



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

**Polytechnic University of the Philippines**  
COLLEGE OF ENGINEERING  
DEPARTMENT COMPUTER ENGINEERING

**Vision**  
Clearing the paths while laying new foundations to transform the Polytechnic University of the Philippines into an epistemic community.

**Mission**  
Reflective of the great emphasis being given by the country's leadership aimed at providing appropriate attention to the alleviation of the plight of the poor, the development of the citizens, and of the national economy to become globally competitive, the University shall commit its academic resources and manpower to achieve its goals through:

- o Provision of undergraduate and graduate education which meet international standards of quality and excellence;
- o Generation and transmission of knowledge in the broad range of disciplines relevant and responsive to the dynamically changing domestic and international environment;
- o Provision of more equitable access to higher education opportunities to deserving and qualified Filipinos; and
- o Optimization, through efficiency and effectiveness, of social, institutional, and individual returns and benefits derived from the utilization of higher education resources.

**Goals**

1. Provide quality education through instruction, advance research and extension services.
2. Produce world-class professionals as potential industry leaders and job providers.
3. Develop and produce facilities through the use of adapted technology and indigenous materials.
4. Maintain, upgrade or improve facilities through the applications of engineering technology.

**Objectives**

1. Strengthen the Bachelor of Science in Computer Engineering program consistent with global trends;
2. Develop the critical thinking and communication skills of students, giving emphasis to research and extension services;
3. Enhance the competencies of students to evaluate, assess, design and operate safe, effective, economically-efficient and environmental friendly computer-based systems;
4. create a conducive teaching and learning atmosphere with emphasis to Bachelor of Science in Computer Engineering faculty and students' growth and academic freedom;
5. establish network with educational institutions, industries, GO's and NGO's, local and international, which could serve as:
  - a. Funding sources and/or partners of researches;
  - b. Sources of new technology;
  - c. Centers for faculty and students' exchange programs and on-the-job trainings; and
  - d. Grantees of scholarship/additional facilities.

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6. conduct continuity action researches on the needs of laboratory and other facilities that could be locally produced or innovated using local materials and adapted technology.
7. equip graduates with appropriate knowledge and technical skills imbued with desirable work attitudes and moral values, through enhanced teaching/learning process by using multimedia facilities on top of traditional methods;
8. develop faculty as competent teachers and quality researchers through advanced studies and other facets of continuing professional education

<b>COURSE TITLE</b>	Computer Engineering as a Discipline
<b>COURSE CODE</b>	CMPE 3601T
<b>CREDIT UNITS</b>	7 UNIT
<b>COURSE PREREQUISITE</b>	
<b>COURSE DESCRIPTION</b>	This course discusses the curriculum for Computer Engineering as well as how to prepare students for success through engineering design process, ethical decision-making, teamwork, and communicating to diverse audiences.

Institutional Learning Outcomes	Program Outcomes	Course Outcomes
<p><b>1. Creative and Critical Thinking</b>            Graduates use their imaginative as well as a rational thinking ability to life situations in order push boundaries, realize possibilities, and deepen their interdisciplinary and general understanding of the world.</p> <p><b>2. Effective Communication</b>            Graduates are proficient in the four major skills in communication (reading, writing, listening, and speaking) and are able to use these skills in solving problems, making decisions, and articulating thoughts when engaging with people in various circumstances.</p> <p><b>3. Strong Service Orientation</b>            Graduates exemplify the potentialities of an efficient, well-raised and responsible professional deeply committed to service excellence.</p> <p><b>4. Community Engagement</b>            Graduates take an active role in the promotion and fulfillment of various advocacies (educational, social and environmental) for the advancement of community welfare.</p> <p><b>5. Aptness in the Responsible Use of Technology</b>            Graduates demonstrate optimized use of digital learning abilities, including technical and managerial skills.</p> <p><b>6. Passion to Lifelong Learning</b>            Graduates are enabled to perform and function in the society by taking responsibility in their quest to know more about the world through lifelong learning.</p> <p><b>7. High Level of Leadership and Organizational Skills</b>            Graduates are developed to become the best professionals in their respective disciplines by mastering the appropriate skills and leadership qualities.</p> <p><b>8. Sense of Personal and Professional Ethics</b>            Graduates show desirable attitudes and behavior either in their personal and professional circumstances.</p> <p><b>9. Sense of National and Global Responsiveness</b></p>	<p>By the time of graduation, the students of the program shall have the ability to:</p> <p>a) Apply knowledge of mathematics and science to solve complex engineering problems;</p> <p>b) Design and conduct experiments, as well as to analyze and interpret data;</p> <p>c) Design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability, in accordance with standards;</p> <p>d) Function on multidisciplinary teams;</p> <p>e) Identify, formulate, and solve complex engineering problems;</p> <p>f) Understanding of professional and ethical responsibility;</p> <p>g) Communicate effectively;</p> <p>h) Broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;</p> <p>i) Recognition of the need for, and an ability to engage in lifelong learning;</p> <p>j) Knowledge of contemporary issues;</p> <p>k) Use techniques, skills, and modern engineering tools necessary for engineering practice and</p> <p>l) Knowledge and understanding of engineering and management principles as a member and leader in a team, to manage projects and in multidisciplinary environments.</p>	<p>After completing the course, the student must be able to:</p> <ul style="list-style-type: none"> <li>• Prepare students for the rigor of future engineering classes</li> <li>• Provide students with a solid foundation of basic engineering skills.</li> <li>• Introduce students to the different engineering majors and career options</li> <li>• Familiarize the students with the details of the curriculum they'll be pursuing</li> </ul>

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Graduates' deep sense of national commitment the need to live in a global village where one's culture and other people's culture are respected.

Course Plan					
Week	Topic	Learning Outcomes	Methodology	Resources	Assessment
	Class orientation with Vision, Mission, Goal and Objective  Discussion of course goals, expected outcomes, course policies and grading system  Assigning of Groups and Officers	Familiarize student on Outcome-Based Education  Orient the student on the course syllabus, grading system and classroom rules	Orientation  Review of the syllabus, learning activities and assessment  Getting to know activity  Ice breaker activity	Course Syllabus  <a href="https://www.pup.edu.ph">https://www.pup.edu.ph</a>	None
1	<b>CpE Curriculum</b> <ul style="list-style-type: none"> <li>The 2018 Revised BS CpE Curriculum</li> <li>BS CpE Program Outcomes</li> <li>Target Job and Career Opportunities</li> <li>Grading Systems</li> <li>Graduation Requirements</li> </ul>	Introduce the world of Computer Engineering of PUP to the students	Lecture/Discussion  Recitation  Reporting	CpE Curriculum  <a href="https://www.pup.edu.ph">https://www.pup.edu.ph</a>	Quiz  Homework
2	<b>CpE Curriculum</b> <ul style="list-style-type: none"> <li>Tracks of Specialization</li> <li>Elective Subjects</li> <li>The coeinfo.com portal</li> <li>The CISCO Network Accounts</li> <li>Retention Policy</li> <li>CpE Practice and Design Policy</li> </ul>	Familiarize students to subjects, pre-requisites, requirements, etc. of the course.	Lecture/Discussion  Recitation  Reporting	CpE Curriculum <a href="https://www.pup.edu.ph">https://www.pup.edu.ph</a>	Quiz  Homework



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Consultation Time			
As indicated on the approved Teaching Assignment of the concern faculty and posted on the Department's Bulletin Board			
Revision History			
Revision Number	Description of Change	Effective Date	Approved by:
2.0	Call Syllabus Format and Contents	June 17, 2018	
Prepared by:	Date:	Reviewed by:	Date:
 Engr. Juana B. Canino Permanent Faculty  Engr. Rodrigo M. Tenavla, Jr. Permanent Faculty  Dr. Antonio T. Velasco Permanent Faculty  Engr. Florinda H. Quinsob Permanent Faculty		 Engr. Juana B. Canino Chairperson, C&E Department	
Noted by:	Date:		
 DR. REMEDIOS B. ADDO Dean, College of Engineering			
Approved by:	Date:		
DR. MANUEL M. BUIY Vice-President, Academic Affairs			

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**SEMINARS/WORKSHOPS/TRAINING RELEVANT TO THE PROGRAM ATTENDED BY THE FACULTY**

Seminar/Training	Inclusive Dates	Venue	Sponsoring Agency	Faculty-Participant
<b>A. International</b>				
Educational Visit and Meeting with the Officials and Staff	10/10/2018	Ho Chi Minh City Open University	Ho Chi Minh City Open University	Mahaguay, Rolito L. Tenente Jr., Pedro M.
17 <sup>th</sup> Leadership and Management of Change for Development Managers: The Bridging Leadership approach	11/5/2017 to 11/9/2018	Asian Institute of Management Stephen Zouli Graduate School of Development Management	Asian Institute of Management Makati City	Artibolo, Edel B.
2 <sup>nd</sup> International Conference on Innovative Research in Science, Technology and Management (ICIRSTM-18)	9/29/2018 to 9/30/2018	National University of Singapore	International Institute of Research and Journals (IJRAJ) and Institute of Research and Publication (IRP)	Mahaguay, Rolito L. Tenente Jr., Pedro M.
Woodstock Philippines 2018	4/25/2018 to 4/27/2018	Manila Hotel	Nephila Web Technology Inc.	Tenente Jr., Pedro M.
The 3 <sup>rd</sup> International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment, and Management	11/29/2017 to 12/1/2017	Hotel Jen Manila, Pasay City	IEEE HNCCEM 2017	Dele Cruz, John R.
The 7 Habits of Highly Effective People Education Version	11/19/2016	Teach for the Philippines Makati City	FranklinCovey	Artibolo, Edel B.
Academic Teaching Excellence Course	9/18/2016	British Council in the Philippines Ortigas Center, Pasig City	British Council in the Philippines	Caesine, Julius S. Mahaguay, Rolito L. Tenente Jr., Pedro M.
6 <sup>th</sup> Global Congress & Conference Ceremony New Paradigm of Leadership in Business & Industry, Education, and Public Administration	12/1/2015	Manila Pavilion Hotel	Royal Institution Singapore Royal Institution, Philippines	Tenente Jr., Pedro M.

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IGNITE Asia Pacific	10/10/2015 to 10/10/2015	Cassia Business Park, Bangalore, India	Oracle (Philippines) Corporation	Legarda, Mary Ann V.
e-CASE & e-Tech 2015 - Fall 2015 International Conference and e-Commerce, e-Administration, e-Society, e-Education, and e-Technology	9/8/2015 to 9/10/2015	Kyoto, Japan	Meiji University, Japan National Institute of Technology, Fukuoka College, Japan Shih Chien University, Taiwan Knowledge Association of Taiwan (KAT) International Business Academics Consortium (IBAC)	Ado, Remedios G.
5th Global Congress & Conference Celebrating ASEAN Integration: Impact on Business & Industries, Education, and Public Administration	6/5/2015	Century Park Hotel, Manila	Royal Institution Singapore Royal Institution, Philippines	Tenerife Jr., Pedrito M.
International Gendered Development Intervention Conference: Focus on Disaster Risk Reduction Management and Climate Change Adaptation	5/21/2015 to 5/23/2015	College of Engineering Amphitheatre, MSU-Iligan Institute of Technology, Iligan City	Iligan Institute of Technology	Tenerife Jr., Pedrito M.
Sender Sales Skills Foundation Workshop	12/16/2014 to 12/17/2014	Singapore	Oracle (Philippines) Corporation	Legarda, Mary Ann V.
4th Global Congress & Conference Celebrating "ASEAN Integration 2015: Challenges & Directions on Business & Industry, Education, and Public Administration"	11/26/2014	Manila Hotel	Royal Institution Singapore Royal Institution, Philippines	Ado, Remedios G.
Hardware Immersion Training (System I, 20)	8/21/2014 to 8/22/2014	Singapore	Oracle (Philippines) Corporation	Legarda, Mary Ann V.
ASHRAE Region III 17th Chapter Regional Conference	8/15/2014	Howard Plaza Hotel, Taipei, Taiwan	American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)	Ado, Remedios G.
2014 International Conference on Information Security and Artificial Intelligence	3/21/2014 to 3/25/2014	Hanoi, Vietnam	Science and Engineering Institute Hanoi, Vietnam	Ado, Remedios G.

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Renewables Roadmap Assessment Workshop for Mainstreaming Renewables in the Philippines	10/23/2014 to 10/23/2014	3 <sup>rd</sup> Floor Oakwood Premier JCY-INDUSTALG Center Manila, 17 ADB Avenue, Ortigas Center, Pasig	Department of Energy International Renewable Energy Agency (IRENA) Deutsche Gesellschaft for Internationale Zusammenarbeit (GIZ)	Tubola, Orland D.
<b>B. National</b>				
	4/22/2019 to 4/26/2019		CISCO Networking Academy	Ado, Remedios G. Fernando, Ronald B. Reyes, Lutzer U.
CCNA R8: Routing and Switching Essential Training	4/1/2019 to 4/5/2019	De La Salle University - Dasmariñas	CISCO Networking Academy	Carino, Julius S. Natividad, Ferdinand D. Tenerito, Pacito Jr., M.
Data Brew 2: Data Science Kapitan	03/14/2019	SGV Development Center, STI Holdings Building Ayala Ave., Legaspi Village, Makati City	Advanced Science and Technology Institute	Reyes, Lutzer U. Tenerito, Pacito Jr., M.
OCHA Cybersecurity Operations Instructors Training	2/4/2019 to 2/5/2019	Mapua University	CISCO Networking Academy	Carino, Julius S. Dela Cruz, John R. Reyes, Lutzer U. Velasco, Antonio Y.
TamKalinang's Web Frameworks Seminar and Workshop	02/07/2019	General Access Laboratory, FEU Institute of Technology	FEU Institute of Technology	Mataguing, Rolito L. Tenerito, Pacito Jr., M.
Cisco NetAcad-PH Instructor's Conference 2019	11/15/2019 to 11/17/2019	Azales Residences, Baguio City	CISCO Networking Academy	Ado, Remedios G. Carino, Julius S. Natividad, Ferdinand D. Pejebera, Orlando V. Velasco, Antonio Y.

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4 <sup>th</sup> ICpEP National Convention "Enhancing Computer Engineers' Capability Towards 4 <sup>th</sup> Industrial Revolution and Technology Business Incubation"	11/26/2018 to 11/29/2018	Hotel Supreme Convention Plaza, Baguio City	Institute of Computer Engineers of the Philippines (ICpEP)	Carolina, Julius S. Mahagay, Rolito L. Natividad, Ferdinand O. Pajobera, Orlando V. Tenerife Jr., Pedro M. Velasco, Antonio Y.
API-JEC International Conference on Educational Frontiers 2018	10/3/2018 to 10/5/2018	Ateneo Self Institute	Ateneo de Manila University	Artificio, Edsal B.
JamKalinagan: Seminar & Workshop on FPGA Based and VHDL Programming	6/21/2018	FEU Institute of Technology	FEU Institute of Technology Computer Engineering Department	Ado, Remedios G. Carolina, Julius S. Mahagay, Rolito L. Pajera, Lutrer U. Tenerife Jr., Pedro M.
MMIEERDC Proposal Writeshop and Packaging	5/21/2018 to 5/22/2018	Polytechnic University of the Philippines	Metropolitan Manila Industry, Energy and Emerging Technology Research and Development Consortium (MMIEERDC) and Department of Science and Technology	Carolina, Julius S. De La Cruz, Aniel R. Tenerife Jr., Pedro M.
2018 MMIEERDC Strategic Planning	4/17/2018 to 4/18/2018	Polytechnic University of the Philippines	Metropolitan Manila Industry, Energy and Emerging Technology Research and Development Consortium (MMIEERDC) and Department of Science and Technology	Carolina, Julius S.
CCNA Routing & Switching Track Module 2: IP Routing	2/5/2018 to 2/7/2018	PUP College of Engineering and Architecture	SMART Communications, Inc.	Ado, Remedios G. Carolina, Julius S. De La Cruz, Aniel R. Lorico, Julian Jr. L. Mahagay, Rolito L. Natividad, Ferdinand O. Pajobera, Orlando V.

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				Rodriguez, Joshua Benjamin B. Tenerillo Jr., Pedro M. Velasco, Antonio Y.
IP National Computer Research & Engineering Symposium "Immersive Technology Knowledge Into Your Perspective"	1/25/2018 to 1/27/2018	Bulwagang Dalagtas, Ninoy Aquino Library and Learning Resource Center	PUP Computer Engineering Department	Ado, Ramonico G. Cansino, Julius B. De La Cruz, Arvin R. Lolico, Julie Jr. L. Mahaguiy, Rolito L. Natividad, Ferdinand O. Natividad, Mark Kevin Z. Pujabana, Orlando V. Rayas, Lator U. Rodriguez, Joshua Benjamin B. Sawi, Christopher M. Tenerillo Jr., Pedro M. Velasco, Antonio Y.
IEEEP 57 <sup>th</sup> AGM & National Convention	11/03/2017 to 11/05/2017	Sabtic Bay Inseport Zone	Institute of Electronics Engineers of the Philippines, Inc.	DeLa Cruz, John R.
IEEEP National Convention 2017	11/21/2017 to 11/24/2017	Casablanca Hotel/ Convention Center Legazpi City, Albay	Institute of Computer Engineers of the Philippines (ICPEP)	Cansino, Julius B. Natividad, Ferdinand O. Tenerillo Jr., Pedro M. Velasco, Antonio Y.
Data, Connectivity, and Intelligence: Data Science Track of the Data Science Course Under Courses	10/9/2017 to 3/29/2018	Heritage Hotel/ Manila	Department of Science and Technology/PCIEERD and MOOCs.PH	Artificio, Edcar B.
Training-Workshop on Outcomes-Based Quality Assurance	10/9/2017 to 10/11/2017	Allamby Center, Tarlac State University-Lucena Campus Tarlac City	The Accrediting Agency of Chartered Colleges and Universities in the Philippines, Inc.	Tenerillo Jr., Pedro M.

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2017 SWEEP Faculty Immersion Program	7/24/2017 to 8/4/2017	SMART Office, 2F PLD7 Grace Park Building, 2nd St. cor. 11th Ave., Cebu City	SMART Communications Inc.	Pangilinan, Kerstin D.
Digital Logic Circuit SIMTEL, Software Oscilloscope	6/20/2017	PUP, CEA Bldg	Hamil International Corporation	Ado, Remedios G. Artificio, Edel B. Cansino, Julius S. Dele Cruz, Arvin R. Mahaguay, Rolito L. Reyes, Lutzer U. Rodriguez, Joshua Benjamin B. Tenerite Jr., Pedro M.
Junior Researchers Proposal Writing Workshop	5/10/2017 to 5/12/2017	CRD Conference Room CS Annex, Adnanson University	Metropolitan Manila Industry and Energy Research and Development Consortium (MIME/RC)	Tenerite Jr., Pedro M. Tubola, Orland D.
10th Annual Research Awards	3/6/2017 to 3/10/2017	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	PUPDOST	Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Tenerite Jr., Pedro M. Tubola, Orland D.
Higher Education Institution Community Extension Forum 2016	12/2016	Century Park Hotel Manila	PUP Extension Management Office	Tenerite Jr., Pedro M.
2016 ICPEP National Convention, 4th ICPEP National Conference on Computer Applications, Innovations, Technologies and Engineering (CAITE 2016) and National CPE Student Challenge	11/23/2016 to 11/26/2016	Positivist Hotel Limketkai Center, Cagayan de Oro City	Institute of Computer Engineers of the Philippines, Inc.	Ado, Remedios G. Mahaguay, Rolito L. Tenerite Jr., Pedro M. Velasco, Antonio Y.
Software Freedom Day "Internet of Things"	8/14/2016	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	ELayer Technologies, Inc.	Ado, Remedios G. Artificio Edel B. Cabrera, Kevin Michael A. Carlos, Athani B.

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				Cansino, Julius S. Khan, Ma. Leona S. Lortco Jr., Julian L. Madrigalejos, Corilo C. Mahaguay, Rolito L. Malgas, Chenna A. Natividad, Ferdinand O. Natividad, Mark Kevin Z. Oquindo, Florinda H. Pajobera, Orlando Y. Reyes, Lutzar U. Rodriguez, Justus Benjamin B. Saki, Christopher M. Serviso, Azelle C. Tanerito Jr., Pacito M. Tubola, Orland D.
Halal ng Agham at Teknikolohiya Kaunlaran ng Boswari Isla	6/29/2016	Widus Hotel, Clarkfield Pampanga	DOST-PCIEERD	Tanerito Jr., Pacito M. Tubola, Orland D.
The Internet of Things Technation Career	6/23/2016	Clara M Recto Hall	BLAYER & Computer Engineering Department	Tanerito Jr., Pacito M. Tubola, Orland D.
Instrumentation Technical Training	5/11/2016 to 6/01/2016	Emerson, North Edge	Emerson / US STRIDE	Cansino, Julius L.
#Presentationalacks: Effective Presentation Skills	3/6/2016	De La Salle University, Manila	De La Salle University	Data Cruz, John R.
IDIA Entrepreneurship Workshop 2016	2/15/2016 to 2/21/2016	Asian Institute of Management, Makati City	Philippine Development Foundation (PhiDev)	Ado, Ramedico G. Tanerito Jr., Pacito M.

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C. Regional				
2018 ICPEP NCR First Consultative Assembly	FEU Institute of Technology	FEU Institute of Technology	Institute of Computer Engineers of the Philippines (ICPEP) - NCR	Ado, Remedios G. Coronido, Julius S. Tenerife Jr., Pedro M.
2017 ICPEP NCR National Convention	10/9/2017	Technological Institute of the Philippines, Quezon City	Institute of Computer Engineers of the Philippines (ICPEP) - NCR	Mahagway, Rolito L. Tenerife Jr., Pedro M.
Training-Workshop on Writing and Presenting Research Proposals towards Building Science Culture in National Capital Region	3/15/2017 to 2/17/2017	Hotel Jen, Pasay City	National Academy of Science and Technology Department of Science and Technology Outstanding Young Scientists, Inc.	Tenerife Jr., Pedro M.
Electronics Engineers in a Digitally-Transformed Nation	5/24/2016 to 5/25/2016	National Telecommunications Commission	Institute of Electronics Engineers of the Philippines, Inc. – Quezon City Chapter	Delo Cruz, John R.
IP PMP Review Course	4/11/2016 to 4/15/2016	Discovery Suites, 25, ADB Avenue, Ortigas Center, Pasig City	Project Management Institute Philippines Chapter	Royas, Luzter U.
ASEAN Citation Index(JCI) Editors Workshop	4/1/2016	Milks Hotel and Casino, Alcazar Blvd, Pasay City	Commission on Higher Education	Tubola, Orland D.
OP Annual Research Awards	3/10/2016 to 3/11/2016	Cleo M. Rivas Hall PUP Manila	PUP/DOST	Ado, Remedios G. Mahagway, Rolito L. Tenerife Jr., Pedro M. Tubola, Orland D.
Navigating New Directions for the Electronics Engineers	11/27/2015 to 11/28/2015	Institute of Electronics Engineers of the Philippines, Inc. – Quezon City Chapter	National Telecommunications Commission	Delo Cruz, John R.

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D. Local/Institutional				
CHED Policies, Standards, & Programs on Quality Assurance	03/18/2019	Bulegang Bonifacio, Ninoy Aquino Library and Learning Resource Center	PUP Quality Assurance Center	Ado, Remedios G. Carasco, Julius S. Pajobera, Orlando V. Mahagay, Rolito L. Tenorio, Pedro Jr., M.
HWANG 101: Stop, Look, Listen	03/15/2019	Bulegang Bonifacio, Ninoy Aquino Library and Learning Resource Center	PUP GAD Focal Point System	Mahagay, Rolito L. Tenorio, Pedro Jr., M.
Transforming Lives and Societies Through Exemplary Alternative Learning	03/02/2019	Bulegang Bonifacio, Ninoy Aquino Library and Learning Resource Center	Open University System	Ado, Remedios G. Mahagay, Rolito L. Tenorio, Pedro Jr., M.
Time and Workload Management Skills	02/14/2019	Ninoy Aquino Library and Learning Resource Center Multimedia Room	Open University System	Ado, Remedios G. Mahagay, Rolito L.
2019 Assessment and 2019 Planning	12/13/2018 to 12/14/2018	Ninoy Aquino Library and Learning Resource Center Multimedia	PUP Open University System	Ado, Remedios G. Mahagay, Rolito L. Tenorio Jr., Pedro M.
Divergent: Our Differences Makes Us Stronger	10/24/2018	Ninoy Aquino Library and Learning Resource Center Multimedia	PUP Open University System	Ado, Remedios G. Mahagay, Rolito L. Tenorio Jr., Pedro M.
Training-Workshop For ETEEP and NTSP Assessors	8/29/2018	ICTD Laboratory Phase 2 Ninoy Aquino Library and Learning Resource Center	PUP Open University System	De La Cruz, Arnie R. Tenorio Jr., Pedro M.
ES Awareness Orientation	7/19/2018	PUP BPO Plenary Hall	Office of the VP for Research, Extension and Development	Mahagay, Rolito L.
Starting Strong: The Head, Heart, Hands, and Habits of an Achiever!	6/22/2018 to 6/23/2018	PUP Heerin Hotel	Office of the Vice President for Academic Affairs	Ado, Remedios G. Carasco, Julius S.

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				Mahaguay, Rolito L. Tenerife Jr., Pedro M. Velasco, Antonio Y.
Distance Educator's Role in the Global Learning Community	3/15/2018	Bulewagang Balagtas, Ninoy Aquino Library and Learning Resource Center	PUP Open University	Ado, Remedios G. Tenerife Jr., Pedro M.
Research Publications and Reviewing in High-Ranking International Journals and Proceedings for Engineering Professionals and Students: The Asian and Philippine Context	2/17/2018	Bulewagang Andres Bonifacio, Ninoy Aquino Library and Learning Resource Center	PUP OVPAA and College of Engineering	Mahaguay, Rolito L.
College of Engineering Research Capability Training Seminar	11/25/2017	PUP College of Engineering and Architecture	OVPRED & College of Engineering	Ado, Remedios G. Cansino, Julius S. De La Cruz, Arin R. Loico, Julian Jr. L. Mahaguay, Rolito L. Natividad, Ferdinand O. Pajares, Orlando V. Rodriguez, Joshua Benjamin B. Tenerife Jr., Pedro M. Velasco, Antonio Y.
2017 PUP Open University System Graduate Research Conference	9/10/2017	PUP BPC Center, Pureza Street, Sta. Mesa, Manila	Open University System	Tenerife Jr., Pedro M.
Orientation on CHED Research and Extension Priorities	9/1/2017	Bulewagang Andres Bonifacio, Ninoy Aquino Library and Learning Resource Center	PUP VPREP - REMO	Cansino, Julius S. Tenerife Jr., Pedro M.
Calculating Impacts from Earthquakes, Severe Wind, and Flood Hazards	6/30/2017	Clara M Recto Hall	PUP VPREP	Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Natividad, Ferdinand O. Quindo, Florinda H. Tenerife Jr., Pedro M.

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				Welasco, Antonio Y.
Expanded Tertiary Education Equivalency and Accreditation Program (ETEEP)/Non-Traditional Study Program Tubing & Evaluation Process	8/23/17 to 8/24/17	ICT Center, Ninoy Aquino Library and Learning Resource Center	PUP Open University	Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Lorico, Julian Jr. L. Rodriguez, Joshua Benjamin B. Tenerife Jr., Pedro M.
OUS Course Specialists and Staff Development	7/23/2017	Buwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	OUS-IOOE	Tenerife Jr., Pedro M.
Biochemical Characteristics of Selected Ilocos Province Beaches	4/17/2017	Claro M Neco Hall	PUP VPREPD	Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedro M. Tubala, Orland D.
Capacitive Deterioration: Phenolox Studies and Hands-on Demonstration	4/17/2017	Claro M Neco Hall	PUP VPREPD	Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedro M. Tubala, Orland D.
Stoichiometry of Trace elements in the Bering Sea	4/3/2017	Buwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	PUP VPREPD	Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedro M. Tubala, Orland D.
Principles of Capacitive Deterioration: An Environmentally-Friendly Water Purification Technique	4/3/2017	Buwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	PUP VPREPD	Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedro M. Tubala, Orland D.
Information Security	3/18/2017	College of Engineering Bldg.	Computer Engineering Department	Ado, Remedios G. Cabrera, Kevin Michael A. Cecoga, Vincent A. Delos Reyes, Norman David F. Legarda, Mary Ann Y.

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				Lorico, Julian Jr. L. Maigao, Chienne A. Manalo, Rico M. Natividad, Mark Kevin Z. Pangilinan, Kenubin Roxas, Luzer U. Sawi, Christopher M. Teneble Jr., Pedro M. Triñ, Roman Angelo Velasco, Antonio Y.
Systems, Applications and Products (SAP) in Data Processing	3/18/2017	College of Engineering Bldg.	Computer Engineering Department	Artiles, Edcel B. Cortez, Alvaro B. Cubiz, Elmer Jr. S. Chin, Frank Anthony R. Fernando, Rosal D. Lipayan, Michael Angelo D. Madrigales, Danilo C. Muhagay, Rolito L. Natividad, Ferdinand O. Opulido, Florinda H. Rejerson, Orlando V. Rodriguez, Joshua Benjamin B. Serviano, Azelle C. Tabola, Orland D. Valentino, Jerrar R. Verzo, Allan B.
Seminar on Intellectual Property	12/12/2016 to 12/15/2016	ICTO Lab, Phase 1 Ninoy Aguino Library and Learning Resource Center	PUP VP/REPO Intellectual Property Management Office	Carredo, Julius S. Muhagay, Rolito L. Teneble Jr., Pedro M.
QS Year-End 2016 Assessment and 2017 Action Planning "Expanding the Possibilities for Graduate School and Upholding the PUP Vision"	12/13/2016	Cebu Room PUP Harbin Hotel	PUP OVPAA Graduate School	Ado, Remedios G.

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Professorial Chair Lecture "Earthquake Hazards and Risk Assessment"	11/15/2016	Bulwagang Bonifacio Hall Ninoy Aquino Library and Learning Resources Center	Institute for Science and Technology Research Center for Engineering and Technology Research	Ado, Remedios G. Natividad, Ferdinand O. Tubola, Orland D.
Research Colloquium in Computing for Faculty and Students "Competing Innovations Toward Mitigation of Societal Challenges"	5/17/2016	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	Institute for Science and Technology Research in collaboration with College of Computer and Information Sciences and United States Agency for International Development	Ado, Remedios G. Cansino, Julius S. Lorico Jr., Julian L. Madrugaletos, Donilo C. Mahaguay, Rolito L. Natividad, Ferdinand O. Oquindo, Florida H. Reyes, Lutzer U. Sawi, Christopher M. Tenerife Jr., Pedro M.
College of Engineering General Faculty Assembly	6/28/2016	CEA AVR	CE Faculty Club	Ado, Remedios G. Cansino, Julius S. Fernando, Ronald D. Mahaguay, Rolito L. Natividad, Ferdinand O. Oquindo, Florida H. Reyes, Lutzer U. Tenerife, Pedro M. Tubola, Orland D.
K-12 Training	5/16/2016 to 5/29/2016	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	PUP SHS	Mahaguay, Rolito L.
CE Faculty Development Seminar Series	5/13/2016 to 5/14/2016	Tanzaan City Balangas	CE Faculty Club	Canlas, Aileen B. Cansino, Julius S. Lorico, Julian Jr. L. Mahaguay, Rolito L. Natividad, Ferdinand O. Oquindo, Florida H. Tenerife, Pedro M. Verzo, Allan D.

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Trial Construction	5/06/2016	Accommod Room	PUP-CVPA	Mahagway, Rollo L. Tenerillo Jr., Rodrigo M.
Science and Technology Electoral Agenda 2016: Developing a Genuine S&T for the People	4/25/2016	College of Engineering AVR	AGHAM - Advocate of Science and Technology for the People	Tenerillo Jr., Rodrigo M.
DOST-TARI Consultative Meeting	3/3/2016	Tahanan Ng Alumni Building	PUP Intellectual Property Management Office	Mahagway, Rollo L. Natividad, Ferdinand O. Tenerillo Jr., Rodrigo M. Tubola, Ofand O.
PUP Program Accreditation Status Update (Preliminary Survey Visit)	2/8/2016	Cebu Room, 7 <sup>th</sup> Floor Harris Hotel	PUP Quality Assurance Center	Tenerillo Jr., Rodrigo M.
Quality Management System (ISO 9001:2008) Orientation	12/19/2014	Pangnabayan Multimedia Room	PUP	Mahagway, Rollo L. Tenerillo Jr., Rodrigo M.
Quality Management System (ISO 9001:2008) Orientation	12/16/2014	Daluyang Donibolis, Nancy Aquino Library and Learning Resource Center	PUP	Cansino, Julius B. Natividad, Ferdinand O.
Outcomes Based Workshop	10/20/2014 to 10/22/2014	Bejayan Detengan	PUP	Mahagway, Rollo L.

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AWARDS/RECOGNITION RECEIVED BY STUDENTS/STUDENTS' ORGANIZATIONS IN CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES.

+ Outside PUP

Name of Student	Nature of Achievement/ Award/Recognition	Level (International, National, Regional, Provincial, Municipal, Barangay)	Conferring Body	Place	Date
Urral, Kimber George C.	Champion Quiz Team: Battle of the Brains	National	IEEE with Mapua	Senior Room, Mapua University	July 12, 2019
Jimenez, Jimmy Jake Hipolito, Kyle	Finalist ICPEP National Challenge	National	Institute of Computer Engineers of the Philippines, Inc.	Hotel Supreme Convention Place, Baguio City	November 26-28, 2016
Pardo, Rachel Dee S. Mauval, Juan Miguel V.	3 <sup>rd</sup> Place CpE Design Project Pitch Competition	Regional	Institute of Computer Engineers of the Philippines, Inc.	FEU Institute of Technology, Sampaloc, Manila	April 6, 2018
Canillo, Francis Arhona E. Cantos, Sheila May B. Rojas Jr., Rommel R. Santiago, Sharilyn Louise G.	Finalist Unionbank UHAC 3.0	National	Unionbank	Unionbank Tower Ortigas Pasig City	November 26-27, 2016
Canillo, Francis Arhona E. Cantos, Sheila May B. Rojas Jr., Rommel R. Santiago, Sharilyn Louise G.	Finalist PLDT 80 Hackathon Challenge	National	PLDT	PLDT Innovat Boni Mandaluyong City	November 11-12, 2016
Canillo, Francis Arhona E. Cantos, Sheila May B. Rojas Jr., Rommel R. Santiago, Sharilyn Louise G.	Finalist Redignous Global Hackathon	National		Mercury Hotel Ortigas Pasig City	November 3- 5, 2016
Ragan, Roynald Egualo, Glenn Mark Onillo, Gerard Merza, Dale Ivan	ICPEP SE-MOR Quiz Bowl Challenge 2 <sup>nd</sup> Runner Up	Regional	ICPEP SE-MOR	Aderson University- Manila	September 3, 2016
Admasol, Rogelio Boy S. Paludo, Romel B. Ponera, Edwinson B.	3 <sup>rd</sup> Place AFAAF 2016	National	OST	PUP Claro M Racio Hall	March 11, 2016

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**PROFILE OF COMPUTER ENGINEERING GRADUATES (CoE)**

Dear Respondent,

In its pursuit for academic excellence, the PUP - College of Engineering would like to request you to accomplish this survey.

Your opinion will be of great help to attain the following:

- Identify the skills needed by the industry
- Determine the competitiveness of CE graduates
- Identify areas for curricular development

Thank you.

Company Name: Technique IT Service and Technology - Software Solution and Technology Support

Address: Unit 846 - IT Technology Park Complex, C.E. Avenue Bldg., Dasmariñas, Cavite City, P.O. Box

Name of Respondent: Joseph S. Alonzo

Position: Senior Service Executive Consultant

Department: Computer Service Division

Contact Number: 452 29 220

Email Address: msj@it-dot-qa.com

1. Do you have any PUP-CoE Graduate(s) employed in your organization?  Yes  No

2. How many PUP-CoE graduate(s) employed in your organization? 2

3. If you have PUP-CoE graduate(s) employed in your organization, what do you like best about them?

Willing to learn, hard to teach, hard to give credit, willing to be  
productive, loyal, can work independently, always on time & productive.

4. What is the overall level of acceptability of CoE graduates? (Please check the relevant number.)

- Highly Acceptable  - Acceptable  - Moderately Acceptable  - Slightly Acceptable  - Unacceptable

5. What do you like least about the PUP-CoE graduate(s)?

Not a pro. The improvement needed in terms of courses,  
the quality of instruction and the quality of the work of the  
faculty. :)

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Please check (✓) the relevant number according to the RATING SCALE indicated below:

- 5 - Very High
- 4 - High
- 3 - Moderate
- 2 - Low
- 1 - Very Low

<b>I. SKILLS</b>					
	1	2	3	4	5
<b>A. PERSONAL SKILLS / TRAITS</b>					
1. Effective oral and written communication skills				✓	
2. Flexibility				✓	
3. Proper grooming			✓		
4. Punctuality					✓
5. Initiative				✓	
6. Approachability				✓	
7. Others (please specify):					
<b>B. HUMAN RELATIONS / INTERPERSONAL RELATIONSHIPS</b>					
1. Adaptability					✓
2. Team work					✓
3. Friendliness					✓
4. Others (please specify):					
<b>C. INTELLECTUAL SKILLS</b>					
1. Mental agility				✓	
2. Creativity				✓	
3. Critical thinking				✓	
4. Others (please specify):					

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 e-mail: [cead@pup.edu.ph](mailto:cead@pup.edu.ph)

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	1	2	3	4	5
<b>A. TECHNICAL SKILLS</b>					
1. Proficiency in the softwares related to their field				✓	
2. Proficiency in the hardware related to their field			✓		
3. Others (please specify):					
<b>B. HUMAN RELATIONS / INTERPERSONAL RELATIONSHIPS</b>					
1. Adaptability					✓
2. Team work					✓
3. Friendliness					✓
4. Others (please specify):					
<b>C. INTELLECTUAL SKILLS</b>					
1. Mental maturity				✓	
2. Creativity				✓	
3. Critical thinking				✓	
4. Others (please specify):					

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**II. VALUES / TRAITS**

	1	2	3	4	5
1. Honesty and Integrity				✓	
2. Perseverance				✓	
3. Service to others			✓		
4. Commitment and Dependability				✓	
5. Positive work attitude				✓	
6. Resilience in the face of adversity				✓	
7. Trustworthiness				✓	
8. Desires to contribute to the general welfare of society				✓	
9. Others (please specify):					

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If you have PUP-CE graduate(s) employed in your organization occupying any supervisory position, please accomplish the survey below.

**III. MANAGERIAL SKILLS**

A. PROBLEM SOLVING SKILLS / DECISION MAKING SKILLS	1	2	3	4	5
1. Recognizing problem				✓	
2. Ability to analyze problem				✓	
3. Defining alternatives			✓		
4. Ability to propose change/improvement				✓	
5. Others (please specify):					
B. LEADERSHIP/ ORGANIZATIONAL SKILLS					
1. Planning				✓	
2. Organizing				✓	
3. Coordinating				✓	
4. Controlling				✓	
5. Staffing				✓	
6. Guiding / Directing				✓	
7. Implementing				✓	
8. Motivating				✓	
9. Influencing				✓	
10. Negotiating				✓	
11. Coaching / Mentoring				✓	
12. Resolving conflicts				✓	
13. Others (please specify):					

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*Suggestions and Comments:*

- + provide more quality education, promote the opportunity to provide & work in public sector & government.
- + upgrade courses in PHP
- + encourage CyP students to provide course-related work.
- + participate in Govt Job Fairs.
- + provide government offices for their application.

**THANK YOU FOR YOUR COOPERATION!**

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