULUM
EVALUATION COMMITTEE
DATE : October 11, 2018

The composition of the UNIVERSITY CURRICULUM EVALUATION COMMITTEE (UCEC) are as follows:

- Chair: Dr. MANUEL M. MUHI, Vice President for Academic Affairs
- Vice Chair: Dr. MA. JUNITHESMER D. ROSALES, Dean, Graduate School
- Secretary: Dr. SANJAY P. CLAUDIO, Director, Quality Assurance Center
- Members:
- Prof. LILIAN M. LITONJUA, Dean, College of Accountancy and Finance
 - Dr. JOCELYN R. Lutap, Dean, College of Architecture and Fine Arts
 - Dr. EVANGELINA S. SERIL, Dean, College of Arts and Letters
 - Dr. RAQUEL G. RAMOS, Dean, College of Business Administration
 - Dr. DIVINA T. PASUMBAL, Dean, College of Communication
 - Dr. GISELA MAY A. ALBANO, Dean, College of Computer and Information Sciences
 - Prof. MARIPRES V. PASCUA, Dean, College of Human Kinetics
 - Atty GEMY LITO L. FESTIN, Dean, College of Law
 - Dr. MA. JUNITHESMER D. ROSALES, Dean, College of Education

Office of the Vice President for Academic Affairs (OVPPAA)
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Date: 10/16/18 Time: 9:20 AM



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Dr. REMEDIOS A. ADO, College of Engineering

Prof. ANTONIUS C. UMALI, Dean, College of Political
Science and Public Administration

Dr. LINCOLN A. BAUSTISTA, College of Sciences

Dr. NICOLAS T. MALLARI, Dean, College of Social
Sciences and Development

Dr. MARIETTA D. REYES, Dean, College of Tourism,
Hospitality and Transportation Management

Engr. RAMIR CRUZ, Dean, Institute of Technology

Prof. LEONILA J. GENERALES, Director, Mariveles,
Bataan Branch

Dr. RUFO N. BUEZA, Director, Lopez, Quezon Branch

Prof. DENISE A. ABRIL, Director, Maragondon, Cavite
Branch and Alfonso, Cavite Annex

Dr. ADELIA R. ROADILLA, Director, Mulanay, Quezon
Branch and General Luna, Quezon Annex

Dr. ANASTACIO C. GABRIEL, Director, Ragay,
Camarines Sur Branch

Dr. ARMANDO A. TORRES, Director, Sto Tomas,
Batangas Branch

Dr. MARISSA B. FERRER, Director, Taguig City Branch

Dr. EDWIN G. MALABUYOC, Director, Unisan, Quezon
Branch

Prof. RICARDO F. RAMISCAL, Director, Bansud
Campus, Oriental Mindoro, Campus

Prof. JOSEFINA B. MACARUBBO, Director, Binan,
Laguna Campus

Prof. FERNANDO F. ESTINGOR, Director, Cabiao,
Nueva Ecija Campus

Prof. ARLENE R. QUERI, Director, Calauan, Laguna
Campus and Rizal, Laguna Annex

Prof. AARRON VITO M. BAYGAN, Director,
Paranaque City Campus

Ground Floor, Ninoy Aquino Library and Learning Center, Main Campus, Sta Mesa, Manila, Philippines

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Prof. MA. ELENA M. MANO, Director, Pulilan, Bulacan Campus

Prof. LORENZA ELENA S. GEMUTAO, Director, Sablayan, Occidental Mindoro Campus

Prof. JAIME P. GUTIERREZ, Director, San Juan City Campus

Dr. ELMER G. DE JOSE, Director, San Pedro, Laguna Campus

Prof. CHARITO A. MONTEMAYOR, Director, Santa Rosa, Laguna Campus

Prof. ARTEMUS G. CRUZ, Director, Sta Maria, Bulacan Campus

Please be guided accordingly.

Noted by:

Dr. MANUEL M. MUHI
Vice President for Academic Affairs

Ground Floor, Ninoy Aquino Library and Learning Center, Main Campus, Sta Mesa, Manila, Philippines

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Republic of the Philippines
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
Office of the Vice-President for Academic Affairs

Memorandum Order
No. 1, Series of 2018

TO : All Deans and Chairpersons
FROM : VPAA MANUEL M. MUHI
SUBJECT : GENERAL EDUCATION COURSES OF THE 2018 REVISED CURRICULA
DATE : MARCH 8, 2018

In order to facilitate the finalization of courses offering on or before March 15, 2018, please be guided by the following breakdown of General Education courses:

GE A (CSSD, CPSPA, CAL, COC, COEd, CHK)

24 units of GE Core Courses
9 units of GE Electives
9 units of Filipino Courses
3 units of *Panitikang Filipino*
3 units of *Rizal course* (mandate)
8 units of PE Courses
6 units of NSTP
62 TOTAL UNITS

GE B (CBA, COE, CAFA, CAF, CS, CCIS, CHTM)

24 units of GE Core Courses
9 units of GE Electives
6 units of Filipino Courses
3 units of *Panitikang Pilipino*
3 units of *Rizal course* (mandate)
8 units of PE Courses
6 units of NSTP
59 TOTAL UNITS

Pursuant to Section 4 of CHED Memorandum Order No. 20, series 2013, a total of nine (9) units of General Education Electives must be chosen from at least two (2) of the three (3) domains of knowledge as follows:

<u>Domain 1: Mathematics, Science and Technology</u>	<u>Delivering College</u>
• Environmental Science	- CS
• People and the Earth's Ecosystem	- CS
• Human Reproduction	- not offered
• Living in the IT Era	- CCIS

It: *[Signature]*
13/11/18
ME: *[Signature]*

2nd Floor, South Wing, A. Mabini Campus, Anonas Street, Sta. Mesa, Manila
Tel. Nos. 713-3532; 335-1718 local 206; 722
Website: www.pup.edu.ph

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Re: *[Signature]*
03/09/18
OE *[Signature]* 3/9/18
EE - 3/9/18



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Domain 2: Social Sciences and Philosophy

Delivering College

- Religions, Religious Experiences and Spirituality - not offered
- Philippine Indigenous Community - not offered
- Gender and Society - CSSD
- The Entrepreneurial Mind - CBA
- Politics, Governance and Citizenship* - CPSPA

Domain 3: Arts and Humanities

Delivering College

- Great Books - CAL
- Philippine Popular Culture - CAL
- Indigenous Creative Crafts - not offered
- Reading Visual Art - CAL

**added by the PUP Committee on General Education as option in the Social Sciences and Philosophy domain*

General Education Electives may not be all taken from a single domain as to ensure balance across disciplines and to retain the well-needed character of General Education.

For Filipino and Panitikan courses, the following are the prescribed course titles:

- Filipino 1 - Filipinolohiya at Pambansang Kaunlaran
- Filipino 2 - Pagsasalin at Pambansang Kaunlaran
- Filipino 3** - Intelektwalisasyon ng Wikang Filipino
- Panitikan - Panitikang Filipino

***for programs with nine (9) units of Filipino courses*

Please submit to QAC soft and hard copy of your final 2018 revised curricula on or before March 13, 2018.

Thank you.

2nd Floor, South Wing, A. Mabini Campus, Anonas Street, Sta. Mesa, Manila
Tel.Nos. 713-3532; 335-1718 local 206; 722
Website: www.pup.edu.ph



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 OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS
QUALITY ASSURANCE CENTER

#2018 756 620

FOR : ALL CONCERNED DEANS
 FROM : Dr. *Sanjay P. Claudio*
 Director
 SUBJECT : PRESENTATION OF ACADEMIC PROGRAMS FOR
 UCEC APPROVAL
 DATE : February 26, 2018

The following academic programs are scheduled to present their revised curricula for approval by the University Curriculum Evaluation Committee at Prudente Room on Friday, March 2, 2018 from 9:00 AM onwards:

- Diploma in Computer Technology;
- Diploma in Electrical Technology;
- Diploma in Electronics Communications Engineering Technology;
- Diploma in Mechanical Engineering Technology;
- Bachelor in Public Administration;
- Bachelor in Applied Statistics; and
- Bachelor in Agribusiness Management.

Expected to present on the same day are the Departments with new programs recently approved by the Executive Committee.

Presentors are reminded to be ready with Powerpoint presentation of the revised or new program and hard copies of the revised or new program for distribution to the members of the Committee.

Thank you for your continued cooperation and support.

Noted by:

[Signature]
 Dr. MANUEL M. MUHI
 Vice President for Academic Affairs

Handwritten notes and signatures:
 CSSD *[Signature]* 2-27
 CCIS - *[Signature]* 2-27
 CoEd - *[Signature]* 2-27
 CAL - *[Signature]* 2/27/18
 CRSPA - *[Signature]* 2/27
 CBA - *[Signature]* 2/27/18
 CAF - *[Signature]* 2/27/18
 CS - *[Signature]* 2/27/18
 CHK - *[Signature]* 12/27/18
 CTHM - *[Signature]* 2/27/18
 GIS - *[Signature]*
 CoC - *[Signature]* 3-1-18
 CE - *[Signature]* 2/27/18
 CAPA - *[Signature]* 2/27/18
 VPBC - *[Signature]* 2/27
 ITECH - *[Signature]* 2/27/18

Office of the Vice President for Academic Affairs (OVPAA)
 Jemmy
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 2/27/18 Time: 1:30 pm am/pm





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CS# 2018-22233

February 14, 2018

Dr. NICOLAS T. MALLARI
 Dean, College of Social Sciences and Development
 This University

Sir:

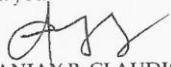
We appreciate the efforts made by your Committee to study the distribution of general education courses more particularly the courses: Understanding the Self, Readings in Philippine History, and Mathematics in the Modern World. We have informed the Office of the Vice President for Academic Affairs about your recommendations.

We would like to inform you that after our meeting last February 7, 2018, the College of Education has positively responded and made the following changes:

Courses	1st sem	2nd sem
Understanding the Self	6	4
Readings in the Philippine History	6	4
Mathematics in Modern World	6	4
Purposive Communication		10
Art Appreciation	4	6
Life and Works of Rizal	4	6
Contemporary World	10	

Kindly consider the abovementioned changes in the distribution.


Thank you.


 Dr. SANJAY P. CLAUDIO
 Director

Noted by:


 Dr. MANUEL M. MUHI
 Vice President for Academic Affairs

Office of the Vice President for Academic Affairs (OVAAA)

Received by: 

Date: 2/14 Time: 6:30 am/PM

Ground Floor, Ninoy Aquino Library and Learning Center, Main Campus, Sta Mesa, Manila, Philippines

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Republic of the Philippines
Polytechnic University of the Philippines
Office of the Vice President for Academic Affairs
QUALITY ASSURANCE CENTER

August 20, 2018

Dr REMEDIOS G. ADO
Dean, College of Engineering
This University

Thru: Engr KENNETH BRYAN M. TANA
Chair, Civil Engineering Department

*Chairperson, Lab Head
CE Faculty members*

For compliance

gl 8-20-18

Dear Dean Ado:

Schools offering Bachelor of Science in Civil Engineering program are mandated to follow the minimum standards and other requirements and guidelines as defined by CMO No. 92 Series of 2017 or Policies, Standards and Guidelines for the Bachelor of Science in Civil Engineering (BSCE) Program Effective Academic Year 2018 – 2019.


A review of your curriculum shows that the total lecture hours for On-the-Job Training (0) are below the minimum required total lecture hours (2 h).

In this regard, we highly recommend that you rectify and revise your 2018 – 2019 curriculum to comply with the above mentioned Policies, Standards and Guidelines.

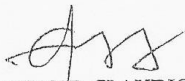
Attached is a comparison of the course offerings of your curriculum and CMO 92 s. 2017 for your reference.

Thank you for your consideration and cooperation.

Sincerely yours,


FREDERICK O. RAMOS, PhD
Chief, Curriculum Planning and Development

Noted by:


Dr. SANJAY P. CLAUDIO
Director



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
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COMPUTER ENGINEERING DEPARTMENT

Revised
**CURRICULUM
DEVELOPMENT
GUIDELINES**

**Polytechnic University of the Philippines
Quality Assurance Center
Curriculum Planning and Development
Manila, Philippines**



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Republic of the Philippines
Polytechnic University of the Philippines
Office of the Vice President for Academic Affairs
QUALITY ASSURANCE CENTER
Sta. Mesa, Manila, Philippines

REVISED CURRICULUM DEVELOPMENT GUIDELINES

I. RATIONALE

For the past century, higher education generally enjoyed a period of rapid growth and increased rate of development and prosperity. It provided huge benefits to individuals and to society, increasing the percentage of people who received higher degrees, and improving the quality of life of the citizenry.

However, as we move through the 21st century, the view on higher education became less positive because of:

- poor quality education;
- unresponsive curricular programs to individual and society's needs;
- growing number of undergraduate students who are not well equipped to meet the demands of the workplace;
- job mismatch;
- low performances in professional licensure examinations;
- ineptness to produce researchers and research works for local, regional and national gains;
- curtailed resources; and
- increasing calls for accountability.

All the above-mentioned factors, including the factors cited below, have moved the University to initiate the project on curriculum development for relevance and quality.

- The knowledge-based economy requires curricula that are more reflective of the instantaneous evolution of information technology, nearly unfiltered information, virtually unhindered movement of capital, labor, goods and services across national borders ensuing changing personal values and loss of some distinctive national identities.
- The Commission on Higher Education's commitment in developing competency-based learning standards compliant with the existing international standards for outcomes-based education
- Present-day students are no longer contented with printed books. Hence, there is a need to change instructional methods and materials because of the proliferation of new instructional technologies.
- New theories of learning emerge as the world becomes a knowledge-based society and life-long learning becomes imperative for anyone to become competent and competitive.
- Each college needs to find a niche in the academic community – a place where it can make a difference by developing programs of national and international standards.
- The curricula should promote spiritual, moral, ecological, social, and cultural development.



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II. QUALITY ASSURANCE CENTER

This office will assist the Office of the Vice President for Academic Affairs in the rationalization of new curricular programs and all existing curricular programs as well as any modification thereof.

The Constitution of the Philippines, the Medium-Term Philippine Development Plan, updated thrusts, policies and standards of the Commission on Higher Education (CHED), Criteria for the Selection of Centers of Excellence/Centers of Development (COE/COD), Professional Regulation Commission (PRC) Rules and Policies, curricular standards of the Accrediting Agency of Chartered Colleges and Universities, Inc. (AACUP) and other recognized national and international accrediting bodies, curricular guidelines of accredited national and international professional organizations, and the vision and mission of the University will be the benchmarks in developing the curricula.

Henceforth, all curricula must be designed and developed to equip our students with global competencies, values and work ethics in facing the mega forces buffeting the world, namely: the knowledge explosion that is transforming every segment of human societies everywhere, be it in education, the social sciences, governance, administration, the changing world itself, which is characterized by the emergence of new global order; the removal of boundaries; the mind-boggling technological changes; ever-increasing global competition and climate change; as well as new cooperation and collaboration.

Objective

One of the main objectives of the Quality Assurance Center (QAC) is to assist the Office of the Vice President for Academic Affairs (OVPA) to supervise, monitor and evaluate the development of a coherent 4 - or 5-year curricular policy framework and strategy for the University to make it the global powerhouse of excellent, quality, and responsive education.

Functions

1. Evaluate proposed new curricular programs.
2. Assess proposed changes in existing curricular programs.
3. Promote quality control and quality assurance practices in developing curricular programs.
4. Provide consultative services to department and college curriculum program designers before and after presentation of proposed new curricular programs or revised curricular programs in the University Curriculum Evaluation Committee (UCEC).
5. Recommend proposed new curricular programs and proposed curricular programs for review and appropriate action/approval by the University Curriculum Evaluation Committee.
6. Monitor curricular development efforts of the University in coordination with the OVPA.
7. Network with the appropriate organizations and collaborate with offices concerned with curriculum research and development.

III. UNIVERSITY CURRICULUM EVALUATION COMMITTEE

The main objective of the University Curriculum Evaluation Committee is to ensure the development of a comprehensive curricular policy framework and strategy.

Functions

1. Review and assess proposed new curricular programs and revise curricular programs.
2. Recommend proposed new curricular programs and proposed revised curricular programs for appropriate action/approval by the University Academic Council.

2 | Curriculum Development Guidelines



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES

COLLEGE OF ENGINEERING

COMPUTER ENGINEERING DEPARTMENT

CURRICULAR DEVELOPMENT PROCEDURES

Guidelines must be followed in developing each curriculum by discipline. These guidelines establish a general framework of organizational responsibilities and procedures within which programs and courses can evolve in a direction that enhances or maintains relevance and quality.

Five (5) university-wide groups are responsible for reviewing proposed curriculum development. These are the Department Curriculum Evaluation Committee (DCEC), the College Curriculum Evaluation Committee (CCEC), the Quality Assurance Center (QAC), the University Curriculum Evaluation Committee (UCEC), and the University Academic Council (UAC).

Curriculum revisions are made when there is a legal basis like CHED CMOs on specific disciplines that must be enforced or requirements which will affect admission to licensure examination of graduates or based on curricular research conducted after the program has completed one cycle and has produced graduates. For proposed new programs, the approval of the Board of Regents (BOR) is required.

Level 1 The DEPARTMENT CURRICULUM EVALUATION COMMITTEE

- The Department Curriculum Evaluation Committee (DCEC) is chaired by the department chairperson. The DCEC is composed of experts in the discipline/s, practitioners from business and industry, alumni, faculty, senior students, and other stakeholders. The members shall convene, design and develop the curriculum. All opportunities for discussion must be provided and a consensus must be attained.
- It must review and evaluate the curriculum/curricula based on the vision and mission of the University, goals of the College, objectives of the Program, and taking into consideration guidelines issued by the Office of the Vice President for Academic Affairs (OVPA), Quality Assurance Center (QAC) and the University Curriculum Evaluation Committee (UCEC).
- It must benchmark and compare the proposed curricular program or existing curricular program through survey with CHED updated thrusts, policies and standards, with an institution recognized as COE/COD or other institutions with exemplary recognition related to the program, with PRC rules and policies for programs with licensure examination, with the curricular standards of AACUP and other recognized national and international accrediting bodies, and with the curricular guidelines of reputable national and international professional organization/s. The COE/COD may adopt the program for purposes of continuous consultation and other arrangements.
- The DCEC will prepare and present the following documents to the faculty members of the department in a consultative conference organized for the purpose:
 1. *Feasibility study or research study to justify the proposed curriculum development.* The feasibility study must include the following:
 - design of the proposed curricular program;
 - prospective head and faculty members and their qualifications; and
 - tentative facilities, laboratories and supplies requirements
 2. *Framework for Outcomes-based Education for the Proposed Program.* It should show the basic structure for the design and development of the proposed program. The structure frame include standards and demand benchmarks such as PUP's Vision and Mission, Goals of the College, Objectives of the Program, CHED and other government agencies, with an institution recognized as COE/COD and other academic institutions with exemplary recognition, with PRC for programs with licensure examinations, with AACUP and other

3 | Curriculum Development Guidelines



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
COLLEGE OF ENGINEERING
COMPUTER ENGINEERING DEPARTMENT

recognized national and international accrediting bodies, with reputable national and international professional organizations. Likewise, included are Institutional Outcomes, Program Outcomes, Course Outcomes, and Course Design for Learning Environments (Content and Methodologies), Teaching – Learning System, Assessment and Evaluation.

3. *Matrix of Courses Titles and Course Credits of Proposed Curriculum* with existing curriculum, with CHED policies and standards, with an institution recognized as COE/COD, and/or academic institutions with exemplary recognition.
4. *Approved Institutional Outcomes, Proposed Desired Program Outcomes, and Proposed Course Outcome.* The approved Institutional Outcomes (IOs) are descriptions of the attributes of ideal graduates based on the vision and mission of the institution. IOs are institutional goals, too. These approved IOs are used as bases for developing Program Outcomes (POs). The proposed POs are sets of competencies that all learners are expected to demonstrate after graduation. CHED's new PSG reflects the minimum program outcomes. The proposed Course Outcomes (COs) refer to knowledge, values, and skills all learners are expected to demonstrate at the end of the course.

5. *Proposed Curriculum Map.* It is the design of the degree program that will try to achieve the POs. It is a matrix display of the courses of the proposed program and its proposed program outcomes (POs) per year level. The following legends may be used to correlate the outcomes and the courses:

L – Learned in the course;
P – Practiced in the course; and
O – Opportunity to learn or practice in the course, not yet learned or practiced.

or,

I – Introduce;
P – Practice skills with supervision; and
D – Demonstrate skills without supervision.

It must also take into consideration the following:

- correct sequencing of courses;
- minimize student overloading of courses per semester;
- maximum contact time with student is 6 – 7 hours per day at 4 – 5 days per week;
- repositioning of courses is limited to courses offered by the department or college; and
- minimize imbalance of faculty loads

6. Summary of Course Credits categorized in terms of:

- General Education Courses
- Basic/Core/Tool/Technical Courses
- Required/Professional/Major Courses
- Seminar Courses
- Elective Courses, Free Electives and Cognates
- Foreign Language
- Practicum/Thesis/Oral Comprehensive Examination and Synthesis Paper
- Mandated Courses



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7. Compilation of OBE Proposed Syllabi

8. Matrix of Changes of Course Titles, Course Credits, Repositioned Courses, Additional Courses, Merged Courses, Deleted Courses, and other forms of changes in the curriculum.

- The proposed curricular program with those abovementioned documents must be presented to the CCEC.

Level 2 The COLLEGE CURRICULUM EVALUATION COMMITTEE

- The College Curriculum Evaluation Committee (CCEC) is chaired by the Dean whom shall appoint the members of the CCEC.
- The CCEC must review and enhance the proposed curriculum submitted by DCEC;
- The proposed curricular program must be submitted by CCEC to QAC for review.

Level 3 The QUALITY ASSURANCE CENTER

- The proposed curricular program must be evaluated by the QAC.
- The proposed curricular must be endorsed to the UCEC for further review and appropriate action.
- The documents of the proposed curricular program must be reviewed by the QAC before the oral presentation in the UCEC.

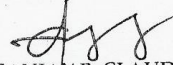
Level 4 The UNIVERSITY CURRICULUM EVALUATION COMMITTEE

- The University Curriculum Evaluation Committee (UCEC) is chaired by the Vice President for Academic Affairs. Members are the Deans of the Graduate School, and the different Colleges, Directors of the different branches/extensions, Director of Budget, Director of the Library and Learning Resource Center, and the Assistant to the VPAA. The Director of the Quality Assurance Center shall be the Secretary.
- The UCEC must review and enhance further the proposed curricular program submitted and presented by CCEC.
- The proposed curricular program must be submitted and recommended to the University Academic Council (UAC) for approval.

Level 5 The UNIVERSITY ACADEMIC COUNCIL

- The University Academic Council (UAC) is chaired by the University President.
- The UAC will be the last to review and approve the proposed new curricular programs/ revised curricular programs submitted by UCEC. After approval by the UAC, the proposed curricular program/s will be implemented in the following academic year provided such revised programs entail no additional units or expenses to the University.
- For new programs and revised programs with additional units, the University President will recommend any proposed new curricular program to the Board of Regents (BOR) for approval.
- The BOR-approved new/revised programs shall be implemented the following academic year.

Approved by


Dr. SANJAY P. CLAUDIO
Director

5 | Curriculum Development Guidelines

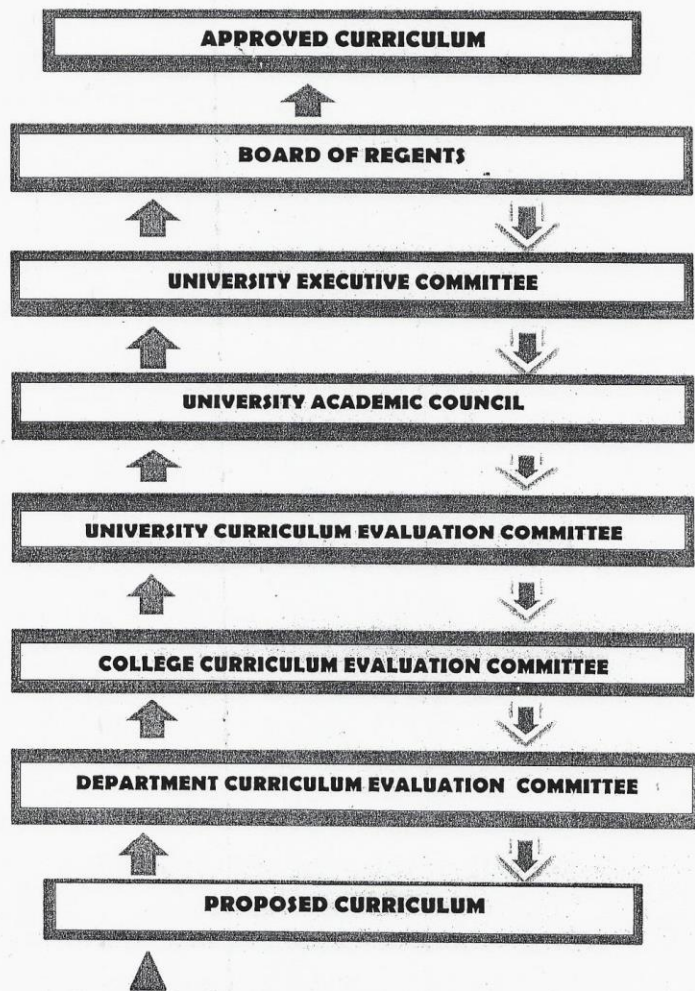


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FLOW CHART OF CURRICULUM DEVELOPMENT



Stakeholders' Consultation Meetings	Administrators, Faculty and Employees	Students and Alumni	Employers and Industry Partners
PUP Mission, Vision and Agenda, College Goals and Program Objectives	Commission on Higher Education, Centers of Development and Centers of Development	Department of Education, Technical Education and Skills Authority, and Professional Regulations Commission	Accrediting Agency or Chartered Colleges and Universities in the Philippines and other Accrediting Bodies
Other Government Agencies, Non-governmental agencies and Professional Organizations			

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PROPOSED TEMPLATE FOR BENCHMARKING MATRIX OF Courses Titles and Course Credits of Proposed Curriculum with existing curriculum, with CHED policies and standards, with an institution recognized as COE/COD, and/or academic institutions with exemplary recognition

Course Title	Course Credit Units				
	Proposed Curriculum	Old Curriculum	CHED Curriculum	COD/COE	Others School
General Education Core Courses					
1. Understanding the Self	3				
2. Reading in Philippine History	3				
3. Contemporary World	3				
4. Mathematics in the Modern World	3				
5. Purposive Communication	3				
6. Art Appreciation	3				
7. Science, Technology & Society	3				
8. Ethics	3				
Total	24				
General Education Elective Courses					
1. Mathematics, Science & Technology	3				
2. Social Sciences & Philosophy	3				
3. Arts & Humanities	3				
Total	9				
General Education Mandated Courses					
1. Life & Works of Rizal	3				
2. Physical Education Courses	8				
3. National Service Training Program	6				
Total	17				
Basic/Core/Tool/Technical Courses					
Total					
Required/Professional/Major Courses					

Not available

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	Total				
	Seminar Courses				
	Total				
	Elective Courses, Free Electives and Cognates				
	Total				
	Foreign Language				
	Total				
	Practicum/Thesis/Oral Comprehensive Examination and Synthesis Paper				
	Total				
	Grand Total				

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PROPOSED TEMPLATE FOR MATRIX OF Change of Course Title (CCT), Change in Course Credit (CCC), Added (AC) and Deleted Courses (DC), Merged Courses (MC), Repositioned Courses (RC) of the Proposed Curriculum with existing curriculum

Course Title	Proposed Curriculum	Old Curriculum	Change
General Education Core Courses			
1. Understanding the Self	3		
2. Reading in Philippine History	3		
3. Contemporary World	3		
4. Mathematics in the Modern World	3		
5. Purposive Communication	3		
6. Art Appreciation	3		
7. Science, Technology & Society	3		
8. Ethics	3		
Total	24		
General Education Elective Courses			
1. Mathematics, Science & Technology	3		
2. Social Sciences & Philosophy	3		
3. Arts & Humanities	3		
Total	9		
General Education Mandated Courses			
1. Life & Works of Rizal	3		
2. Physical Education Courses	8		
3. National Service Training Program	6		
Total	17		
Basic/Core/Tool/Technical Courses			
Total			
Required/Professional/Major Courses			

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Total			
Seminar Courses			
Total			
Elective Courses, Free Electives and Cognates			
Total			
Foreign Language			
Total			
Practicum/Thesis/Oral Comprehensive Examination and Synthesis Paper			
Total			
Grand Total			

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PROPOSED TEMPLATE FOR SUMMARY MATRIX

Course Title	Proposed Curriculum
General Education Core Courses	
General Education Elective Courses	
General Education Mandated Courses	
Basic/Core/Tool/Technical Courses	
Required/Professional/Major Courses	
Seminar Courses	
Elective Courses, Free Electives and Cognates	
Foreign Language	
Practicum/Thesis/Oral Comprehensive Examination and Synthesis Paper	
GRAND TOTAL	

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Proposed Template for Curriculum Map

General Education Courses & Other Courses	Program Outcomes				
	PO 1	PO2	PO3	PO4	PO5
Understanding the Self ¹					
Reading in Philippine History ¹					
The Contemporary World ¹					
Mathematics in the Modern World ¹					
Purposive Communication ¹					
Art Appreciation ¹					
Science, Technology & Society ¹					
Ethics ¹					
Mathematics, Science & Technology ²					
Social Sciences & Philosophy ²					
Arts & Humanities ²					
Life & Works of Rizal ³					
Physical Education Courses ⁴					
National Service Training Program ⁵					

- 1 General Education Core Course; CMO 20 s.2013; 24 credit units
- 2 General Education Elective Courses; CMO 20 s.2013; 9 credit units
- 3 General Education Mandated Course; CMO 20 s.2013; 3 credit units
- 4 Physical Education Courses; 8 credit units
- 5 National Service Training Program; 6 credit units

*Curriculum Map. It is the design of the degree program that will try to achieve the POs. It is a matrix display of the courses of the proposed program and its proposed program outcomes (POs) per year level. The following legends may be used to correlate the outcomes and the courses:

- L – Learned in the course;
 - P – Practiced in the course; and
 - O – Opportunity to learn or practice in the course, not yet learned or practiced.
- or,
- I – Introduce;
 - P – Practice skills with supervision; and
 - D – Demonstrate skills, without supervision.

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Proposed Template for Curriculum Map

Core/Tool/ Major/Fundamental/Professional/ Specialization/ Electives Courses Undergraduate Thesis	Program Outcomes				
	PO 1	PO2	PO3	PO4	PO5

*Curriculum Map. It is the design of the degree program that will try to achieve the POs. It is a matrix display of the courses of the proposed program and its proposed program outcomes (POs) per year level. The following legends may be used to correlate the outcomes and the courses:

- L – Learned in the course;
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**PROPOSED GUIDELINES FOR PRESENTATION OF A
PROPOSED CURRICULAR PROGRAM**

RATIONALE

The curriculum is the educational institution's vision of the future for its students. It is the essential roadmap of the educational institution to provide quality learning for its students, and to articulate and support education relevant to the holistic development of the students in order to afford them greater life opportunities and be best equipped to meet and overcome the challenges of the forthcoming real world of work. With this, the quality of the proposed curriculum must then be evaluated *vis-a-vis* appropriateness of inputs, outputs and outcomes by authorities who are suitably qualified and experienced. And to systematize the presentation of the proposed curricular program for evaluation purposes by the authorities and members of the University Curriculum Evaluation Committee, this guideline is suggested.

1. PRESENTOR OF THE PROPOSED CURRICULAR PROGRAM

The Chair of the Program Department Evaluation Committee shall be responsible to present the proposed curricular program to the University Curriculum Evaluation Committee. The presentor will be given a maximum of thirty (30) minutes to present the proposed curricular program.

2. DOCUMENTARY REQUIREMENTS FOR DISTRIBUTION

Photocopies of the following documents must be distributed to the members of the University Curriculum Evaluation Committee before the oral presentation of proposed curricular program

2.1 Rationale of the Proposed Curricular Program

A brief explanation of the underlying reason or an explanation controlling principles of opinions, beliefs, practices or phenomena for offering the curricular program.

2.2 Program Outcomes of the Proposed Curricular Program

Logical enumeration of the desired program objectives in coherence with the approved desired institutional outcomes and Program and Standard Guidelines issued by the Commission on Higher Education.



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2.3 Matrix for Benchmarking

Matrix of classified courses of the proposed curricular program in comparison with the Program and Standard Guidelines issued by the Commission on Higher Education, local institutions of COD/COE status, other local and foreign academic institutions with exemplary recognition.

2.4 Proposed Curriculum or Curricula

Proposed curriculum by year level and by semester showing the course titles with the corresponding number of course credits and corresponding lecture and laboratory hours, corresponding co-requisites and prerequisite courses, and the total number of course credits per semester. If curricular program has specialization options, a separate distinct curriculum should be presented for each option. And if program is of ladderized scheme, the certificate or diploma earned should be indicated per year level.

2.5 Summary Matrix of Courses of the Proposed Curricular Program

Matrix of the summary of all courses of the proposed curricular program classified according to Program and Standard Guidelines issued by the Commission on Higher Education with the corresponding course credits.

2.6 Job Targets of the Proposed Curricular Program

Listing of job targets of the proposed curricular program and listing of job targets per year level for ladderized programs.

2.7 Proposed Entrance and Graduation Requirements

Listing of entrance requirements to qualify for admission in the proposed curricular program and listing of graduation requirements to earn the certificates and diploma of the academic degree of the proposed curricular program.

3. CONTENT AND SEQUENCE OF PRESENTATION

The presenter of the proposed curricular program shall observed the sequence of content and presentation using a Microsoft PowerPoint.

3.1 Rationale of the Proposed Curricular Program

2 | Guideline for Presentation of Proposed Curricular Program



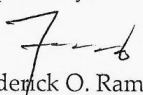
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- 3.2 Program Outcomes
- 3.3 Matrix for Benchmarking
- 3.4 Proposed Curriculum
- 3.5 Summary Matrix of Courses of the Proposed Curricular Program
- 3.6 Job Targets of the Proposed Curricular Program
- 3.7 Proposed Entrance and Graduation Requirements

Prepared by:


Frederick O. Ramos

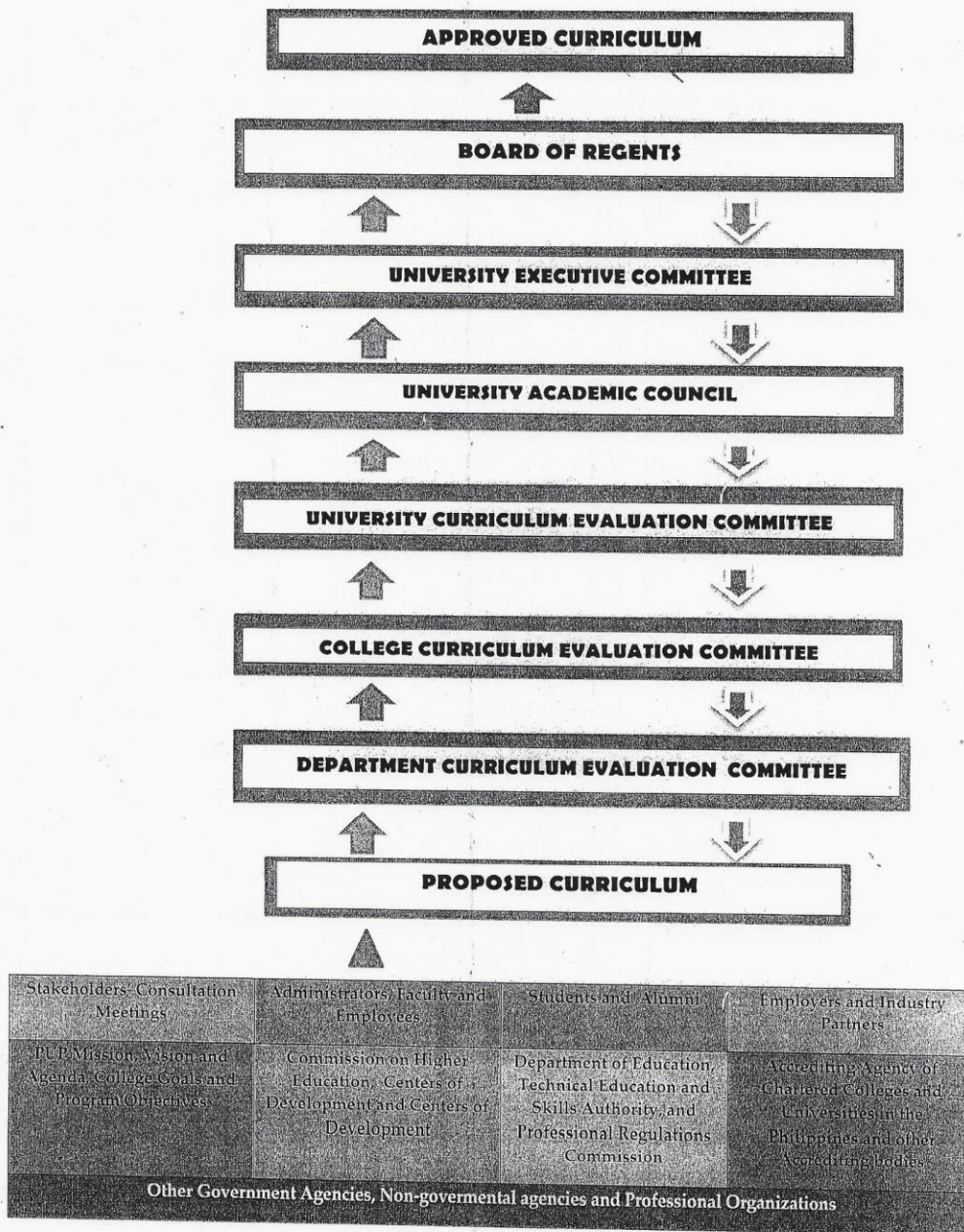


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FLOW CHART OF CURRICULUM DEVELOPMENT



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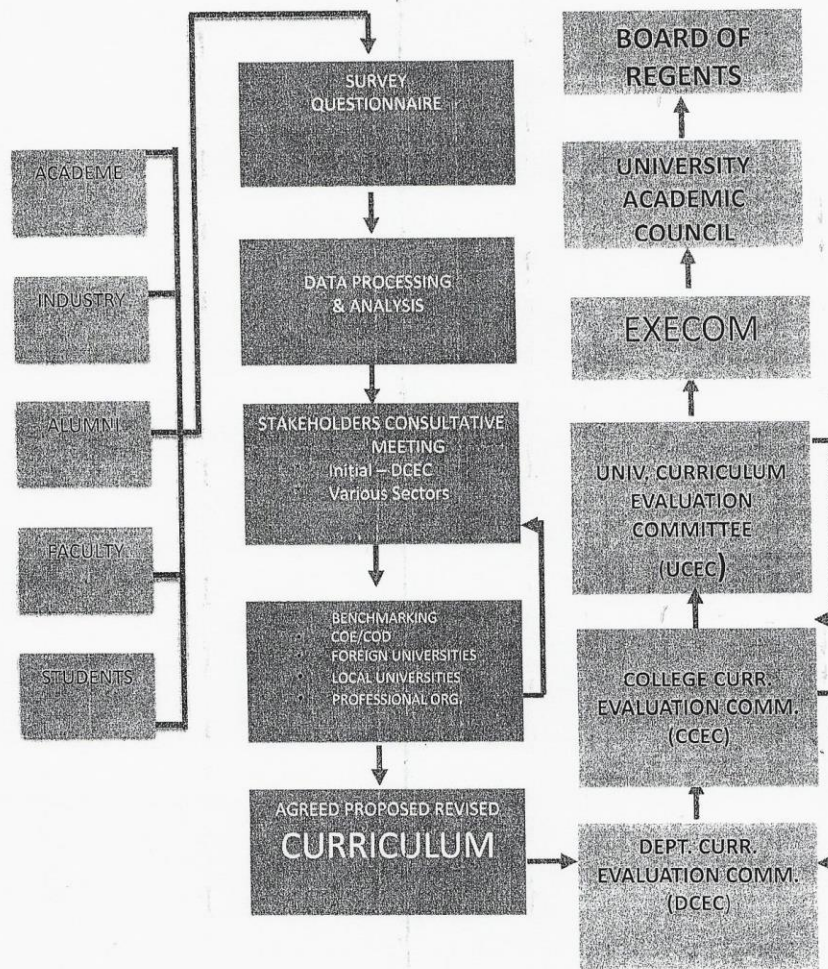
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The summary/diagram of the entire curriculum revision process is as follows:

Curriculum Revision Process
 Flowchart



To complete the process, the revised curricula including the renaming of some programs as specified is hereby respectfully submitted for board approval.

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EXECUTIVE SUMMARY

The PUP recognizes the need to shift from content-based curriculum to competency-based curriculum or outcomes-based education. Consequently, it started the revision process of its curricular offerings on the latter part of 2017 and submitted (15) programs, which were successfully approved by the PUP Board of Regents (BOR) on November 20, 2017.

The second batch which will be submitted for BOR approval consists of a total of forty (40) programs with revised curricula including:

- ONE (1) New Program

	ACADEMIC PROGRAMS	TOTAL NUMBER OF CREDIT UNITS			REMARKS	UCEC DATE OF APPROVAL
		Previous Curriculum	UCEC-approved Proposed	CHED's Minimum		
I	COLLEGE OF HUMAN KINETICS (CHK)					
1	Bachelor of Science in Exercises and Sports	N/A	152	143	CMO 81 s.2017	January 9, 2018

- FOUR (4) Revised Programs with new program titles and with existing CMOs

	ACADEMIC PROGRAMS	TOTAL NUMBER OF CREDIT UNITS			REMARKS	UCEC DATE OF APPROVAL
		Previous Curriculum	UCEC-approved Proposed	CHED's Minimum		
I	COLLEGE OF EDUCATION (COED)					
1	Bachelor in Business Technology and Livelihood Education major in Home Economics (<i>formerly</i> Bachelor in Business Teacher Education)	191	185	164	CMO 78 s.2017	January 24, 2018
2	Bachelor in Business Technology and Livelihood Education major in Industrial Arts (<i>formerly</i> Bachelor in Business Teacher Education)	191	185	164		
3	Bachelor in Business Technology and Livelihood Education major in Information and Communication Technology (<i>formerly</i> Bachelor in Business Teacher Education)	191	185	164		
II	COLLEGE OF POLITICAL SCIENCE AND PUBLIC ADMINISTRATION (CPSPA)					
1	Bachelor of Arts in Political Science (<i>formerly</i> Bachelor in Political Science)	170	149	104	CMO 51 s.2017	January 9, 2018

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- THREE (3) Revised Programs with New Program Titles and with no existing CMOs

	ACADEMIC PROGRAMS	TOTAL NUMBER OF CREDIT UNITS			REMARKS	UCEC DATE OF APPROVAL
		Previous Curriculum	UCEC-approved Proposed	CHED's Minimum		
I COLLEGE OF ENGINEERING (CE)						
1	Bachelor of Science in Railway Engineering (formerly Bachelor of Science in Railway Engineering and Management)	230	204	N/A	No CMO	January 25, 2018
II COLLEGE OF POLITICAL SCIENCE AND PUBLIC ADMINISTRATION (CPSPA)						
1	Bachelor of Arts in Political Economy (formerly Bachelor of Science in Political Economy)	156	140	N/A	No CMO	January 31, 2018
III COLLEGE OF SOCIAL SCIENCES AND DEVELOPMENT (CSSD)						
1	Bachelor of Science in Cooperatives (formerly Bachelor in Cooperatives)	167	146	N/A	No CMO	December 18, 2017

- THIRTY-TWO (32) Revised Curricula with no change in program titles

	ACADEMIC PROGRAMS	TOTAL NUMBER OF CREDIT UNITS			REMARKS	UCEC DATE OF APPROVAL
		Previous Curriculum	UCEC-approved Proposed	CHED's Minimum		
I COLLEGE OF ARCHITECTURE & FINE ARTS (CAFA)						
1	Bachelor of Science in Architecture	248	220	214	CMO 61 s.2017	January 26, 2018
2	Bachelor of Science in Interior Design	185	188	173	CMO 44 s.2017	January 26, 2018
II COLLEGE OF BUSINESS ADMINISTRATION (CBA)						
1	Bachelor of Science in Business Administration major in Marketing Management	182	176	122	CMO 17 s.2017	October 4, 5 and 11, 2017
2	Bachelor of Science in Business Administration major in Human Resource Development Management	182	167	122		October 4, 5 and 11, 2017
3	Bachelor of Science in Entrepreneurship	182	156	129	CMO 18 s.2017	October 4, 5 and 11, 2017
4	Bachelor of Science in Office Administration	182	162	119	CMO 19 s.2017	October 4, 5 and 11, 2017
III COLLEGE OF COMPUTER AND INFORMATION SCIENCE (CCIS)						
1	Bachelor of Science in Computer Science	182	167	146	CMO 25 s.2015	October 4, 5 and 11, 2017
2	Bachelor of Science in Information Technology	182	164	146	CMO 25 s.2015	October 4, 5 and 11, 2017
IV COLLEGE OF EDUCATION (COED)						
1	Bachelor in Elementary Education	197	164	152	CMO 74 s.2017	January 24, 2018
2	Bachelor of Secondary Education major in English	179	170	167	CMO 75 s.2017	January 24, 2018
3	Bachelor of Secondary Education major in Filipino	182	167	161		January 24, 2018

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	ACADEMIC PROGRAMS	Previous Curriculum	UCEC-approved Proposed	CHED's Minimum		UCEC DATE OF APPROVAL
4	Bachelor of Secondary Education major in Mathematics	187	164	161	CMO 75 s.2017	January 24, 2018
5	Bachelor of Secondary Education major in Social Studies	158	173	167		January 24, 2018
6	Bachelor in Library and Information Science	170	161	152	CMO 24 s. 2015	October 4, 5 and 11, 2017
7	Post Baccalaureate in Teacher Education	30	30	N/A	No CMO	December 18, 2017
V COLLEGE OF ENGINEERING (CE)						
1	Bachelor of Science in Civil Engineering	269	211	171	CMO 92 s.2017	January 25, 2018
2	Bachelor of Science in Computer Engineering	244	185	166	CMO 87 s.2017	January 25, 2018
3	Bachelor of Science in Electrical Engineering	226	199	168	CMO 88 s.2017	January 26, 2018
4	Bachelor of Science in Electronics Engineering	253	207	171	CMO 101 s.2017	January 25, 2018
5	Bachelor of Science in Industrial Engineering	250	189	164	CMO 96 s.2017	January 31, 2018
6	Bachelor of Science in Mechanical Engineering	253	221	172	CMO 97 s.2017	January 25, 2018
VI COLLEGE OF HUMAN KINETICS (CHK)						
1	Bachelor of Physical Education	174	152	161	CMO 80 s.2017	January 9, 2018
VII COLLEGE OF SCIENCES (CS)						
1	Bachelor of Science in Biology	182	170	158	CMO 49 s.2017	October 23, 2017
2	Bachelor of Science in Chemistry	175	157	130	CMO 47 s.2017	October 23, 2017
3	Bachelor of Science in Mathematics	180	155	135	CMO 48 s.2017	October 23, 2017
4	Bachelor of Science in Applied Mathematics	180	155	135	CMO 48 s.2017	October 23, 2017
5	Bachelor of Science in Nutrition & Dietetics	188	178	165	CMO 14 s.2017	
VIII COLLEGE OF SOCIAL SCIENCES AND DEVELOPMENT (CSSD)						
1	Bachelor of Science in Economics	150	136	105	CMO 32 s. 2017	October 4, 5 and 11, 2017
IX COLLEGE OF TOURISM, HOSPITALITY AND TRANSPORTATION MANAGEMENT (CTHTM)						
1	Bachelor of Science in Hospitality Management	183	177	152	CMO 62 s. 2017	December 18, 2017
2	Bachelor of Science in Tourism Management	181	161	143	CMO 62 s. 2017	
3	Bachelor of Science in Transportation Management	166	146	N/A	No CMO	January 26, 2018
X GRADUATE SCHOOL						
1	Master of Arts in Filipino	42	42	N/A	No CMO	October 4, 5 and 11, 2017

TOTAL NO. OF CURRICULA FOR BOR APPROVAL = FORTY (40) PROGRAMS

The proposed curricula of the abovementioned programs were then deliberated and approved by their respective Department and College Curriculum Evaluation Committees, the University Curriculum Evaluation Committee (UCEC) and the PUP Executive Committee (EXECOM).

Due to time constraints and to ensure that the necessary preparations for the implementation of the revised curricula for School Year 2018-2019 will be in order, a

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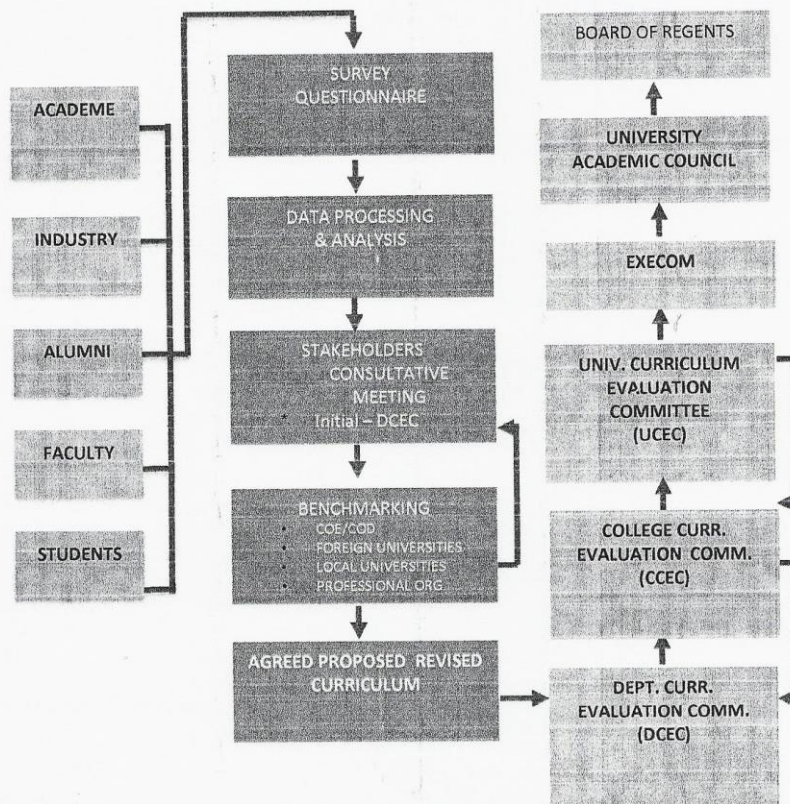


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resolution moving for the approval of the revised curricula was circulated for approval of the members of the University Academic Council. A copy of which is hereto attached.

The summary/diagram of the entire curriculum revision process is as follows:

➔ **Curriculum Revision Process Flowchart**



To complete the process, the revised curricula including the renaming of some programs as specified is hereby respectfully submitted for board approval.

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TO: VP A. RAMILO
 AVP E. MARIANO
 DR. S. CLAUDIO
 ALL DEPARTMENT HEADS
 PROF. J. DUMLAO
 PROF. P. SUYAT

FROM: DR. M. MUHI

SUBJECT: CURRICULUM & SYLLABI DEVELOPMENT

DATE: JULY 15, 2019

NOTICE OF MEETING

Date/Time: July 19, 2019 / 2:00 pm
 Venue: Prudente Room

AGENDA

1. Updating of Curricular Program
2. Status of Syllabi Revision
3. Accreditation of Programs
4. Change of School Calendar
5. Preparation of Second Semester Subject Offerings
6. Room Assignment
7. Other Matters

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COMMISSION ON HIGHER EDUCATION



CHED MEMORANDUM ORDER
 No. 04
 Series of 2018

Subject : POLICY ON THE OFFERING OF FILIPINO AND PANITIKAN
 SUBJECTS IN ALL HIGHER EDUCATION PROGRAMS AS PART
 OF THE NEW GENERAL EDUCATION CURRICULUM

In accordance with the pertinent provisions of Republic Act (RA) No. 7722, otherwise known as the Higher Education Act of 1994 and by virtue of Commission En Banc Resolution No. 154-2018 dated 10 April 2018, the following policy is hereby promulgated by the Commission on the offering of Filipino and Panitikan subjects in all higher education programs as part of the New General Education Curriculum which shall be implemented effective Academic Year 2018-2019.

Background

This policy is being issued in compliance with Supreme Court En Banc Resolution dated April 21, 2015, in the case entitled "Dr. Bienvenido Lumbrera, et.al., vs. President Benigno Aquino, et.al., G.R. No. 217451, the dispositive portion of which states:

"NOW, THEREFORE, effective immediately and continuing until further orders from this Court, You, respondents, your agents, representatives, or persons acting in your place or stead, are hereby ENJOINED from implementing and enforcing the provision of Commission on Higher Education Memorandum No. 20, series of 2013, insofar as it excluded from the curriculum for college Filipino and Panitikan as core courses."

The Supreme Court Resolution did not, however, enjoin the Commission from implementing and enforcing CMO No. 20, series of 2013, hence provisions of the said Memorandum, except the exclusion of Filipino and Panitikan as core courses, will still be implemented.

The Policy

- A. All HEIs are enjoined to implement as part of all baccalaureate degree programs, per CHED Memorandum Order No. 59, series of 1996 and CMO No. 04, series of 1997, the following minimum requirements, insofar as Filipino and Panitikan courses are concerned:

As to those fields of study, which are related to Humanities, Social Sciences and Communication:

Filipino	-	9 units
Literature	-	6 units

Higher Education Development Center Building, C.P. Garcia Ave., UP Campus, Diliman, Quezon City, Philippines
 Web Site: www.ched.gov.ph Tel. Nos. 441-1177, 385-4391, 441-1169, 441-1149, 441-1170, 441-1216, 392-5296, 441-1220, 441-1228, 441-1169, 988-0002, 441-0750, 441-1254, 441-1235, 441-1170, 441-1255, 441-8910, 441-1171, 352-1871



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As to students majoring in fields other than Humanities, Social Sciences and Communication, Higher Education Institutions (HEIs) may follow these minimum requirements:

Filipino 6 units
Literature as e.g. in Humanities subjects

In both instances, at the discretion of the HEI, Literature subjects may be taught in Filipino, English or any other language as long as there are enough instructional materials for the same and both students and instructors/professors are competent in the language.

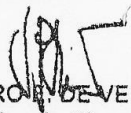
In order for HEIs to include Filipino and Panitikan as core courses in their curriculum, the inclusion of 9 units of GE electives starting Academic Year 2018-2019 as prescribed in CMO No. 20, series of 2013 is hereby deferred.

- B. The eight core courses (24 units) identified in CMO No. 20, series of 2013, along with the mandated course on Rizal's life and works based on RA No. 1425 (3 units), will be taught starting AY 2018-2019:
1. Understanding the Self/Pag-unawa sa Sarili
 2. Readings in Philippine History/Mga Babasahin Hingil sa Kasaysayan ng Pilipinas
 3. The Contemporary World/Kasalukuyang Daigdig
 4. Mathematic in the Modern World/Matematika sa Makabagong Daigdig
 5. Purposive Communication/Malayuning Komunikasyon
 6. Art Appreciation/Pagpapahalaga sa Sining
 7. Science, Technology and Society/Agham, Teknolohiya at Lipunan
 8. Ethics/Etika
 9. The Life and Works of Rizal/Ang Buhay at mga Akda ni Rizal
- C. HEIs in the exercise of their academic programs in its curricular offerings shall have the flexibility to determine the appropriate terms (semester/trimester/quarter) where the above-mentioned Filipino courses shall be offered.
- D. The Commission encourages HEIs to maintain their Filipino Departments in order for them to continue offering their Filipino and Panitikan courses.

For strict compliance of all HEIs and concerned officials until further order from the Commission.

Issued this April 11, 2018, Quezon City, Philippines

For the Commission:


J. PROSPERO DE VERA III, DPA
Officer-in-Charge
Commission on Higher Education





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OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS
QUALITY ASSURANCE CENTER

#2018 5230 22

FOR : ALL CONCERNED DEANS
FROM : Dr SANJAY P. CLAUDIO
Director
SUBJECT : GENERAL EDUCATION COURSES
DATE : January 31, 2018

Please be informed that there will be a meeting re handling of General Education courses (CMO 20 s. 2013) in the 2018 curriculum on Wednesday, February 7, 2018 from 1:00 onwards at the Quality Assurance Center, Ninoy Aquino Library and Learning Resource Center.

Thank you for your continued cooperation and support.

Noted by:

Dr. MANUEL M. MUHI
Vice President for Academic Affairs

Handwritten notes:
CSO 2/2/18
CCS - Chammy 2-2-18
COED - A 2-2-18
CAI - Estrella
CRSPA - Jhoanna 2/2/18
CBA - clie 2/2/18
CAF - J 2-8-18
CF - J 2-3-18
CoC - Dev 2-2-18
CG 2-5-18
CAFA - J 2-5-18
CTHTM - J 2-5-18
GS
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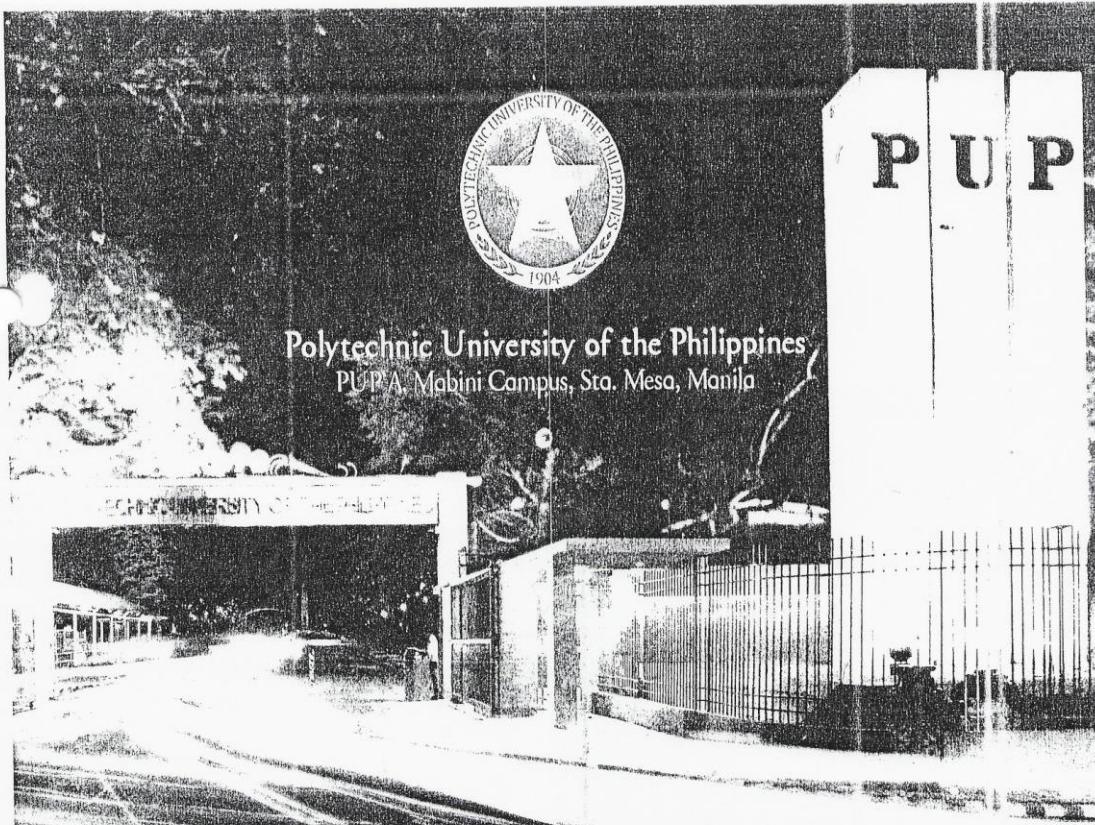
Office of the Vice President for Academic Affairs (OVPA)
Received by: _____
Date: 1/31/18 No: _____

onihora@yahoo.com 0917-8978901
Ground Floor, Ninoy Aquino Library and Learning Center, Main Campus, Sta Mesa, Manila, Philippines
"THE COUNTRY'S 1ST POLYTECHNICU"



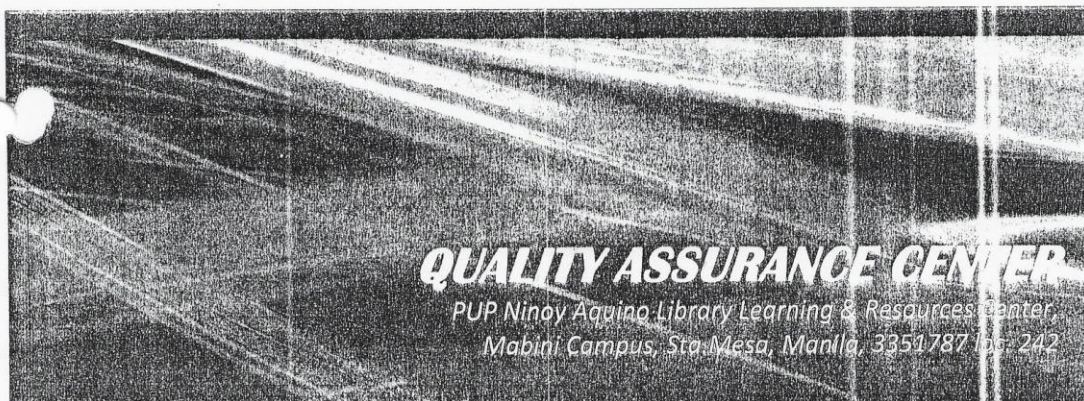


POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
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CURRICULUM PLANNING & DEVELOPMENT

University Curriculum & Evaluation Committee
**MINUTES OF THE
MEETINGS**





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COLLEGE OF ENGINEERING
COMPUTER ENGINEERING DEPARTMENT



Republic of the Philippines
Polytechnic University of the Philippines
Office of the Vice President for Academic Affairs
QUALITY ASSURANCE CENTER
Sta. Mesa, Manila, Philippines

REVISED CURRICULAR DEVELOPMENT GUIDELINES

I. RATIONALE

For the past century, higher education generally enjoyed a period of rapid growth and increased rate of development and prosperity. It provided huge benefits to individuals and to society, increasing the percentage of people who received higher degrees, and improving the quality of life of the citizenry.

However, as we move through the 21st century, the view on higher education became less positive because of:

- poor quality education;
- unresponsive curricular programs to individual and society's needs;
- growing number of undergraduate students who are not well equipped to meet the demands of the workplace;
- job mismatch;
- low performances in professional licensure examinations;
- ineptness to produce researchers and research works for local, regional and national gains;
- curtailed resources; and
- increasing calls for accountability.

All the above-mentioned factors, including the factors cited below, have moved the University to initiate the project on curriculum development for relevance and quality.

- The knowledge-based economy requires curricula that are more reflective of the instantaneous evolution of information technology, nearly unfiltered information, virtually unhindered movement of capital, labor, goods and services across national borders ensuing changing personal values and loss of some distinctive national identities.
- The Commission on Higher Education's commitment in developing competency-based learning standards compliant with the existing international standards for outcomes-based education
- Present-day students are no longer contented with printed books. Hence, there is a need to change instructional methods and materials because of the proliferation of new instructional technologies.
- New theories of learning emerge as the world becomes a knowledge-based society and life-long learning becomes imperative for anyone to become competent and competitive.
- Each college needs to find a niche in the academic community – a place where it can make a difference by developing programs of national and international standards.

II. Curriculum Development Guidelines



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- The curricula should promote spiritual, moral, ecological, social, and cultural development.

II. QUALITY ASSURANCE CENTER

This office will assist the Office of the Vice President for Academic Affairs in the rationalization of new curricular programs and all existing curricular programs as well as any modification thereof.

The Constitution of the Philippines, the Medium-Term Philippine Development Plan, updated thrusts, policies and standards of the Commission on Higher Education (CHED), Criteria for the Selection of Centers of Excellence/Centers of Development (COE/COD), Professional Regulation Commission (PRC) Rules and Policies, curricular standards of the Accrediting Agency of Chartered Colleges and Universities, Inc. (AACUP) and other recognized national and international accrediting bodies, curricular guidelines of accredited national and international professional organizations, and the vision and mission of the University will be the benchmarks in developing the curricula.

Henceforth, all curricula must be designed and developed to equip our students with global competencies, values and work ethics in facing the mega forces buffeting the world, namely: the knowledge explosion that is transforming every segment of human societies everywhere, be it in education, the social sciences, governance, administration, the changing world itself, which is characterized by the emergence of new global order; the removal of boundaries; the mind-boggling technological changes; ever-increasing global competition and climate change; as well as new cooperation and collaboration.

Objective

One of the main objectives of the Quality Assurance Center (QAC) is to assist the Office of the Vice President for Academic Affairs (OVPAA) to supervise, monitor and evaluate the development of a coherent 4 - or 5-year curricular policy framework and strategy for the University to make it the global powerhouse of excellent, quality, and responsive education.

Functions

1. Evaluate proposed new curricular programs.
2. Assess proposed changes in existing curricular programs.
3. Promote quality control and quality assurance practices in developing curricular programs.
4. Provide consultative services to department and college curriculum program designers before and after presentation of proposed new curricular programs or revised curricular programs in the University Curriculum Evaluation Committee (UCEC).
5. Recommend proposed new curricular programs and proposed curricular programs for review and appropriate action/approval by the University Curriculum Evaluation Committee.

2 | Curriculum Development Guidelines



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6. Monitor curricular development efforts of the University in coordination with the OVPAA.
7. Network with the appropriate organizations and collaborate with offices concerned with curriculum research and development.

III. UNIVERSITY CURRICULUM EVALUATION COMMITTEE

The main objective of the University Curriculum Evaluation Committee is to ensure the development of a comprehensive curricular policy framework and strategy.

Functions

1. Review and assess proposed new curricular programs and revise curricular programs.
2. Recommend proposed new curricular programs and proposed revised curricular programs for appropriate action/approval by the University Academic Council.

CURRICULAR DEVELOPMENT PROCEDURES

Guidelines must be followed in developing each curriculum by discipline. These guidelines establish a general framework of organizational responsibilities and procedures within which programs and courses can evolve in a direction that enhances or maintains relevance and quality.

Five (5) university-wide groups are responsible for reviewing proposed curriculum development. These are the Department Curriculum Evaluation Committee (DCEC), the College Curriculum Evaluation Committee (CCEC), the Quality Assurance Center (QAC), the University Curriculum Evaluation Committee (UCEC), and the University Academic Council (UAC).

Curriculum revisions are made when there is a legal basis like CHED CMOs on specific disciplines that must be enforced or requirements which will affect admission to licensure examination of graduates or based on curricular research conducted after the program has completed one cycle and has produced graduates. For proposed new programs, the approval of the Board of Regents (BOR) is required.

Level 1 The DEPARTMENT CURRICULUM EVALUATION COMMITTEE

- The Department Curriculum Evaluation Committee (DCEC) is chaired by the department chairperson. The DCEC is composed of experts in the discipline/s, practitioners from business and industry, alumni, faculty, senior students, and other stakeholders. The members shall convene, design and develop the curriculum. All opportunities for discussion must be provided and a consensus must be attained.
- It must review and evaluate the curriculum/curricula based on the vision and mission of the University, goals of the College, objectives of the Program, and taking into consideration guidelines issued by the Office of the Vice President for Academic Affairs (OVPAA), Quality Assurance Center (QAC) and the University Curriculum Evaluation Committee (UCEC).
- It must benchmark and compare the proposed curricular program or existing curricular program through survey with CHED updated thrusts,

3|Curriculum Development Guidelines



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policies and standards, with an institution recognized as COE/COD or other institutions with exemplary recognition related to the program, with PRC rules and policies for programs with licensure examination, with the curricular standards of AACCUP and other recognized national and international accrediting bodies, and with the curricular guidelines of reputable national and international professional organization/s. The COE/COD may adopt the program for purposes of continuous consultation and other arrangements.

- The DCEC will prepare and present the following documents to the faculty members of the department in a consultative conference organized for the purpose:

1. *Feasibility study or research study to justify the proposed curriculum development.* The feasibility study must include the following:

- design of the proposed curricular program;
- prospective head and faculty members and their qualifications; and
- tentative facilities, laboratories and supplies requirements

2. *Framework for Outcomes-based Education for the Proposed Program.* It should show the basic structure for the design and development of the proposed program. The structure frame include standards and demand benchmarks such as PUP's Vision and Mission, Goals of the College, Objectives of the Program, CHED and other government agencies, with an institution recognized as COE/COD and other academic institutions with exemplary recognition, with PRC for programs with licensure examinations, with AACCUP and other recognized national and international accrediting bodies, with reputable national and international professional organizations. Likewise, included are Institutional Outcomes, Program Outcomes, Course Outcomes, and Course Design for Learning Environs (Content and Methodologies), Teaching - Learning System, Assessment and Evaluation.

3. *Matrix of Courses Titles and Course Credits of Proposed Curriculum* with existing curriculum, with CHED policies and standards, with an institution recognized as COE/COD, and/or academic institutions with exemplary recognition.

4. *Approved Institutional Outcomes, Proposed Desired Program Outcomes, and Proposed Course Outcome.* The approved Institutional Outcomes (IOs) are descriptions of the attributes of ideal graduates based on the vision and mission of the institution. IOs are institutional goals, too. These approved IOs are used as bases for developing Program Outcomes (POs). The proposed POs are sets of competences that all learners are expected to demonstrate after graduation. CHED's new PSC reflects the minimum program outcomes. The proposed Course Outcomes (COs) refer to knowledge, values, and skills all learners are expected to demonstrate at the end of the course.

4|Curriculum Development Guidelines



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5. *Proposed Curriculum Map*. It is the design of the degree program that will try to achieve the POs. It is a matrix display of the courses of the proposed program and its proposed program outcomes (POs) per year level. The following legends may be used to correlate the outcomes and the courses:

- L – Learned in the course;
- P – Practiced in the course; and
- O – Opportunity to learn or practice in the course, not yet learned or practiced.

Or,

- I – Introduce;
- P – Practice skills with supervision; and
- D – Demonstrate skills without supervision.

It must also take into consideration the following:

- correct sequencing of courses;
- minimize student overloading of courses per semester;
- maximum contact time with student is 6 – 7 hours per day at 4 – 5 days per week;
- repositioning of courses is limited to courses offered by the department or college; and
- minimize imbalance of faculty loads

6. Summary of Course Credits categorized in terms of:

- General Education Courses
- Basic/Core/Tool/Technical Courses
- Required/Professional/Major Courses
- Seminar Courses
- Elective Courses, Free Electives and Cognates
- Foreign Language
- Practicum/Thesis/Oral Comprehensive Examination and Synthesis Paper
- Mandated Courses

7. Compilation of OBE Proposed Syllabi

8. Matrix of Changes of Course Titles, Course Credits, Repositioned Courses, Additional Courses, Merged Courses, Deleted Courses, and other forms of changes in the curriculum.

- The proposed curricular program with those abovementioned documents must be presented to the CCEC.

Level 2 The COLLEGE CURRICULUM EVALUATION COMMITTEE

- The College Curriculum Evaluation Committee (CCEC) is chaired by the Dean whom shall appoint the members of the CCEC.
- The CCEC must review and enhance the proposed curriculum submitted by DCEC.
- The proposed curricular program must be submitted by CCEC to QAC for review.

5 | Curriculum Development Guidelines



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Level 3 The QUALITY ASSURANCE CENTER

- The proposed curricular program must be evaluated by the QAC.
- The proposed curricular must be endorsed to the UCEC for further review and appropriate action.
- The documents of the proposed curricular program must be reviewed by the QAC before the oral presentation in the UCEC.

Level 4 The UNIVERSITY CURRICULUM EVALUATION COMMITTEE

- The University Curriculum Evaluation Committee (UCEC) is chaired by the Vice President for Academic Affairs. Members are the Deans of the Graduate School, and the different Colleges, Directors of the different branches/extensions, Director of Budget, Director of the Library and Learning Resource Center, and the Assistant to the VPAA. The Director of the Quality Assurance Center shall be the Secretary.
- The UCEC must review and enhance further the proposed curricular program submitted and presented by CCEC.
- The proposed curricular program must be submitted and recommended to the University Academic Council (UAC) for approval.

Level 5 The UNIVERSITY ACADEMIC COUNCIL

- The University Academic Council (UAC) is chaired by the University President.
- The UAC will be the last to review and approve the proposed new curricular programs/ revised curricular programs submitted by UCEC. After approval by the UAC, the proposed curricular program/s will be implemented in the following academic year provided such revised programs entail no additional units or expenses to the University.
- For new programs and revised programs with additional units, the University President will recommend any proposed new curricular program to the Board of Regents (BOR) for approval.
- The BOR-approved new/revised programs shall be implemented the following academic year.

Approved by

DR. SANJAY P. CLAUDIO
Director



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Office of the Vice President for Academic Affairs
QUALITY ASSURANCE CENTER

UNIVERSITY CURRICULUM EVALUATION COMMITTEE
Dr Prudente Room, 4th Floor, S-wing
January 26, 2018

MINUTES OF THE MEETING

Present:

OVPAA, AVP Edelyn M. Mariano	DS Chair/Mercedes Camille Ocampo,
CAL Dean Evangelina S. Seril	DB Prof. Lourdes V. Alvarez
CBA, Dean Raquel G. Ramos	DMS Prof. Patrick John B. Sta. Maria
CCIS Dean Gisela May A. Albano	DB Chair Carmelita P. Mapanao
CS Dean Lincoln A. Bautista	DND Prof. Carmela V. Dellova
CCSD Dean Nicolas T. Mallari	OVPBC AVP Dr. Norberto C. Caturay
COC Dean Edna T. Bernabe	OVPAA Ms. Portia Margarita Reyes
QAC Dr. Frederick O. Ramos	DMS Prof. Kenneth James T. Nuguid
DPS Chair Elizabeth P. Bisa	DND Chair Ma. Esperanza SJ. Lorenzo
DMS Chair Edcon C. Baccay	OVPBC Prof. Sherry Ann Medrano
DC Chair Hilda F. San Gabriel	DPE Chair Cecila M. Rilles
DHRM Chair Cindy F. Soliman	DET Prof. Raymond L. Alfonso
DMM Chair Angelina G. Goyenechea	DEFL Chair Carlos A. Garcia
DHM Chair Jesusa T. Castillo	Maragondon Dir. Denise Abril
DB Chair Ma. Lourdes DP. Garcia	DECE Prof. Geoffery T. Salvador
DA Chair Lilian D. Litonjua for	COC Staff Ms. Herme L. Santos
CAF Dean Sylvia A. Sarmiento	DJ Chair Hemmady Mora
DOA Chair Lolita Abecia	DCS Chair Melvin Roxas
DIT Chair Rachele Nayre	DLIS Chair Flordeliza Alvendia
QAC Ms. Emelie Taton	DCE Chair Ramir Cruz
DCOE Chair Julius Cancino	DEE Chair Vilma Perez
DIE Chair Arvin Jay Austria	DME Edwin Esperanza
DECE Chair Geoffrey Salvador	

- The meeting was called to order by Dir. Sanjay Claudio at 9:00 AM.
- AVPAA Edelyn Mariano led the morning prayer.
- The agenda were presented by Dir Claudio to the members of the Committee and clarified that proposed programs to be presented have new issued Policies, Standards and Guidelines from the Commission on Higher Education. He explained further that there is a need to present these programs due to the forthcoming opening of classes for school year 2018 – 2019 in June 2018. All proposed programs are still to be submitted for approval by the University Academic Council and Board of Regents before implementation.
Dir Claudio reiterated the selected general education elective courses for the outcomes-based curriculum:

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*1-7-17 - Students
1-7-1-4 alumni
1-7-1-3 Industry*



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General Education Elective Courses		
GEED 20013	The Entrepreneurial Mind	CB
GEED 20023	Politics, Governance and Citizenship	CPSPA
GEED 20033	Gender and Society	CSSD
GEED 20043	Philippine Indigenous Community	
GEED 20053	Religions, Religious Experiences and Spirituality	
GEED 20063	Great Books	CAL
GEED 20073	Philippine Popular Culture	CSSD
GEED 20083	Indigenous Creative Crafts	
GEED 20093	Reading Visual Arts	CAL
GEED 20103	Environmental Science	CS
GEED 20113	People and the Earth's Ecosystem	CS
GEED 20123	Human Reproduction	
GEED 20133	Living in the IT Era	CCIS
GEED 20143	Business Logic for BSA and BSMA only	CAL

Agenda	Issues/Recommendation	Decision
College of Engineering		
Program: Bachelor of Science in Civil Engineering (BSCE)		
Presented by: Chair Ramir Cruz		
To present the proposed curriculum for BSCE program for Academic Year 2018	<ul style="list-style-type: none"> Chair Cruz presented two versions of curricula of BSCE program; one straight program and the other with bridge program. Chair Cruz also present a flowchart of the courses of the BSCE program which was commended as innovation by the members of the UCEC. Dir. Claudio reiterated that two (2) Filipino courses of 3 credit units each plus Panitikang Filipino (3 credit units) be added to the General Education Core courses. Included Integrative Courses for Civil Engineering. Included technical and non-technical courses in the BSCE program are compliant and have exceeded with the minimum requirements of CMO 92 s.2017. Advised Chair Cruz to provide the course titles of the different specialization tracks of the BSCE program. 	The proposed curriculum for BSCE program is approved with total of 238 credit units.
College of Engineering		
Program: Bachelor of Science in Railway Engineering Management (BSREM)		
Presented by: Chair Ramir Cruz		

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<p>To present the proposed curriculum for BSRE program for Academic Year 2018</p>	<ul style="list-style-type: none"> ▪ Chair Cruz informed the Committee that Bachelor of Science in Railway Engineering Management (BSREM) program will be renamed as Bachelor of Science in Railway Engineering (BSRE). ▪ He also clarified that BSREM is only offered in PUP and does not have CMO. ▪ General Education Core courses and General Education Elective courses offered are compliant to CMO 20 s. 2013. ▪ Add two (2) Filipino courses of 3 credit units and Panitikang Filipino of 3 credit units. ▪ Chair Cruz was informed to prepare and submit an Executive Summary to the BOR for approval of the revision of BSREM curriculum and renaming of BSREM to BSRE program. 	<p>The proposed curriculum for BSRE program is approved with total of 224 credit units.</p>
<p>College of Engineering</p>		
<p>Program: Bachelor of Science in Computer Engineering (BSCOE)</p>		
<p>Presented by: Chair Julius Cancino</p>		
<p>To present the proposed curriculum for BSCOE program for Academic Year 2018</p>	<ul style="list-style-type: none"> ▪ Chair Cancino informed the Committee that the technical and non technical courses included in BSCOE program are according to the requirements of CMO 87 s. 2017 and has exceeded the minimum requirements of 166 units. ▪ Chair Cancino requested that courses of the BSCOE program be assigned with letter code CMPE not COEN as per recommended in the last COPC visit made by RQAT of the Commission on Higher Education. 	<p>The proposed curriculum for BSCOE program is approved with total of 185 credit units.</p>
<p>College of Engineering</p>		
<p>Program: Bachelor of Science in Electrical Engineering (BSEE)</p>		
<p>Presented by: Chair Vilma Perez</p>		
<p>To present the proposed curriculum for BSEE program for Academic Year 2018</p>	<ul style="list-style-type: none"> ▪ Chair Perez informed the Committee that BSEE program closely followed the requirements of CMO 88 s. 2017 and was benchmarked only with old curriculum. ▪ Chair Perez was asked to explain why 1 unit is added to the 1 unit Computer-aided Drafting course required CHED. ▪ Advised Chair Perez to add integrative course for electrical engineering 	<p>The approval of proposed curriculum for BSEE program was deferred and will be scheduled for another presentation.</p>



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	<ul style="list-style-type: none"> Advised Chair Perez to provide the course titles of the elective courses of the BSEE program. The Committee noted that the presentation of proposed revision of BSEE is not according to the agreed University Curriculum Presentation Guidelines. Advised Chair Perez to present again the revised curriculum together with the inclusion of the recommendations and suggestions made by the Committee. 	
College of Engineering		
Program: Bachelor of Science in Industrial Engineering (BSIE)		
Presented by: Chair Arvin Jay Austria		
To present the proposed curriculum for BSIE program for Academic Year 2018	<ul style="list-style-type: none"> Chair Austria informed the Committee that the revised curriculum was benchmarked only the suggested curriculum in the CMO 96 s. 2017. The Committee noted that the presentation of proposed curriculum is not according to the agreed Guidelines for Presentation of Proposed Curriculum. Delete Strategic Planning and Development is from the list of elective courses since it is one of the listed required professional courses in the CMO 101 s. 2017. Should indicate the number of course credits for lecture and laboratory for Elective course Project Management. 	The approval of the proposed curriculum for BSIE program is deferred and is scheduled for another presentation.
College of Engineering		
Program: Bachelor of Science in Mechanical Engineering (BSME)		
Presented by: Chair Edwin Esperanza		
To present the proposed curriculum for BSME program for Academic Year 2018	<ul style="list-style-type: none"> Chair Esperanza informed the Committee that the revised BSME was benchmarked with the old curriculum, with CHED's suggested curriculum and other universities as well. The technical and non technical courses offered are compliant to CMO 97 s. 2017. The Committee suggested to create additional courses as elective courses. Chair Esperanza informed the Committee that 	The proposed curriculum for BSME program is approved with total of 222 credit units.

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	<p>elective courses were suggested by the graduates and practitioners during the consultation meetings.</p> <ul style="list-style-type: none"> ▪ Add two (2) Filipino courses of 3 credit units each ▪ Reminded Chair Esperanza to include integrative courses in the BSME curriculum for purpose of review of courses. 	
College of Engineering		
Program: Bachelor of Science in Electronics Engineering (BSECE)		
Presented by: Chair Geoffrey Salvador		
<p>To present the proposed curriculum for BSECE program for Academic Year 2018</p>	<ul style="list-style-type: none"> ▪ Chair Salvador informed the Committee that the revised BECE is compliant with CMO 101 s. 2017 was benchmarked with the old curriculum, with CHED suggested curriculum and other universities as well. ▪ The technical and non technical courses offered have exceeded with CMO 97 s. 2017. ▪ The Committee inquired about the availability of faculty and laboratory supplies for the specialization tracks offered. ▪ Chair informed the Committee that courses included in the curriculum were mostly suggested by the graduates and practitioners during the consultation meetings. ▪ General Education Core courses and General Education Elective courses offered are compliant to CMO 20 s. 2013. ▪ Add two (2) Filipino courses of 3 credit units each ▪ Reminded Chair Esperanza to include integrative courses in the BSME curriculum. 	<p>The proposed curriculum for BSECE program is approved with total of 207 credit units.</p>

The meeting was adjourned 6:00PM.



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Office of the Vice President for Academic Affairs
QUALITY ASSURANCE CENTER

Prepared by:

FREDERICK O. RAMOS, PhD
Chief, Curriculum Planning and Development

Attested by:

Dr. SANJAY P. CLAUDIO
Director

6 | Minutes of the Meeting: January 23, 2018



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CERTIFICATION

This is to certify that during the Board of Regents (BOR) Meeting held on March 20, 2017 at the Conference Room, 4th Floor, HED Building, C.P. Garcia Avenue, UP Campus, Diliman, Quezon City, the Board **approved** the following curricula of the College of Engineering for Academic Year 2017-2018 as per Board Resolution No. 100-17-01 of 2017.

- Bachelor of Science in Civil Engineering (BSCE);
- Bachelor of Science in Computer Engineering (BSCpE);
- Bachelor of Science in Electrical Engineering (BSEE);
- Bachelor of Science in Environmental Engineering (BSECE);
- Bachelor of Science in Industrial Engineering (BSIE) and
- Bachelor of Science in Mechanical Engineering (BSME).

WITNESS MY HAND and dry seal this 14th day of July 2017.

ATTY. GARY CAMITAN AURE, MPA
University/ Board Secretary

2nd South Wing PUP A. Mabini Campus Anonas Street, Sta. Mesa, Manila Phone: (Direct Line) 716-63-08
(Trunk Line) 716-78-32 (Local) 265 & 213; website: www.pup.edu.ph e-mail: boardsec@pup.edu.ph

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CERTIFICATION

This is to certify that during the 60th Regular Board of Regents (BOR) meeting held on 16 March 2018 at CHED Conference Room 2, 4th Floor, HEDE Building, C.P. Garcia Avenue, UP Campus, Diliman, Quezon City, the Board approved the Curriculum Revision of the following thirty (30) Programs with existing CHED Memorandum Orders (CMOs):

- BACHELOR OF SCIENCE IN ARCHITECTURE (BSARCH);
- BACHELOR OF SCIENCE IN INTERIOR DESIGN (BSID);
- BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION MAJOR IN HUMAN RESOURCE MANAGEMENT (BSBA-HRM);
- BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION MAJOR IN MARKETING MANAGEMENT (BSBA-MM);
- BACHELOR OF SCIENCE IN ENTREPRENEURSHIP (BSENT);
- BACHELOR OF SCIENCE IN OFFICE ADMINISTRATION (BSOA);
- BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCS);
- BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSIT);
- BACHELOR IN ELEMENTARY EDUCATION (BEEd);
- BACHELOR IN SECONDARY EDUCATION MAJOR IN ENGLISH (BSEd-English);
- BACHELOR IN SECONDARY EDUCATION MAJOR IN FILIPINO (BSEd-Filipino);
- BACHELOR IN SECONDARY EDUCATION MAJOR IN MATHEMATICS (BSEd-Mathematics);
- BACHELOR IN SECONDARY EDUCATION MAJOR IN SOCIAL SCIENCE (BSEd-Social Science);
- BACHELOR IN LIBRARY AND INFORMATION SCIENCE (BLIS);
- POST BACCALAUREATE IN TEACHER EDUCATION (PBTE);



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- BACHELOR OF SCIENCE IN CIVIL ENGINEERING (BSCE);
- BACHELOR OF SCIENCE IN COMPUTER ENGINEERING (BSCoE);
- BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING (BSEE);
- BACHELOR OF SCIENCE IN ELECTRONICS ENGINEERING (BSECE);
- BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING (BSIE);
- BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING (BSME);
- BACHELOR OF PHYSICAL EDUCATION (BPEd);
- BACHELOR OF SCIENCE IN BIOLOGY (BS BIO);
- BACHELOR OF SCIENCE IN CHEMISTRY (BSCHEM);
- BACHELOR OF SCIENCE IN MATHEMATICS (BSMATH);
- BACHELOR OF SCIENCE IN APPLIED MATHEMATICS (BS APPLIED MATH);
- BACHELOR OF SCIENCE IN NUTRITION AND DIETETICS (BSND);
- BACHELOR OF SCIENCE IN ECONOMICS (BSECO);
- BACHELOR OF SCIENCE IN HOSPITALITY MANAGEMENT (BSHM); and
- BACHELOR OF SCIENCE IN TOURISM MANAGEMENT (BSTM)

WITNESS MY HAND and dry seal, this 16th day of March
2018 at the City of Manila, Philippines.

16/03/2018

ATTY. GARY CAMITAN AURE, MPA
University/Board Secretary



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
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- BACHELOR OF SCIENCE IN CIVIL ENGINEERING (BSCE);
- BACHELOR OF SCIENCE IN COMPUTER ENGINEERING (BSCoE);
- BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING (BSEE);
- BACHELOR OF SCIENCE IN ELECTRONICS ENGINEERING (BSEcE);
- BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING (BSIE);
- BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING (BSME);
- BACHELOR OF PHYSICAL EDUCATION (BPed)
- BACHELOR OF SCIENCE IN BIOLOGY (BS BIO);
- BACHELOR OF SCIENCE IN CHEMISTRY (BSCHEM);
- BACHELOR OF SCIENCE IN MATHEMATICS (BSMATH);
- BACHELOR OF SCIENCE IN APPLIED MATHEMATICS (BS APPLIED MATH);
- BACHELOR OF SCIENCE IN NUTRITION AND DIETETICS (BSND);
- BACHELOR OF SCIENCE IN ECONOMICS (BSECO);
- BACHELOR OF SCIENCE IN HOSPITALITY MANAGEMENT (BSHM); and
- BACHELOR OF SCIENCE IN TOURISM MANAGEMENT (BSTM)

WITNESS MY HAND and dry seal this 16th day of March 2018 at the City of Manila, Philippines.

ATTY. GARY CAMITAN AURE, JMPA
University/ Board Secretary

Page 2 of 2

2nd Floor, South Wing-Main Building, PUP, A. Mabini Campus Anonas Street, Sta. Mesa, Manila Phone: (Direct Line)
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CERTIFICATION

This is to certify that during the 132nd Regular Board of Regents (BOR) Meeting held on 18 March 2011 at CHED Conference Room, 4th Floor, HEDC Building, C.P. Garcia Avenue, UP Campus, Diliman, Quezon City, the Board **approved** the following revised curricula of the College of Engineering for Academic Year 2010-2011 as per Board Resolution No. 813, Series of 2011.

- Bachelor of Science in Civil Engineering (BSCE);
- Bachelor of Science in Computer Engineering (BSCpE);
- Bachelor of Science in Electrical Engineering (BSEE);
- Bachelor of Science in Electronics Engineering (BSECE);
- Bachelor of Science in Industrial Engineering (BSIE) and
- Bachelor of Science in Mechanical Engineering (BSME).

WITNESS MY HAND and dry seal this 14th day of July 2017.


ATTY. GARY CAMITAN AURE, MPA
University/ Board Secretary

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CERTIFICATION

This is to certify that during the 160th Regular Board of Regents (BOR) Meeting held on 16 March 2018 at CHED Conference Room 2, 4th Floor, HEDE Building, C.P. Garcia Avenue, UP Campus, Diliman, Quezon City, the Board approved the Curriculum Revision of the following Thirty (30) Programs with existing CHED Memorandum Orders (CMOs):

- BACHELOR OF SCIENCE IN ARCHITECTURE (BSARCH);
- BACHELOR OF SCIENCE IN INTERIOR DESIGN (BSID);
- BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION MAJOR IN HUMAN RESOURCE MANAGEMENT (BSBA-HRM);
- BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION MAJOR IN MARKETING MANAGEMENT (BSBA-MM);
- BACHELOR OF SCIENCE IN ENTREPRENEURSHIP (BSENT);
- BACHELOR OF SCIENCE IN OFFICE ADMINISTRATION (BSOA);
- BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCS);
- BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSIT);
- BACHELOR IN ELEMENTARY EDUCATION (BEEd);
- BACHELOR IN SECONDARY EDUCATION MAJOR IN ENGLISH (BSEd-English);
- BACHELOR IN SECONDARY EDUCATION MAJOR IN FILIPINO (BSEd-Filipino);
- BACHELOR IN SECONDARY EDUCATION MAJOR IN MATHEMATICS (BSEd-Mathematics);
- BACHELOR IN SECONDARY EDUCATION MAJOR IN SOCIAL SCIENCE (BSEd-Social Science);
- BACHELOR IN LIBRARY AND INFORMATION SCIENCE (BLIS);
- POST BACCALAUREATE IN TEACHER EDUCATION (PBTE);