



# 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:

- Provision of undergraduate and graduate education which meet international standards of quality and excellence;
- Generation and transmission of knowledge in the broad range of disciplines relevant and responsive to the dynamically changing domestic and international environment;
- Provision of more equitable access to higher education opportunities to deserving and qualified Filipinos; and
- 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 system;
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.
6. conduct continuously 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 mentors and quality researchers through advanced studies and other facets of continuing professional education

<b>COURSE TITLE</b>	Logic Circuits and Design
<b>COURSE CODE</b>	CMPE 30094



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<b>CREDIT UNITS</b>	3 UNITS	
<b>COURSE PREREQUISITE</b>	Fundamentals of Electronic Circuits	
<b>COURSE DESCRIPTION</b>	The course includes design and analysis of digital circuits. This course covers both combinational (synchronous and asynchronous) logic circuits with emphasis on solving digital problems using hardwired structures of the complexity of medium and large-scale integration.	
<b>Institutional Learning Outcomes</b>	<b>Program Outcomes</b>	<b>Course Outcomes</b>
<p><b>1. Creative and Critical Thinking</b>          Graduates use their imaginative as well as a rational thinking abilities 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 macro 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-rounded 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. Adeptness in the Responsible Use of Technology</b>          Graduates demonstrate optimized use of digital learning abilities, including technical and numerical 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 manifesting the appropriate skills and leaderships 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</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 life-long 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>Define and identify important logic switching circuit theories and terminologies</li> <li>Use Boolean Algebra in simplifying logic circuits and solving related problems</li> <li>Apply different minimization techniques in designing combinational circuits and in solving related problems</li> <li>Design combinational and/or sequential digital system or sub-system</li> </ul>



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<b>Global Responsiveness</b> Graduates' deep sense of national compliments the need to live in a global village where one's culture and other people culture are respected.					
<b>Course Plan</b>					
<b>Week</b>	<b>Topic</b>	<b>Learning Outcomes</b>	<b>Methodology</b>	<b>Resources</b>	<b>Assessment</b>
	Class orientation with Vision, Mission, Goal and Objective  Discussion of course goals, expected outcomes, course policies and grading system  Assigning of Groups and Officers	<i>Familiarize student on Outcome-Based Education</i>  <i>Orient the student on the course syllabus, grading system and classroom rules</i>	Orientation  Review of the syllabus, learning activities and assessment  Getting to know activity  Ice breaker activity	Course Syllabus  <a href="https://coelms.com">https://coelms.com</a>	None
1	<b>Review on Number Systems</b>  Introduction to number system (Binary, Octal, Decimal, Hexadecimal)  <ul style="list-style-type: none"> <li>Conversion of Number System</li> <li>Arithmetic operation</li> <li>Fixed Point representation</li> </ul>	<i>Define terms</i>  <i>Know the function of number system</i>  <i>Convert any given number system</i>  <i>Write the equivalent negative values of a given binary number</i>  <i>Perform arithmetic operation (addition, subtraction, multiplication and division) of any number system</i>	Lecture/Discussion  Problem Solving  Recitation  Board work	<i>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</i>  <a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a>  <a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a>  <a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a>  <a href="https://coelms.com">https://coelms.com</a>	Quiz  Lab Activity  Blended Learning Exercises  Homework



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To pass this course, one must accumulate at least 75% through the course requirements. The maximum points that a student can obtain through each requirement are shown below.

<b>Requirement/Assessment Task</b>	<b>Maximum Percentage</b>
Quizzes/Assignment/Recitation	20%
Midterm/Final Exam	40%
Laboratory Exercises and Machine Problems/Application Project Presentation	40%
	100%

**Classroom Policy**

1. Written tests during the semester.
2. Three scheduled major written tests. Make up tests will only be given with prior permission of the instructor. Make up tests must be taken within a week of the original scheduled test date unless there is an inevitable reason.
3. Participation in class discussions and group exercises is a must; thus attendance and being prepared to contribute to the discussion is also expected.
4. Upon entrance to the classroom, submission of assignments is expected; and working on the challenge of the day is also to be observed.
5. Punctuality is to be observed. If students come in late for three consecutive occurrences would be equivalent to one absent. Students should also be responsible for missed materials.
6. Always follow the 5 S's and *CLAYGO (Clean As You GO)*

**Written tests** – It will be administered periodically in order to assess the students' knowledge of topics within the Syllabus. Use of cellphone during examinations IS prohibited.

**Class Work/Activities** – Students are expected to participate in all activities and assignments.

**Oral Presentations** – Students will be expected to present topics that will demonstrate their understanding of the specific subjects. Included in oral presentations are role playing, simulations, topic or research presentations or focused group discussions.

**Strict implementation of deadlines** - No late projects, papers, researches or quizzes will be accepted unless you have made prior arrangements in writing with the instructor and have a valid and documented reason. All late projects that are accepted will have appropriate deductions.

**Quizzes** - Make-up quizzes must be done only at the available schedule of the instructor. Unjustified absence resulting to missed quizzes shall be awarded with an equivalent grade of 20.

**Special Arrangements and considerations** – no special arrangements and considerations will be given after the final term. The students' grades shall stand as they are except when errors in the checking of requirements and/or inputting of grades by the instructor were found. Change of grade procedure will be then followed for the necessary changes to take effect.

**Cheating** - All graded requirements must be a students' own work only. Cheating or plagiarism is a serious breach of academic ethics and policy (refer to students manual) and could lead to appropriate sanctions. When taking tests, answer must not be seen by others. If cheating is discovered, all participants will be penalized with a grade of zero for the particular test.

**Student contributions** – In cases wherein students are grouped to complete a specific task, members must actively participate or risk being eliminated from the groupings.

**Etiquette:** Courtesy in class from every student is expected especially during classroom experience. Mobile phones must always be kept silent and are not allowed to be used for texting or browsing inside the room at any time. Personal/portable media players must be put away and should not be used at any time inside the classroom. The instructor has the right to ask a student who has a disruptive behavior to leave the class. All students are expected to be familiar with and to follow the guidelines set in the University student manual.

**Attendance** – Students who reach the maximum allowable absences will no longer be allowed to continue the course as stated in the University student manual and will receive a grade of DROPPED.

**Incomplete Grades** – Students who got an INC – Incomplete Grade at the end of the semester must complete his/her requirements within one year. Failure to do so, the SIS will automatically replace the INC rating into a grade of 5.0.

**Consultation Time**

*As indicated on the approved Teaching Assignment of the concern faculty and posted on the Department's Bulletin Board*

**Revision History**



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3	<b>Combinational Circuit Analysis, Boolean Expression Analysis, Minterm and Maxterm</b> <ul style="list-style-type: none"> <li>Derive the Boolean expression and truth table given a circuit</li> <li>Derive the truth table and design the circuit given an expression</li> <li>Derive the standard SOP and POS expression</li> </ul>	Identify the columns of a truth table  Describe the canonical form of Boolean Expressions  Differentiate the Sum-of-product (SOP) forms of Boolean expression from Product-of-Sum (POS) forms.	Lecture/Discussion  Problem Solving  Recitation  Board work	<i>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</i>  <a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a>  <a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a>  <a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a>  <a href="https://coelms.com">https://coelms.com</a>	Quiz  Lab Activity  Blended Learning Exercises  Homework
4	<b>Boolean Expression Simplification</b> <ul style="list-style-type: none"> <li>Discuss the 10 Boolean identities</li> <li>Application of De Morgan's Theorem</li> <li>Simplifying an expression</li> </ul>	Discuss the objectives of simplifying Boolean expressions  Enumerate the methods of Boolean expressions simplification  Acquaint themselves with Boolean Identities  Apply De Morgan's Theorem to Boolean Expressions and to logic circuit	Lecture/Discussion  Problem Solving  Recitation  Board work	<i>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</i>  <a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a>  <a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a>  <a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a>  <a href="https://coelms.com">https://coelms.com</a>	Quiz  Lab Activity  Blended Learning Exercises  Homework
5	<b>Conversion of any Product Term to Standard form and Conversion of any Sum Term to Standard form</b> <ul style="list-style-type: none"> <li>Discuss the procedure on how to convert an expression to its standard form</li> </ul>	Determine the domain of a Boolean expression  Convert any SOP expression to standard SOP  Express SOP expression into	Lecture/Discussion  Problem Solving  Recitation  Board work	<i>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</i>  <a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a>  <a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a>  <a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a>	Quiz  Lab Activity  Blended Learning Exercises  Homework



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		<p>Canonical Form</p> <p>Convert any POS expression to standard POS</p> <p>Express POS expression into Canonical Form</p>		<p><a href="https://coelms.com">https://coelms.com</a></p>	rk
6	<p><b>The Karnaugh-map Simplification (SOP, POS and with don't care conditions)</b></p> <ul style="list-style-type: none"> <li>Discuss how to construct and fill out a K-map given either a truth table, an expression or a notation.</li> <li>Discuss the steps in simplifying an expression using k-map</li> <li>Discuss the rules in grouping of 1's/0's with don't care condition in k-map</li> <li>Discuss how to derive the simplified expression using k-map</li> </ul>	<p>Differentiate Map method from Algebraic simplification technique</p> <p>Construct two-, three-, four-, and five - variables K-Maps</p> <p>Fill-out the K-map with terms from Sum-of-Products (SOP) / Product-of-Sum (POS)</p> <p>Combine the 1s/0's on the map into largest group possible and into minimum number of groups</p> <p>Determine the product term/sum term for each group in the map</p> <p>Combine the minimum product terms/sum terms to form the simplified SOP/POS expressions</p>	<p>Lecture/Discussion</p> <p>Problem Solving</p> <p>Recitation</p> <p>Board work</p>	<p>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</p> <p><a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a></p> <p><a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a></p> <p><a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a></p> <p><a href="https://coelms.com">https://coelms.com</a></p> <p><a href="https://coelms.com">https://coelms.com</a></p>	<p>Quiz</p> <p>Lab Activity</p> <p>Blended Learning Exercises</p> <p>Homework</p>



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		<p>Construct the circuit of the simplified SOP/POS expression (AND-OR Network/OR-AND Network)</p> <p>Describe don't care condition</p> <p>Simplify expressions with don't-care conditions</p>			
7	<p><b>Other Two-level Implementations (SOP/POS)</b></p> <ul style="list-style-type: none"> <li>Discuss how to derive and construct a combinational circuit using other SOP Networks</li> <li>Discuss how to derive and construct circuit using other SOP Networks</li> </ul> <p><b>Combinational Circuit Design</b></p> <ul style="list-style-type: none"> <li>Discuss the steps on how to design a combinational circuit</li> <li>Discuss how to determine the number of input and output variables need based on the given problems statement</li> </ul>	<p>Construct the logic circuit of the simplified SOP expression using the NAND – NAND, OR – NAND &amp; NOR – OR network</p> <p>Construct the logic circuit of the simplified POS expressions using the NOR – NOR, NAND – AND network</p>	<p>Lecture/Discussion</p> <p>Problem Solving</p> <p>Recitation</p> <p>Board work</p>	<p><i>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</i></p> <p><a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a></p> <p><a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a></p> <p><a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a></p> <p><a href="https://coelms.com">https://coelms.com</a></p>	<p>Quiz</p> <p>Lab Activity</p> <p>Blended Learning Exercises</p> <p>Homework</p>
8	<p><b>Combinational Circuit Design using MSI and LSI Devices (Decoder)</b></p> <ul style="list-style-type: none"> <li>Discuss how to design a combinational circuit using MSI Device</li> </ul>	<p>Describe the operation of a Decoder</p> <p>Implement Boolean function using a Decoder</p>	<p>Lecture/Discussion</p> <p>Problem Solving</p>	<p><i>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</i></p> <p><a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a></p>	<p>Quiz</p> <p>Lab Activity</p>



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	<p>(Decoder) given a problem statement</p> <p><b>Combinational Circuit Design using MSI and LSI Devices (Multiplexer)</b></p> <ul style="list-style-type: none"> <li>Discuss how to design a combinational circuit using MSI Device (Multiplexer) given a notation</li> </ul> <p><b>Combinational Circuit Design using MSI and LSI Devices (ROM)</b></p> <ul style="list-style-type: none"> <li>Discuss how to design a combinational circuit using MSI Device (ROM) given a notation</li> </ul>	<p>Describe the operation of a Multiplexer implement Boolean function using a Multiplexer</p> <p>Describe the operation of a Read-Only Memory (ROM) Implement Boolean function using a ROM</p>	<p>Recitation</p> <p>Board work</p>	<p><a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a></p> <p><a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a></p> <p><a href="https://coelms.com">https://coelms.com</a></p>	<p>Blended Learning Exercises</p> <p>Homework</p>
<b>9</b>	<b>M I D T E R M E X A M I N A T I O N</b>				
<b>10</b>	<p><b>Introduction to Sequential Circuits</b></p> <ul style="list-style-type: none"> <li>Types of Sequential Circuits</li> <li>Types of Clocking</li> <li>Characteristic Table</li> <li>Derivation of Excitation Table</li> <li>Timing Diagram</li> <li>Flip-flop Conversion</li> </ul>	<p>Differentiate Combination Circuit from Sequential Circuits</p> <p>Discuss the 4 types of Flip-flops</p> <p>Discuss the use and type of clocking</p> <p>Define and construct the Characteristic tables of the 4 types of Flip-flops</p> <p>Derive the excitation table of the 4 types of Flip-flops</p> <p>Discuss how the draw the timing diagram for each type of flip-flop</p>	<p>Lecture/Discussion</p> <p>Problem Solving</p> <p>Recitation</p> <p>Board work</p>	<p><i>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</i></p> <p><a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a></p> <p><a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a></p> <p><a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a></p> <p><a href="https://coelms.com">https://coelms.com</a></p>	<p>Quiz</p> <p>Lab Activity</p> <p>Blended Learning Exercises</p> <p>Homework</p>





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		Discuss the steps of converting one flip-flop type to another			
1 1	<b>Analysis of Sequential Circuits</b>	<p>Discuss the steps in analyzing a synchronous sequential circuits.</p> <p>Analyze a synchronous sequential circuits from a state diagram, from a state table, for state equation</p> <ul style="list-style-type: none"> <li>Discuss the steps on how analyze a given sequential circuit to derive the state equation and state diagram</li> </ul>	<p>Lecture/Discussion</p> <p>Problem Solving</p> <p>Recitation</p> <p>Board work</p>	<p>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</p> <p><a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a></p> <p><a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a></p> <p><a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a></p> <p><a href="https://coelms.com">https://coelms.com</a></p>	<p>Quiz</p> <p>Lab Activity</p> <p>Blended Learning Exercises</p> <p>Homework</p>
1 2	<b>Design of Sequential Circuits</b>	<p>Discuss the steps on how design a sequential circuit given a state diagram</p> <p>Illustrate how to design a synchronous sequential circuits based on a worded-problem specification</p> <ul style="list-style-type: none"> <li>Steps in designing a synchronous sequential circuits.</li> <li>Walk-through on the steps on designing a synchronous sequential circuits based on a worded-problem specification</li> </ul>	<p>Lecture/Discussion</p> <p>Problem Solving</p> <p>Recitation</p> <p>Board work</p>	<p>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</p> <p><a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a></p> <p><a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a></p> <p><a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a></p> <p><a href="https://coelms.com">https://coelms.com</a></p>	<p>Quiz</p> <p>Lab Activity</p> <p>Blended Learning Exercises</p> <p>Homework</p>
1 3	<b>Design of Counters</b>	<p>Learn the importance and applications of counters</p> <p>Identify the types of counters</p> <p>Discuss the steps on how design a counter given a state diagram or a problem statement</p> <p>Learn the limitations of counters</p> <p>Learn how</p> <ul style="list-style-type: none"> <li>Concept of Counters</li> <li>Types of Counters</li> <li>Steps in designing synchronous counters</li> <li>Limitations of Counters</li> <li>Applications of Counters</li> <li>Troubleshooting Counter circuits</li> </ul>	<p>Lecture/Discussion</p> <p>Problem Solving</p> <p>Recitation</p> <p>Board work</p>	<p>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</p> <p><a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a></p> <p><a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a></p> <p><a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a></p> <p><a href="https://coelms.com">https://coelms.com</a></p>	<p>Quiz</p> <p>Lab Activity</p> <p>Blended Learning Exercises</p> <p>Homework</p>



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		to troubleshoot common problems of counters			
1 4	<b>Design of Registers</b> <ul style="list-style-type: none"> <li>• Concept of Registers</li> <li>• Type of Register</li> <li>• Steps in designing registers</li> <li>• Limitations of Registers</li> <li>• Applications of Registers</li> <li>• Troubleshooting Register circuits</li> </ul>	<p>Learn the importance and applications of register</p> <p>Identify the types of registers</p> <p>Discuss the steps on how design a register given a state diagram or a problem statement</p> <p>Learn the limitations of registers</p> <p>Learn how to troubleshoot common problems of registers</p>	<p>Lecture/Discussion</p> <p>Problem Solving</p> <p>Recitation</p> <p>Board work</p>	<p><i>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</i></p> <p><a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a></p> <p><a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a></p> <p><a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a></p> <p><a href="https://coelms.com">https://coelms.com</a></p>	<p>Quiz</p> <p>Lab Activity</p> <p>Blended Learning Exercises</p> <p>Homework</p>
1 5 - 1 6	<b>Design and Analysis of Asynchronous Sequential Circuits</b> <ul style="list-style-type: none"> <li>• Concept of Asynchronous sequential circuits</li> <li>• Steps in designing and Analysis of Asynchronous sequential circuits</li> <li>• Applications of Asynchronous Sequential circuits</li> <li>• Troubleshooting Asynchronous sequential circuits</li> </ul>	<p>Learn the importance and applications of Asynchronous Sequential Circuits</p> <p>Discuss the steps on how design and analyze Asynchronous Sequential Circuits</p> <p>Learn how to troubleshoot common problems of Asynchronous Sequential</p>	<p>Lecture/Discussion</p> <p>Problem Solving</p> <p>Recitation</p> <p>Board work</p>	<p><i>Digital Systems Principles and Applications, Ronald J. Tocci and Neal S. Widmer Upper Saddle River, N.J.: Pearson 2016</i></p> <p><a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a></p> <p><a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a></p> <p><a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a></p> <p><a href="https://coelms.com">https://coelms.com</a></p>	<p>Quiz</p> <p>Lab Activity</p> <p>Blended Learning Exercises</p> <p>Homework</p>



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		Circuits			
17	<b>Application Project Presentation</b>	<i>Culminating activity given to the grouped students to test their mastery of the course by developing application programs utilizing all the theories and concepts acquired</i>	Project Presentation System Walk-through Simulation	Application Project Documentation  Developed System	Project Deliberation
18	<b>F I N A L E X A M I N A T I O N</b>				
<b>Course Requirement</b>					
Besides the Quizzes, Assignments, Recitation, Major Examinations and Lab Activities, Before the end of the semester, the students are required to present an application project in groups of four to five members dealing with the application of Logic circuits and Design. It is a hardware system to be developed using both Combinational and sequential logic circuit implementation.					
<b>Reading and References</b>					
<p>Prosser, F. P. &amp; Winkel, D. E. (2015). <i>The art of Digital Design: An Introduction to Top-Down Design</i> (4<sup>th</sup> Ed.). Prentice Hall</p> <p>Floyd, Thomas (2016). <i>Digital Fundamentals</i> (11<sup>th</sup> Ed.). Prentice Hall, NJ</p> <p>Mano. M. &amp; Ciletti, M. (2015) <i>Digital Design</i> (4<sup>th</sup> Ed.). Prentice Hall.</p> <p>Wakerly, J. F. (2015). <i>Digital Design: Principles and practices</i> (4<sup>th</sup> Ed.). Prentice Hall.</p> <p>Roth, C. H. Jr. (2016). <i>Logic Design Fundamentals</i>. Singapore: Cengage Learning</p> <p>Marcovitz, A. (2015). <i>Introduction to Logic and Computer Design</i>. Boston: McGraw-Hill</p> <p>Morris, Mano (2015). <i>Logic &amp; Computer Design Fundamentals</i>. 4<sup>th</sup> Ed. New Jersey: Pearson Prentice Hall</p> <p>Reid, Ken. (2016). <i>Introduction to digital electronics</i>. Australia: Thomson Delmar Learning</p> <p>Tokheim, Roger. (2015). <i>Digital electronics: principles and applications</i> (5<sup>th</sup> ed.). New York: McGraw Hill Higher Education</p> <p>Oklobdzija, V. (2015). <i>The computer engineering handbook: digital design and fabrications</i>, (2012) (2<sup>nd</sup> ed.). Boca Raton: CRC Press Taylor and Francis Group</p>					
<b>Online References:</b>					
<p><a href="https://coelms.com">https://coelms.com</a></p> <p><a href="https://learn.sparkfun.com/tutorials/digital-logic">https://learn.sparkfun.com/tutorials/digital-logic</a></p> <p><a href="https://logic.ly/lessons/">https://logic.ly/lessons/</a></p> <p><a href="https://www.electrical4u.com/digital-electronics/">https://www.electrical4u.com/digital-electronics/</a></p>					
<b>Course Grading System</b>					
To pass this course, one must accumulate at least 75% through the course requirements. The maximum points that a student can obtain through each requirement are shown below.					
	<b>Requirement/Assessment Task Percentage</b>			<b>Maximum</b>	
	Quizzes/Assignment/Recitation			20%	
	Midterm/Final Exam			40%	
	Laboratory Exercises and Machine Problems/Application Project Presentation			40%	



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100%

**Classroom Policy**

1. Written tests during the semester.
2. Three scheduled major written tests. Make up tests will only be given with prior permission of the instructor. Make up tests must be taken within a week of the original scheduled test date unless there is an inevitable reason.
3. Participation in class discussions and group exercises is a must; thus attendance and being prepared to contribute to the discussion is also expected.
4. Upon entrance to the classroom, submission of assignments is expected; and working on the challenge of the day is also to be observed.
5. Punctuality is to be observed. If students come in late for three consecutive occurrences would be equivalent to one absent. Students should also be responsible for missed materials.
6. Always follow the 5 S's and *CLAYGO (Clean As You GO)*

**Written tests** – It will be administered periodically in order to assess the students' knowledge of topics within the Syllabus. Use of cellphone during examinations IS prohibited.

**Class Work/Activities** – Students are expected to participate in all activities and assignments.

**Oral Presentations** – Students will be expected to present topics that will demonstrate their understanding of the specific subjects. Included in oral presentations are role playing, simulations, topic or research presentations or focused group discussions.

**Strict implementation of deadlines** - No late projects, papers, researches or quizzes will be accepted unless you have made prior arrangements in writing with the instructor and have a valid and documented reason. All late projects that are accepted will have appropriate deductions.

**Quizzes** - Make-up quizzes must be done only at the available schedule of the instructor. Unjustified absence resulting to missed quizzes shall be awarded with an equivalent grade of 2.0.

**Special Arrangements and considerations** – no special arrangements and considerations will be given after the final term. The students' grades shall stand as they are except when errors in the checking of requirements and/or inputting of grades by the instructor were found. Change of grade procedure will be then followed for the necessary changes to take effect.

**Cheating** - All graded requirements must be a students' own work only. Cheating or plagiarism is a serious breach of academic ethics and policy (refer to students manual) and could lead to appropriate sanctions. When taking tests, answer must not be seen by others. If cheating is discovered, all participants will be penalized with a grade of zero for the particular test.

**Student contributions** – In cases wherein students are grouped to complete a specific task, members must actively participate or risk being eliminated from the groupings.

**Etiquette:** Courtesy in class from every student is expected especially during classroom experience. Mobile phones must always be kept silent and are not allowed to be used for texting or browsing inside the room at any time. Personal/portable media players must be put away and should not be used at any time inside the classroom. The instructor has the right to ask a student who has a disruptive behavior to leave the class. All students are expected to be familiar with and to follow the guidelines set in the University student manual.

**Attendance** – Students who reach the maximum allowable absences will no longer be allowed to continue the course as stated in the University student manual and will receive a grade of DROPPED.

**Incomplete Grades** – Students who got an INC – Incomplete Grade at the end of the semester must complete his/her requirements within one year. Failure to do so, the SIS will automatically replace the INC rating into a grade of 5.0.

**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	Approved by:	Effective Date
2.0	OBE Syllabus Format and Contents		June 17, 2019

Prepared by:	Date:	Reviewed by:	Date:
Engr. Julius S. Cansino Permanent Faculty		Engr. Julius S. Cansino	



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<i>Dr. Remedios G. Ado</i> <i>Permanent Faculty</i>		<i>Chairperson, CpE Department</i>	
<i>Engr. Rolito L. Mahaguay</i> <i>Permanent Faculty</i>			
<i>Engr. Joshua Benjamin B. Rodriguez</i> <i>Part-time Faculty</i>			
<b>Noted by:</b>	<b>Date:</b>		
<i>DR. REMEDIOS G. ADO</i> <i>Dean, College of Engineering</i>			
<b>Approved by:</b>	<b>Date:</b>		
<i>DR. MANUEL M. MUHI</i> <i>Vice-President, Academic Affairs</i>			



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**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 8 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 system;
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.
6. conduct continuously 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 mentors and quality researchers through advanced studies and other facets of continuing professional education

<b>COURSE TITLE</b>	<i>CpE Technology 1 (Consumer Electronics)</i>
<b>COURSE CODE</b>	<i>CMPE 40012</i>
<b>CREDIT UNITS</b>	<i>2 UNITS</i>
<b>COURSE PREREQUISITE</b>	
<b>COURSE DESCRIPTION</b>	<i>Basic theory and practice of electrical circuits. Includes calculations as applied to alternating and direct current.</i>



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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 macro 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-rounded 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. Adeptness in the Responsible Use of Technology</b> Graduates demonstrate optimized use of digital learning abilities, including technical and numerical 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 manifesting the appropriate skills and leaderships 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> Graduates' deep sense of national compliments the need to live in a global village where one's culture and other people culture are respected.</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; b) Design and conduct experiments, as well as to analyze and interpret data; 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; d) Function on multidisciplinary teams; e) Identify, formulate, and solve complex engineering problems; f) Understanding of professional and ethical responsibility; g) Communicate effectively; h) Broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context; i) Recognition of the need for, and an ability to engage in life-long learning; j) Knowledge of contemporary issues; k) Use techniques, skills, and modern engineering tools necessary for engineering practice and 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>▪ Identify electrical symbols and measuring instruments.</li> <li>▪ Explain how to find resistor values with a meter and color code.</li> <li>▪ Use an electrical meter to measure voltage, amperage, diodes, continuity, farads, and ohms.</li> <li>▪ Use Ohm's law to find unknown values and calculate voltage drop.</li> <li>▪ Define a series circuit and their properties.</li> <li>▪ Define a parallel circuit and their properties.</li> <li>▪ Solve a combination circuit using the laws of series and parallel.</li> <li>▪ Explain how capacitance and inductance influence voltage and current relationships</li> </ul>

Course Plan					
Week	Topic	Learning Outcomes	Methodology	Resources	Assessment



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	<p><i>Class orientation with Vision, Mission, Goal and Objective</i></p> <p><i>Discussion of course goals, expected outcomes, course policies and grading system</i></p> <p><i>Assigning of Groups and Officers</i></p>	<p><i>Familiarize student on Outcome-Based Education</i></p> <p><i>Orient the student on the course syllabus, grading system and classroom rules</i></p>	<p>Orientation</p> <p>Review of the syllabus, learning activities and assessment</p> <p>Getting to know activity</p> <p>Ice breaker activity</p>	<p>Course Syllabus</p> <p><a href="https://coelms.com">https://coelms.com</a></p>	<p>None</p>
1	<p><b>Learning the ABC's of Electronics, and Electricity</b></p> <ul style="list-style-type: none"> <li>• Types of Electric charge particles</li> <li>• Basic Structure of the atom</li> <li>• Conductor, insulators and semiconductors</li> <li>• Potential Difference and voltage</li> <li>• Difference with voltage and current</li> </ul>	<p><i>Identify electrical symbols and measuring instruments.</i></p> <p><i>Sketch and use electrical schematics in class.</i></p> <p><i>Identify and define electrical Symbols used on electrical measuring instruments.</i></p>	<p>Lecture/Discussion</p> <p>Recitation</p> <p>Board Works</p>	<p><i>Ugley's Electrical Safety and NFPA 70E, 2015 Edition 3rd Edition</i></p> <p><a href="https://www.electronicstutorials.ws/">https://www.electronicstutorials.ws/</a></p> <p><i>Grob's Basic Electronics, Mitchell E. Schultz, McGrawHill, 2016</i></p> <p><a href="https://coelms.com">https://coelms.com</a></p>	<p>Lecture Exam</p> <p>Problem Sets</p> <p>Board works</p> <p>Homework</p>
2	<p><b>Learning the ABC's of Electronics, and Electricity</b></p> <ul style="list-style-type: none"> <li>• Types of Electric charge particles</li> <li>• Basic Structure of the atom</li> <li>• Conductor, insulators and semiconductors</li> <li>• Potential Difference and voltage</li> </ul>	<p><i>Explain how to find resistor values with a meter and color code</i></p>	<p>Lecture/Discussion</p> <p>Recitation</p> <p>Board Works</p>	<p><i>Ugley's Electrical Safety and NFPA 70E, 2015 Edition 3rd Edition</i></p> <p><a href="https://www.electronicstutorials.ws/">https://www.electronicstutorials.ws/</a></p> <p><i>Grob's Basic Electronics, Mitchell E. Schultz, McGrawHill, 2016</i></p> <p><a href="https://coelms.com">https://coelms.com</a></p>	<p>Quiz</p> <p>Lecture Exam</p> <p>Problem Sets</p> <p>Board works</p> <p>Homework</p>





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	<ul style="list-style-type: none"> <li>• Difference with voltage and current</li> </ul>			<a href="https://www.coelms.com">s.com</a>	
3	<b>Learning the ABC's of Electronics, and Electricity</b> <ul style="list-style-type: none"> <li>• Difference between conductance and resistance</li> <li>• Difference between electron flow and conventional current</li> <li>• Difference between Direct Current and Alternating Current</li> </ul>	Use an electrical meter to measure voltage, current, continuity, farads, diodes, and ohms.	Lecture/Discussion Recitation Board Works	Ugly's Electrical Safety and NFPA 70E, 2015 Edition 3rd Edition  <a href="https://www.electronics-tutorials.ws/">https://www.electronics-tutorials.ws/</a> Grob's Basic Electronics, Mitchell E. Schultz, McGraw-Hill, 2016  <a href="https://coelms.com">https://coelms.com</a>	Quiz Lecture Exam Problem Sets Board works Homework
4	<b>Resistors and its uses</b> <ul style="list-style-type: none"> <li>• Types of Resistors</li> <li>• Resistor Color Coding</li> <li>• Variable Resistors</li> <li>• Rheostats and Potentiometers</li> <li>• Power Rating of Resistors and resistors troubles</li> </ul>	Explain how capacitance and inductance influence voltage and current relationships.	Lecture/Discussion Recitation Board Works	Ugly's Electrical Safety and NFPA 70E, 2015 Edition 3rd Edition  <a href="https://www.electronics-tutorials.ws/">https://www.electronics-tutorials.ws/</a> Grob's Basic Electronics, Mitchell E. Schultz, McGraw-Hill, 2016  <a href="https://coelms.com">https://coelms.com</a>	Quiz Lecture Exam Problem Sets Board works Homework



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5 - 6	<b>Ohm's Law: Series Circuits</b> <ul style="list-style-type: none"> <li>• Circuit Symbols and Circuit Diagrams</li> <li>• Two Types of Connections</li> <li>• Series Circuits</li> <li>• Combination Circuits</li> </ul>	<i>Use Ohm's law to find unknown values and calculate voltage drop.</i>	Lecture/Discussion Recitation Board Works	<i>Ugley's Electrical Safety and NFPA 70E, 2015 Edition 3rd Edition</i> <a href="https://www.electronics-tutorials.ws/">https://www.electronics-tutorials.ws/</a> <i>Grob's Basic Electronics, Mitchell E. Schultz, McGrawHill, 2016</i> <a href="https://coelms.com">https://coelms.com</a>	Quiz Lecture Exam Problem Sets Board works Homework
7 - 8	<b>Ohm's Law: Parallel Circuits</b> <ul style="list-style-type: none"> <li>• The Applied Voltage VA Is the Same across Parallel Branches</li> <li>• Each Branch I Equals VA/R 5 Kirchhoff's Current Law (KCL)</li> <li>• Resistances in Parallel 5-5 Conductance in Parallel</li> <li>• Total Power in Parallel Circuits</li> <li>• Analyzing Parallel Circuits with Random Unknowns</li> <li>• Troubleshooting: Opens and Shorts in Parallel Circuits</li> </ul>	<i>Define a parallel circuit and their properties</i>	Lecture/Discussion Recitation Reporting Board Works	<i>Ugley's Electrical Safety and NFPA 70E, 2015 Edition 3rd Edition</i> <a href="https://www.electronics-tutorials.ws/">https://www.electronics-tutorials.ws/</a> <i>Grob's Basic Electronics, Mitchell E. Schultz, McGrawHill, 2016</i> <a href="https://coelms.com">https://coelms.com</a>	Quiz Lecture Exam Problem Sets Board works Homework
<b>9 M I D T E R M E X A M I N A T I O N</b>					



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10 - 11	<p><b>Series-Parallel Circuits</b></p> <ul style="list-style-type: none"> <li>• Finding <math>R_T</math> for Series-Parallel Resistances</li> <li>• Resistance Strings in Parallel</li> <li>• Resistance Banks in Series</li> <li>• Resistance Banks and Strings in Series-Parallel</li> <li>• Analyzing Series-Parallel Circuits with Random Unknowns</li> <li>• The Wheatstone Bridge</li> <li>• Troubleshooting: Opens and Shorts in Series-Parallel Circuit</li> </ul>	Solve a combination circuit using the laws of series and parallel.	Lecture/Discussion  Recitation  Board Works	<p>Ugley's <i>Electrical Safety and NFPA 70E</i>, 2015 Edition 3rd Edition</p> <p><a href="https://www.electronicstutorials.ws/">https://www.electronicstutorials.ws/</a></p> <p>Grob's <i>Basic Electronics</i>, Mitchell E. Schultz, McGraw-Hill, 2016</p> <p><a href="https://coelms.com">https://coelms.com</a></p>	Quiz  Lecture Exam  Problem Sets  Board works  Homework
12 - 13	<p><b>Voltage Dividers and Current Dividers</b></p> <ul style="list-style-type: none"> <li>• Series Voltage Dividers</li> <li>• Current Divider with Two Parallel Resistances</li> <li>• Current Division by Parallel Conductance</li> <li>• Series Voltage Divider with Parallel Load Current</li> <li>• Design of a Loaded Voltage Divider</li> </ul>	<p>Explain how inductance changes an AC waveform.</p> <p>Explain how capacitance changes an AC waveform</p>	Lecture/Discussion  Recitation  Board Works	<p>Ugley's <i>Electrical Safety and NFPA 70E</i>, 2015 Edition 3rd Edition</p> <p><a href="https://www.electronicstutorials.ws/">https://www.electronicstutorials.ws/</a></p> <p>Grob's <i>Basic Electronics</i>, Mitchell E. Schultz, McGraw-Hill, 2016</p> <p><a href="https://coelms.com">https://coelms.com</a></p>	Quiz  Lecture Exam  Problem Sets  Board works  Homework



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14	<b>Kirchhoff's Law</b> <ul style="list-style-type: none"> <li>• Kirchhoff's Current Law (KCL)</li> <li>• Kirchhoff's Voltage Law (KVL)</li> <li>• Method of Branch Currents</li> <li>• Node-Voltage Analysis               <ul style="list-style-type: none"> <li>• Method of Mesh Currents</li> </ul> </li> </ul>	Construct a combination circuit and demonstrate the applicable laws.	Lecture/Discussion  Recitation  Board Works	Ugly's Electrical Safety and NFPA 70E, 2015 Edition 3rd Edition  <a href="https://www.electronicstutorials.ws/">https://www.electronicstutorials.ws/</a>  Grob's Basic Electronics, Mitchell E. Schultz, McGrawHill, 2016  <a href="https://coelms.com">https://coelms.com</a>	Quiz  Lecture Exam  Problem Sets  Board works  Homework
15	<b>Network Theorems</b> <ul style="list-style-type: none"> <li>• Superposition Theorem</li> <li>• Thevenin's Theorem</li> <li>• Thevenizing a Circuit with Two Voltage Sources</li> <li>• Thevenizing a Bridge Circuit</li> <li>• Norton's Theorem</li> <li>• Thevenin-Norton Conversions</li> <li>• Conversion of Voltage and Current Sources</li> <li>• Millman's Theorem</li> <li>• T or Y and or Connections</li> </ul>	Define parallel circuit construction and prove the applicable laws	Lecture/Discussion  Recitation  Board Works	Ugly's Electrical Safety and NFPA 70E, 2015 Edition 3rd Edition  <a href="https://www.electronicstutorials.ws/">https://www.electronicstutorials.ws/</a>  Grob's Basic Electronics, Mitchell E. Schultz, McGrawHill, 2016  <a href="https://coelms.com">https://coelms.com</a>	Quiz  Lecture Exam  Problem Sets  Board works  Homework
16	<b>Conductors and Insulators</b> <ul style="list-style-type: none"> <li>• Function of the Conductor</li> <li>• Standard Wire Gage Sizes</li> <li>• Types of Wire Conductors</li> <li>• Connectors</li> <li>• Printed Wiring and switches</li> </ul>	Identify and use the correct formula to solve for unknowns in a given circuit.	Lecture/Discussion  Recitation  Board Works	Ugly's Electrical Safety and NFPA 70E, 2015 Edition 3rd Edition  <a href="https://www.electronicstutorials.ws/">https://www.electronicstutorials.ws/</a>  Grob's Basic Electronics, Mitchell E. Schultz, McGrawHill,	Lecture Exam  Problem Sets  Board works  Homework



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

				2016 <a href="https://coelms.com">https://coelms.com</a>	
17	<b>Conductors and Insulators</b> <ul style="list-style-type: none"> <li>• Fuses</li> <li>• Wire Resistance</li> <li>• Temperature Coefficient of Resistance</li> <li>• Ion Current in Liquids and Gases</li> <li>• Insulators</li> <li>• Troubleshooting Hints for Wires and Connectors</li> </ul>	Describe the differences between the functions of Conductors and Insulators	Lecture/Discussion Recitation Board Works	Ugly's Electrical Safety and NFPA 70E, 2015 Edition 3rd Edition  <a href="https://www.electronicstutorials.ws/">https://www.electronicstutorials.ws/</a>  Grob's Basic Electronics, Mitchell E. Schultz, McGrawHill, 2016  <a href="https://coelms.com">https://coelms.com</a>	Lecture Exam Problem Sets Board works Homework

18 **FINAL EXAMINATION**

**Course Requirement**

Besides the Quizzes, Assignments, Recitation, Major Examinations and Lab Activities, Before the end of the semester, the students are required to present an application project in groups of four to five members dealing with the application of Computer Engineering Technology 1

**Reading and References**

Ugly's Electrical Safety and NFPA 70E, 2015 Edition 3rd Edition  
 Grob's Basic Electronics, Mitchell E. Schultz, McGrawHill, 2016  
 Schaum's Outline of Electric Circuits, Seventh Edition, 2017  
 Principles of Electric Circuits: Pearson New International Edition: Conventional Current Version  
 Charles Alexander, Fundamentals of Electric Circuits 2016  
 Cathleen Shamieh, Getting Started with Electronics: Build Electronic Circuits!  
 James Kang, Electric Circuits, CL Engineering, 2017  
 James W. Nilsson, Electric Circuits, Global Edition Pearson Education Limited, 2019

**Online References:**

<https://coelms.com>  
<https://www.electronicshub.org/tutorials/>  
<https://www.electronicstutorials.ws/>  
<https://www.makerspaces.com/basic-electronics/>  
<http://electronics-tutorial.net/>  
<https://circuitdigest.com/tutorials>  
<https://www.open.edu/openlearn/science-maths-technology/introduction-electronics/>

**Course Grading System**



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

To pass this course, one must accumulate at least 75% through the course requirements. The maximum points that a student can obtain through each requirement are shown below.

<b>Requirement/Assessment Task</b>	<b>Maximum Percentage</b>
Quizzes/Assignment/Recitation	20%
Midterm/Final Exam	40%
Laboratory Exercises and Machine Problems/Application Project Presentation	40%
	100%

**Classroom Policy**

1. Written tests during the semester.
2. Three scheduled major written tests. Make up tests will only be given with prior permission of the instructor. Make up tests must be taken within a week of the original scheduled test date unless there is an inevitable reason.
3. Participation in class discussions and group exercises is a must; thus attendance and being prepared to contribute to the discussion is also expected.
4. Upon entrance to the classroom, submission of assignments is expected; and working on the challenge of the day is also to be observed.
5. Punctuality is to be observed. If students come in late for three consecutive occurrences would be equivalent to one absent. Students should also be responsible for missed materials.
6. Always follow the 5 S's and *CLAYGO (Clean As You GO)*

**Written tests** – It will be administered periodically in order to assess the students' knowledge of topics within the Syllabus. Use of cellphone during examinations IS prohibited.

**Class Work/Activities** – Students are expected to participate in all activities and assignments.

**Oral Presentations** – Students will be expected to present topics that will demonstrate their understanding of the specific subjects. Included in oral presentations are role playing, simulations, topic or research presentations or focused group discussions.

**Strict implementation of deadlines** - No late projects, papers, researches or quizzes will be accepted unless you have made prior arrangements in writing with the instructor and have a valid and documented reason. All late projects that are accepted will have appropriate deductions.

**Quizzes** - Make-up quizzes must be done only at the available schedule of the instructor. Unjustified absence resulting to missed quizzes shall be awarded with an equivalent grade of 2.0.

**Special Arrangements and considerations** – no special arrangements and considerations will be given after the final term. The students' grades shall stand as they are except when errors in the checking of requirements and/or inputting of grades by the instructor were found. Change of grade procedure will be then followed for the necessary changes to take effect.

**Cheating** - All graded requirements must be a students' own work only. Cheating or plagiarism is a serious breach of academic ethics and policy (refer to students manual) and could lead to appropriate sanctions. When taking tests, answer must not be seen by others. If cheating is discovered, all participants will be penalized with a grade of zero for the particular test.

**Student contributions** – In cases wherein students are grouped to complete a specific task, members must actively participate or risk being eliminated from the groupings.

**Etiquette:** Courtesy in class from every student is expected especially during classroom experience. Mobile phones must always be kept silent and are not allowed to be used for texting or browsing inside the room at any time. Personal/portable media players must be put away and should not be used at any time inside the classroom. The instructor has the right to ask a student who has a disruptive behavior to leave the class. All students are expected to be familiar with and to follow the guidelines set in the University student manual.

**Attendance** – Students who reach the maximum allowable absences will no longer be allowed to continue the course as stated in the University student manual and will receive a grade of DROPPED.

**Incomplete Grades** – Students who got an INC – Incomplete Grade at the end of the semester must complete his/her requirements within one year. Failure to do so, the SIS will automatically replace the INC rating into a grade of 5.0.

**Consultation Time**

*As indicated on the approved Teaching Assignment of the concern faculty and posted on the Department's Bulletin Board*

**Revision History**



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

Revision Number	Description of Change	Effective Date	Approved by:
2.0	OBE Syllabus Format and Contents	June 17, 2019	
<b>Prepared by:</b>		<b>Date:</b>	
Engr. Ronald D. Fernando <i>Permanent Faculty</i>  Engr. Joshua Benjamin B. Rodriguez <i>Part-time Faculty</i>  Engr. Orlando Tubola <i>Permanent Faculty</i>  Engr. John R. Dela Cruz <i>Part-time Faculty</i>		<b>Reviewed by:</b>  Engr. Julius S. Cansino <i>Chairperson, CpE Department</i>	
<b>Noted by:</b>		<b>Date:</b>	
DR. REMEDIOS G. ADO <i>Dean, College of Engineering</i>			
<b>Approved by:</b>		<b>Date:</b>	
DR. MANUEL M. MUHI <i>Vice-President, Academic Affairs</i>			



**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  
**College of Engineering**

**CLASSROOM OBSERVATION**

FACULTY NAME: \_\_\_\_\_ DEPARTMENT: \_\_\_\_\_ Date: \_\_\_\_\_  
 SUBJECT: \_\_\_\_\_ YEAR & SECTION: \_\_\_\_\_ Time: \_\_\_\_\_

Scale	1	2	3	4	5
Range	20 to 30.9999	31 to 50.9999	51 to 70.9999	71 to 90.9999	91 to 100
Qualitative Description	Poor (P)	Fair (F)	Satisfactory (S)	Very Satisfactory (VS)	Outstanding (O)

	Rating	
	Numerical	Qualitative Description
<b>A. Commitment (Komitment/Pagtatalaga sa Sarili)</b>		
1. Demonstrates sensitivity to students' abilities to attend and absorb content information		
2. Integrates sensitively his/her learning objectives into those of the students in a collaborative process		
3. Makes himself/herself available to students beyond official time		
4. Regularly comes to class on time; well-groomed and well-prepared to complete assigned responsibilities		
5. Keeps accurate records of students' performance and promptly submits the same		
<b>B. Knowledge of Subject (Kaalaman sa Paksa)</b>		
6. Demonstrates mastery of the subject matter(explains the subject matter without relying solely on the prescribed textbook)		
7. Draws and shares information on the state-of-the-art theories and practices in his/her discipline		
8. Integrates subjects into practical circumstances and learning intents/purposes of students		
9. Explains the relevance of present topics to previous lessons and relates the subject matter to relevant current issues and/or daily life activities		
10. Demonstrate up-to-date knowledge and/or awareness of current trends and issues in the subjects		
<b>C. Teaching for Independent Learning (Pagtuturo para sa Malayang Pagkatuto)</b>		
11. Creates strategies that allow students to practice using concepts they need to understand (interactive discussion)		
12. Enhances students' self-esteem and/or gives due recognition to students' performance/potentials		
13. Allows students to create their own course objectives, realistically defines student-professor rules, and makes them accountable to their performance		
14. Allows students to think independently, make their own decisions, and holds them accountable for their performance based largely on their success in executing decisions.		
15. Encourages students to learn beyond what is required and guides them on how to apply the concepts learned		
<b>D. Management of Learning (Pamamahala sa Pagkatuto)</b>		
16. Creates opportunities for intensive and/or extensive contribution of students in the class activities (e.g., breaks class into dyads, triads, or buzz/task groups)		
17. Assumes roles as facilitator, resource person, coach, inquisitor, integrator, referee, in drawing students to contribute to knowledge and understanding of the concepts at hand		
18. Design and implements learning conditions and experiences that promote healthy exchanges and/or confrontations		
19. Structures/re-structures learning and teaching-learning contexts to enhance the attainment of collective learning objectives		
20. Uses instructional materials (audio/video materials: fieldtrips, film-showing, computer-aided instructions etc.) to reinforce learning processes		
<b>FINAL RATING</b>		

**Plus Factors** (Enumerate/ Describe the best practices, innovations in teaching, work attitude, ethical practice, etc.) and **Further Improvements:**

Conformer: \_\_\_\_\_

Observer: \_\_\_\_\_

FACULTY NAME & SIGNATURE

CHAIRPERSON/DEAN NAME & SIGNATURE

College of Engineering and Architecture Bldg, NDC Compound, Anonas Street, Sta. Mesa, Manila 1016  
 Website: www.pup.edu.ph | Email: ce@pup.edu.ph

THE COUNTRY'S 1<sup>ST</sup> POLYTECHNICU







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COMPUTER ENGINEERING DEPARTMENT**



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Sta. Mesa, Manila

**PERFORMANCE MONITORING FORM**

Task No.	Task Description	Expected Output	Date Assigned	Expected Date of Accomplishment	Actual Date of Accomplishment	Quality of Output*	Over-all Assessment of Output**	Remarks / Recommendations
1	Prepares the assigned OBE Syllabus for a specific subject.	Assigned OBE Syllabus from the specific subject	Beginning of the year	On the prescribed deadline	1 or 2 days after the deadline	Very Impressive	Outstanding	Continuance of good performance
2	Prepares the assigned courseware for a specific subject	Assigned Courseware for a specific subject	Beginning of the Semester	On the prescribed deadline	1 or 2 days after the deadline	Very Impressive	Outstanding	Continuance of good performance
3	Prepares the Teaching plan for the assigned subjects	Assigned teaching plan	Beginning of the Semester	On the prescribed deadline	1 or 2 days after the deadline	Very Impressive	Outstanding	Continuance of good performance
4	Prepares and submits the Daily Time Record	Daily Time Record	Various dates	1 to 2 days upon receipt	1 or two days upon receipt	Very Impressive	Outstanding	Continuance of good performance
5	Prepares and submits the Table of Specific and Test Questionnaire of the assigned subject for Departmental Examination	Assigned Test Questionnaire and Table of Specifications	Various dates	On the prescribed deadline	1 or 2 days after the deadline	Very Impressive	Outstanding	Continuance of good performance
6	Prepares and submits the assigned Item Analysis given in the Departmental Exam	Assigned Item Analysis	Various dates	On the prescribed deadline	1 or 2 days after the deadline	Very Impressive	Outstanding	Continuance of good performance
7	Prepares and submit Faculty Clearance Health Clearance	Faculty Clearance/Health Clearance	Various dates	On the prescribed deadline	1 or 2 days after the deadline	Very Impressive	Outstanding	Continuance of good performance
8	Prepares and submit the Class Record and Lab Activities of the assigned teaching loads	Assigned Class Records and Compilation of Lab Activities	Various dates	On the prescribed deadline	1 or 2 days after the deadline	Very Impressive	Outstanding	Continuance of good performance
9	Encodes the Final Grade of the assigned subject on the SIS	Assigned Grade Sheets with Final Grades	Various dates	On the prescribed deadline	1 or 2 days after the deadline	Very Impressive	Outstanding	Continuance of good performance
10	Performs other tasks as assigned by higher authorities	Assigned tasks by higher authorities	Various dates	Within the set deadline	Within the set deadline	Impressive	Outstanding	Continuance of good performance

Prepared by:

*Joshua Benjamin Rodriguez*  
**Engr. Joshua Benjamin Rodriguez**  
Faculty, CpE Dept



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*No Review  
Jan-June ratings*

**PERFORMANCE MONITORING FORM**

Task No.	Task Description	Expected Output	Date Assigned	Expected Date of Accomplishment	Actual Date of Accomplishment	Quality of Output*	Over-all Assessment of Output**	Remarks / Recommendations
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2	Prepares the assigned courseware for a specific subject	Assigned Courseware for a specific subject	Beginning of the Semester	On the prescribed deadline	1 or 2 days after the deadline	Very Impressive	Outstanding	Continuance of good performance
3	Prepares the Teaching plan for the assigned subjects	Assigned teaching plan	Beginning of the Semester	On the prescribed deadline	1 or 2 days after the deadline	Very Impressive	Outstanding	Continuance of good performance
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10	Performs other tasks as assigned by higher authorities	Assigned tasks by higher authorities	Various dates	Within the set deadline	Within the set deadline	Impressive	Outstanding	Continuance of good performance

Prepared by:   
**Engr. Mark Kervin Z. Natividad**  
Faculty, CPE Dept



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

**sweep** TRAINING ATTENDANCE

Module Title : ANDROID FOR BEGINNERS  
Date : June 28-29, 2019  
Venue : ICTO PUP NALRC Lab 1 Phase 1 Computer Lab, Mabini Campus, PUP-MANILA  
Facilitator : RONALD L. RAMOS

Start Time : 0900H  
End Time : 1600H

19	GALLEGO, Marianito P.	MARIANITO P. GALLEGO JR.	ECE			
20	NOREIGA, Ma. Elena A.		ECE			
21	PUBLICO, Anna Liza R.		ECE			
21	RURAL, Faustino R.	FAUSTINO R. RURAL	EE			
22	BIEN, Jesus . Jr. J.	Leave Benjamin J. Bien, Jr.	EE			
23	AUSTRIA, Elias		CCIS			
24	SANTOS, John Dustin	JOHN DUSTIN D. SANTOS	CCIS			
25	VIOLETA, Mariel Leo	MARIEL LEO T. VIOLETA	CCIS			
26	USERO, Sherilyn	SHERILYN B. USERO	CCIS			
27	MIGUEL, Louisa May Jasmine G.	Louisa May Jasmine G. Miguel	CpE/EE Students			
28	TORAL, Corewin Glad V.	same corewin Glad V. Toral	CpE/EE Students			
29	DELOS SANTOS, RENE JR. G.	same	ECE Student			
30	ballardo, Ian Raymond D	ballardo, Ian Raymond D.	ECE Student			
31	Ronald L. Ramos		SMART			
32	Pedreña, Emrito D.	same	ICTO			
33	TIONGA, RBE S	SAME	ECE			
34	Alday, Aaron Charles R.		ECE			
35	Herna, Eugenio F		CPE			
36	OCLIASO, MAVON CHESTER P.	MAVON CHESTER P. OCLIASO	CPE			
37	GALLEMIT, Mc Winley T.	Mc Winley T. Gallemit	ECE			
38	TINIO, RONALDO S.		CPE			



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



Module Title : **ANDROID FOR BEGINNERS**  
Date : **June 26-28, 2019**  
Venue : **ICTO PUP NALRC Lab 1 Phase 1 Computer Lab, Mabini Campus, PUP-MANILA**  
Facilitator : **RONALD L RAMOS**

TRAINING ATTENDANCE

Start Time 0900H  
End Time 1600H

NAME	NAME TO APPEAR ON CERTIFICATE	DEPT/ LEVEL	YEAR	SIGNATURE		
				DAY 1	DAY 2	DAY 3
1. ADO, Remedios G.	Remedios G. ADO	CpE				
2. CANSINO, Julius S		CpE				
3. MAHAGUAY, Rolito L.	ROLITO L. MAHAGUAY	CpE				
4. VELASCO, Antonio Y.	ANTONIO Y. VELASCO	CpE				
5. PAJABERA, Orlando V.	ORLANDO V. PAJABERA	CpE				
6. BUCAO, Blanca I.	Same	CpE				
7. RODRIGUEZ, Joshua Benjamin B.	JOSHUA BENJAMIN B. RODRIGUEZ	CpE				
8. FERNANDO, Roland	Ronald D. Fernando	CpE				
9. REYES, Lutzer U.	LUTZER U. REYES	CpE				
10. OQUINDO, Florinda H.		CpE				
11. DE LA CRUZ, Arvin	ARVIN R. DE LA CRUZ	CpE				
12. NATIVIDAD, Ferdinand O.	FERDINANDO O. NATIVIDAD	CpE				
13. LORICO, Julian	JULIAN L. LORICO, JR.	CpE				
14. DELA CRUZ, John R.	JOHN R. DELA CRUZ	CpE				
15. TINIO, Ronaldo S.	DR. RONALDO S. TINIO	CpE				
16. ANDRES, Ben B.		ECE				
17. CARRASCAL, Alexander S.	Same	ECE				



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 Polytechnic University of the Philippines  
**PUP CANTEEN SERVICES**  
 Sta. Mesa, Manila  
 Tel. Nos. 716-7832 loc. 348/315

**State U**

OFFICIAL RECEIPT No. 2475

Date June 26, 2019

RECEIVED from SMART  
 the sum of pesos Thirty Three Thousand Six Hundred  
pesos only (P. 33,600.00)  
 as full/partial payment for Android Training Workshop

Cash \_\_\_\_\_ P \_\_\_\_\_  
 Check No. \_\_\_\_\_  
 TOTAL \_\_\_\_\_ P 33,600.00 \_\_\_\_\_  
 Authorized Signature [Signature]



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
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COMPUTER ENGINEERING DEPARTMENT



Republic of the Philippines  
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
General Service Office  
UNIVERSITY CATERING SERVICES SECTION

June 26, 2019

TO: SMART  
c/o Engr. Julius S. Cansino

STATEMENT OF ACCOUNT  
No. 060419

CATER SERVICE:	Breakfast	Lunch	Dinner	Snack
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No. of Persons: 32 persons

DATE SERVED: June 26-28, 2019

OCCASION: SMART Android Training-Workshop

ORDER SLIP # \_\_\_\_\_ ORDERED BY: Engr. Julius S. Cansino

XX

350.00 per head for 32pax x 3 days persons amounting to 33,600.00

Above expenses will be charged against SMART

XX

Prepared by:

ALWYN D. MONTAÑA  
Bookkeeper

Noted by:

JOSEPHINE N. FLORES  
Chief, University Canteen





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**COMPUTER ENGINEERING DEPARTMENT**

POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
CANTEEN SERVICES  
Sta. Mesa, Manila

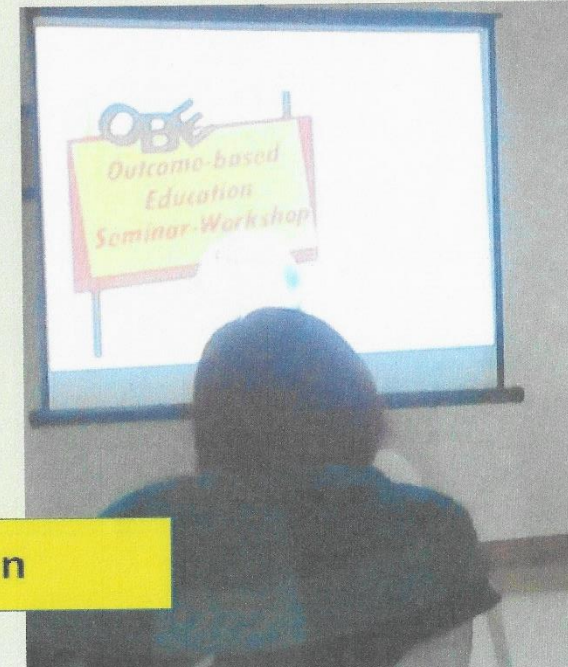
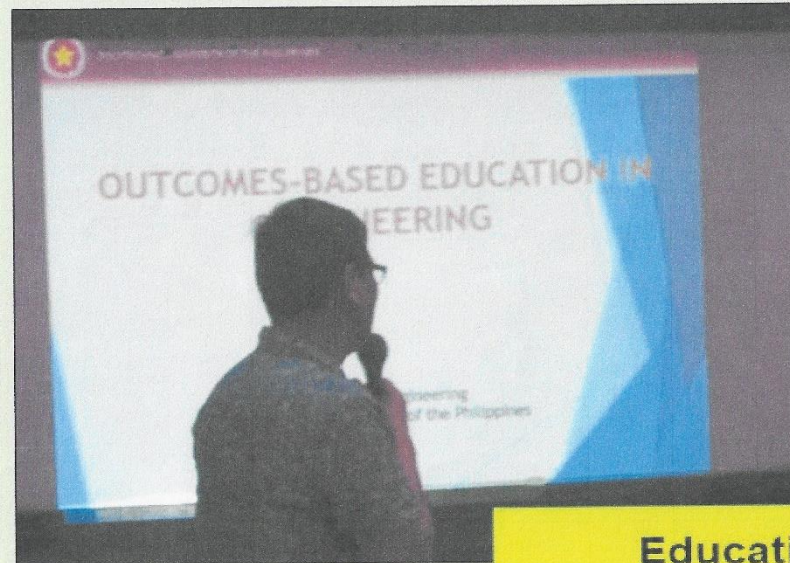
Date 2019	O.S.	Particular		Amount
		SMART ANDROID TRAINING WORKSHOP By: Engr. Julius S. Cansimo		
June 26		Snack am for 32 persons	75.00	2,400.00
		Lunch for 32 persons	200.00	6,400.00
		Snack pm for 32 persons	75.00	2,400.00
June 27		Snack am for 32 persons	75.00	2,400.00
		Lunch for 32 persons	200.00	6,400.00
		Snack pm for 32 persons	75.00	2,400.00
June 28		Snack am for 32 persons	75.00	2,400.00
		Lunch for 32 persons	200.00	6,400.00
		Snack pm for 32 persons	75.00	2,400.00
				<u>33,600.00</u>

Statement of Account # 062619



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**COMPUTER ENGINEERING DEPARTMENT**

**NATIONAL & LOCAL  
FACULTY TRAINING**



Education

(02) 8713 5968 | [dcoe\\_chair@gmail.com](mailto:dcoe_chair@gmail.com)  
RM322 CEA BLDG. NDC COMPOUND,  
ANONAS COR. PUREZA STREETS, STA. MESA, MANILA







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**Management**



**Information and Communication  
Technology**



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FACULTY TRAINING**



Smart partners with the academe for professors' continuing education

Smart Communities

PUP professors  
**explore IP**

SMART SWEEP Training on CCNA 1& 2

Here's the link:

<https://www.youtube.com/watch?v=rhKtSQoxtcs&feature=youtu.be>

0:02 / 1:27

(02) 8713 5968 | [dcoe\\_chair@gmail.com](mailto:dcoe_chair@gmail.com)  
RM322 CEA BLDG. NDC COMPOUND,  
ANONAS COR. PUREZA STREETS, STA. MESA, MANILA



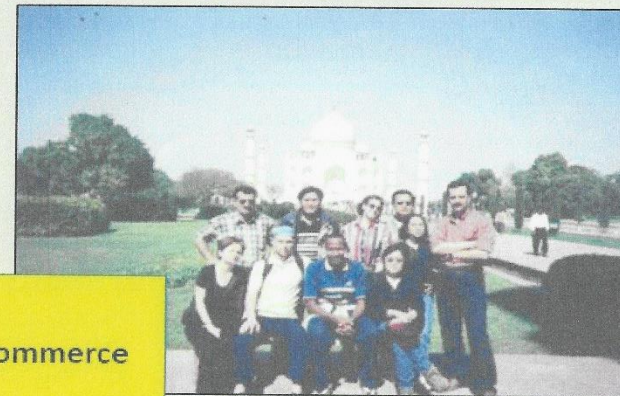


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**COMPUTER ENGINEERING DEPARTMENT**

**INTERNATIONAL FACULTY  
TRAINING**



Engr. Anotnio Y. Velasco  
Surabaya, Indonesia  
“The 8<sup>th</sup> International Training Course on Electronic  
Engineering Education”



Engr. Julius S Cansino at  
New Delhi, India  
“Computer Hardware Training with E-Commerce  
Programming”



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

**COPIES OF ALL COURSE SYLLABI  
(See Separate Exhibit)**



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COMPUTER ENGINEERING DEPARTMENT**



Republic of the Philippines  
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
Sta. Mesa, Manila

**Exhibit 10**

**PERFORMANCE MONITORING AND COACHING JOURNAL**

Name of Office	:	_____	<table border="1"> <thead> <tr> <th colspan="4">QUARTER</th> </tr> <tr> <th>1<sup>ST</sup></th> <th>2<sup>ND</sup></th> <th>3<sup>RD</sup></th> <th>4<sup>TH</sup></th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	QUARTER				1 <sup>ST</sup>	2 <sup>ND</sup>	3 <sup>RD</sup>	4 <sup>TH</sup>				
QUARTER															
1 <sup>ST</sup>	2 <sup>ND</sup>	3 <sup>RD</sup>		4 <sup>TH</sup>											
Head of Office	:	_____													
Number of Personnel	:	_____													

Activity	Mechanism				Remarks
	Individual	Group	Memorandum	Others (Pls. Specify)	
Monitoring					
Coaching					

*Note : Please indicate the date in the appropriate box when the monitoring was conducted.*

Conducted by:

Noted by:

\_\_\_\_\_  
<Name of Immediate Supervisor>  
<Position of Immediate Supervisor>

\_\_\_\_\_  
<Name of Head of Office>  
<Position of Head of Office>



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 Office of the Vice President for Academic Affairs  
**College of Engineering**

**Office Memorandum Order**  
**No. 14, Series of 2019**

**Date:** August 22, 2019  
**To:** College of Engineering Chairpersons, Laboratory Head,  
 Faculty Members  
**Re:** Classroom Observation, First Semester 2019

Please be advised that classroom observation for First Semester, SY 2019-2020 will be conducted this month of August to September 2019 by the Department Chairperson/Senior Faculty Member and College Dean.

The team will use the attached instrument for your reference. Please provide the team copy of your classrecord and course syllabus.

For your information and compliance.

*g*  
 Dr. Remedios G. Ado  
 Dean, College of Engineering

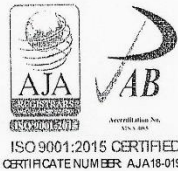
Noted :

*M. Muhi*  
 Dr. Manuel M. Muhi  
 Vice-President for Academic Affairs

OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS (OVFAA)	
PUP STA. MESA, MANILA	
Received by	<i>PORTA</i>
Date	<i>8-22-19</i> Time _____ am/pm

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 Office of the Vice President for Academic Affairs  
**College of Engineering**

**FACULTY TEACHING EVALUATION**  
**CLASSROOM OBSERVATION**

FACULTY NAME: \_\_\_\_\_

DEPARTMENT: \_\_\_\_\_

DATE: \_\_\_\_\_ SUBJECT: \_\_\_\_\_

RANGE	20 to 30.9999	31 to 50.9999	51 to 70.9999	71 to 90.9999	91 to 100
QUALITATIVE DESCRIPTION	Poor (P)	Fair (F)	Satisfactory (S)	Very Satisfactory (VS)	Outstanding (O)

	RATING	REMARKS
<b>Commitment</b> <b>(Komitment/Pagtatalaga sa Sarili)</b>		
Demonstrates sensitivity to students' abilities to attend and absorb content information		
Integrates sensitively his/her learning objectives into those of the students in a collaborative process		
Makes himself/herself available to students beyond official time		
Regularly comes to class on time; well-groomed and well-prepared to complete assigned responsibilities		
Keeps accurate records of students' performance and promptly submits the same		

	RATING	REMARKS
<b>Knowledge of Subject</b> <b>(Kaalaman sa Paksa)</b>		
Demonstrates mastery of the subject matter(explains the subject matter without relying solely on the prescribed textbook)		
Draws and shares information on the state-of-the-art theories and practices in his/her discipline		
Integrates subjects into practical circumstances and learning intents/purposes of students		
Explains the relevance of present topics to previous lessons and relates the subject matter to relevant current issues and/or daily life activities		
Demonstrate up-to-date knowledge and/or awareness of current trends and issues in the subjects		

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ISO 9001:2015 CERTIFIED  
 CERTIFICATE NUMBER: AJA18-0190





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COLLEGE OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING

**MINUTES OF THE MEETING**  
*Computer Engineering Department Meeting*  
August 10, 2019  
Room CEA300  
12:45 PM

**Attendees:** Dr. Remedios G. Ado  
Engr. Arlene B. Canlas  
Engr. Frank Anthony R. Chin  
Engr. Ronald D. Fernando  
Engr. Danilo C. Madrigalejos  
Engr. Rolito L. Mahaguay  
Engr. Orlando V. Pajabera  
Dr. Lutzer U. Reyes  
Engr. Joshua Benjamin B. Rodríguez  
Engr. Bob Mathew D. Sunga  
Engr. Pedrito M. Tenerife Jr.  
Engr. Roman Angelo C. Tria  
Dr. Antonio Y. Velasco

**Presided by:** Engr. Julius S. Cansino

- Engr. Tenerife discussed the accreditation actual visit. He iterated the procedures and the activities in the actual accreditation visit. He emphasized that on Day 2, the accreditors can determine if the college will be passed on the accreditation.
- He also added that the college needs to grade the accreditation instrument and the QAC also grade the instrument separately. He also mentioned that the "Best Practice" will be included and be emphasized in the document.
- He also emphasized that the college needs to have an average grade of 4.50 and above to pass the Level IV Phase 1 accreditation.
- He itemized the three categories of the instrument: System, Implementation and Outcome. He also emphasized that all documents, memos, etc. should have signatories.
- He ended that the copy of Level III Phase 1 Recommendation was already in the department.
- Engr. Cansino discussed that the syllabus content should be collaborated by faculty who teaches the subject and it should be reflected on the syllabus. He added that the syllabus format will be uploaded to the Facebook group and be emailed to the faculty. He also mentioned that there will be designated faculty who will create the syllabus for the subject. He also added that there will be a consultation time and it should be reflected on the syllabus.
- He added that there will be a classroom observation.
- He iterated that the department will be strict in assigning subjects in the laboratory room. He added that the Gabriela Silang room is also available for consultation.
- Engr. Cansino discussed also the thesis that the recommendation from the Design Project 1 shown have copy the proponent, the adviser and the panel on the defense day.
- He said that the defense schedule should be per section per day. And he emphasized that no adviser, no defense policy.
- Engr. Mahaguay suggested that to limit the day of defense. He also added to follow strictly the 45 minutes total time per group.
- Engr. Cansino together with the attendees agreed to schedule the Design Project 2 defense on the third week of September 2019.
- He also agreed that there will be invitation to the alumni to be part of the panel on the defense.

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COLLEGE OF ENGINEERING  
DEPARTMENT OF COMPUTER ENGINEERING

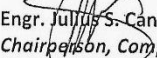
- Engr. Cansino together with the attendees agreed to the schedule defense of the subject:  
Design Project 2: September 24-28  
Project Management: October 1-5  
System Analysis & Design: October 7-11
- He suggested that on Design Project 2 defense, it will be scheduled 10AM-7PM and 10AM-6PM on weekdays and Saturday respectively. And he added the call time should be 1 hour before the defense time.
- He also mentioned that the faculty must use the coelms.com website.
- Engr. Pajabera mentioned that he can help if there will be coelms.com concerns.
- Engr. Cansino also mentioned that the IPCR January to June with attachments is already scheduled for submission.
- He also mentioned that there will be a night bonus for faculty who teaches 6pm onwards.
- He also discussed that there will be departmental final exams for the following subjects:  
First year: Introduction to Programming & CPE Technology  
Second year: Circuit & Data Structures  
Fifth year: Database Management System
- He mentioned that there will be FRA for departmental exams and the funds to be raised will be used to buy CCTV for laboratory rooms.
- He also iterated that the faculty must provide copy of class records, grade sheet and table of specification of exams to the department.
- Engr. Cansino also discussed the Field Trip and Seminar subject will be handled by the faculty who is willing to accompany on the field trip.
- He also said that the faculty attendance will be monitored.
- He also added that there will be Game Development Day by the second year classes and must be documented.
- Dr. Reyes cited that the faculty who attended seminars and trainings must provide proceedings with insights and reflections applicable to the department.


Meeting adjourned: 2:16 PM

Prepared by:

  
Engr. Orlando V. Pajabera  
Head, Computer Engineering Laboratory

Noted by:

  
Engr. Julius S. Cansino  
Chairperson, Computer Engineering Department

  
Dr. Remedios G. Ado 8-13-19  
Dean, College of Engineering

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**OFFICE OF THE PRESIDENT**

<b>PUP - Central Records Section</b>	
<b>Received by:</b>	<i>Roberto S. Palillo</i>
<b>Date:</b>	JUL 02 2019
<b>Time:</b>	5:40

**MEMORANDUM ORDER**  
**No. 15, Series of 2019**

**TO :** ALL CONCERNED OFFICIALS, FACULTY MEMBERS AND ADMINISTRATIVE EMPLOYEES

**SUBJECT:** 2019 REVISED GUIDELINES ON THE PARTICIPATION OF OFFICIALS, FACULTY MEMBERS AND ADMINISTRATIVE EMPLOYEES IN STAFF DEVELOPMENT, SEMINAR AND TRAINING ACTIVITIES

**DATE :** July 2, 2019

**1.0 Rationale and Objectives**

This set of guidelines is established to provide support in the professional growth of officials, faculty members, and administrative employees of the Polytechnic University of the Philippines (PUP) as well as guidance in the grant of this support, including the submission of post activity requirements. This is in line with Polytechnic University of the Philippines' (PUP) established Strategic Performance Management System (SPMS), which aims to empower and enhance the employees' performance towards the attainment of the University goals, motivate them to further development, enhance the culture of performance and ensure accountability.

The PUP SPMS is in compliance with Memorandum Circular No. 6, Series of 2012 of the Civil Service Commission (CSC) otherwise known as the "Guidelines in the Establishment and Implementation of Agency Strategic Performance Management System (SPMS)".

Specifically, this set of guidelines is intended to:

- 1.1 Define the entitlement to privileges of officials, academic and administrative personnel to Polytechnic University of the Philippines (PUP) staff development and training activities;
- 1.2 Set parameters that will be used as basis in the request for and approval of the request for the conduct of and participation in staff development and training activities;
- 1.3 Provide a set of rules and procedures to be followed in complying with the government accounting and auditing rules and regulations before, during and after the conduct of or participation in the staff development or training activity.

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CERTIFICATE NUMBER: AJA18-0150



ISO 9001  
CERTIFICATE NUMBER: SCP0004130



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## 2.0 Scope and Coverage

The guidelines shall cover all University officials, permanent and temporary faculty members, and permanent and casual administrative employees.

## 3.0 Definition of Terms

- 3.1 Staff Development Activities refer to seminars, performance assessment, planning and team building activities;
- 3.2 Seminars refer to seminars, conventions, conferences, symposia and similar non-training gatherings;
- 3.3 Trainings refer to those personnel interventions that are conducted for the purpose of gaining or strengthening the skills and technical expertise or management expertise of the participant in his/her area of endeavour;
- 3.4 Planning refers to the activity conducted by an office/department to determine the programs, activities and projects to achieve the performance targets for the succeeding year/s. It may be a strategic planning, annual action planning, mid-year or year-end assessment;
- 3.5 Training Fund refers to the amount allocated to the office/department to fund the cost that shall be incurred for the participation/attendance in and/or conduct of trainings, conventions and seminars/workshops. This shall cover training fees, honoraria for lecturers (in accordance with Budget Circular 2007-1), cost of handouts, supplies, materials, meals, snacks and all other training related expenses, which does not include travelling and transportation expenses and per diem;
- 3.6 Staff Development Fund refers to the lump sum amount allocated to the office/department to fund the cost that shall be incurred in the conduct of and participation in staff development activities. This shall cover travelling and transportation expenses, per diem and other staff development related activities;
- 3.7 Calibrated Plan refers to the adjusted annual target/commitment of the college/office/department/branch/campus upon conduct of assessment of mid-year accomplishments against target/commitment;
- 3.8 Re-entry Plan refers to the application of the learnings gained from intensive trainings/seminars attended which shall be committed to be accomplished by the concerned official / faculty member / administrative employee;
- 3.9 Competencies are observable, measurable and vital knowledge, skills and attitudes that are translations of capabilities deemed essential for organizational success;
- 3.10 Core Competencies are characteristics that collectively lead to desired outcomes in the organization. Sometimes referred to as foundational or organizational competencies, these consist of behaviours that everyone in the organization must possess regardless of function because they drive overall desired results;

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3

3.11 Functional/Technical Competencies are behaviours or abilities that pertain to a specific body of knowledge and skills required to perform a function or job. It includes abilities to use procedures, techniques and knowledge of a specialised field. These are linked to job roles and the way in which they interact with other roles.

3.12 Leadership Competencies are knowledge, skills and behaviours needed to perform management/leadership functions and processes. These are expected of individuals who supervise staff, or who work through others or a team to get the job done.

#### 4.0 General Provisions

4.1 The University shall allocate annually per office/department funds for staff development and training activities of its personnel. All expenses as cited in items 3.5 and 3.6, incidental to the participation in and conduct of said activities may be charged to these funds.

4.2 University officials, faculty members and administrative employees shall commit to attend/participate in at least eight (8) hours of job-related trainings and thirty-two (32) hours staff development activities. These commitments shall be stated in their respective Individual Performance Commitment and Review (IPCR) in the area of Human Resource Development under Strategic Priority.

4.3 The University shall implement a competency-based learning and development program. University officials, faculty members, and administrative employees shall attend/participate in trainings/seminars that will increase the level of their core, functional/technical, and leadership competencies;

4.4 University officials, faculty members, and administrative employees maybe authorized to participate in conventions, seminars, conferences, symposia, and such other activities conducted by Non-Government Organizations (NGOs) or private institutions for a fee, as part of the human resource development program of the University, in accordance with the rules and regulations prescribed by the Civil Service Commission (CSC) and the Department of Budget and Management (DBM), chargeable against University funds;

4.5 Staff Development Activities Sponsored by Private Organizations (POs) and Non-Government Organizations (NGOs):

4.5.1 The registration fee or charge for the participation in the conventions, seminars, conferences, symposia, and other similar non-training gatherings sponsored by non-government organizations or private institutions shall not exceed Two Thousand Pesos (P2,000.00) per day per participant as prescribed in NBC 563. Any amount in excess of the prescribed rate shall be at the expense of the participant.

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- 4.5.2 In case where the convention/conference/seminar is held outside the fifty (50) Kilometer radius from the permanent official station, authorized participants may be entitled to transportation expenses and Daily Travel Expense (DTE) as authorize under Executive Order No. 77;
- 4.5.3 Membership and similar fees paid for personal or individual membership in private organization shall be for the account of the member concerned and shall not be charged against University funds. However, institutional membership, that is PUP membership, may be charged to University funds;
- 4.5.4 All expenditures for the purpose shall not exceed the appropriation for training and seminar expenses of offices/departments concerned and shall be subject to the usual accounting and auditing rules and regulations;
- 4.6 Staff Development Activities Sponsored by Government Organizations (GOs) and Training Activities Sponsored by Government Organizations (GOs), Private Organizations (POs) and Non-Government Organizations (NGOs);
- 4.6.1 Seminars, conferences and the like that are conducted or organized by government institutions, including trainings conducted by government institutions or NGOs/POs that are not covered by NBC 563, and, thus, payment for actual registration fees in these functions may be fully shouldered by the University, provided, such amount does not exceed a total amount of Fifteen Thousand Pesos (PhP15,000.00) for 2019 and Twenty Thousand Pesos (PhP20,000.00) for the succeeding years per activity/function;
- 4.6.2 The approval of funding request shall be subject to the availability of funds allocated for the office/department of the requesting individual. The head of office/department shall coordinate with the Budget Services Office (BSO) in monitoring the balance of said funds;
- 4.7 Planning Activities
- 4.7.1 The conduct of annual action planning activity shall be ONCE for each year within the months of October and November. It shall be limited to three (3) days, inclusive of travel time which shall not exceed one (1) day. University funding support for the planning activity shall be limited to the allocation for each employee of the office/department based on the actual attendance and subject to the availability of funds;
- 4.7.2 A transportation allowance shall be provided to each participant in the amount of One Thousand Five Hundred Pesos (P1,500.00) or based on actual transportation fare, whichever is lower. In case of rented vehicle, the cost shall be based on the equivalent mode of transportation to the venue;

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- 4.7.3 The office/department may request for the use of the University vehicle, subject to the availability of the said vehicle. In this case, no transportation allowance will be provided but the University will cover gasoline expenses, per diem of the University driver, and toll fees;
- 4.7.4 Mid-year assessment planning shall be conducted by the office/department which shall not exceed two (2) days. For Campuses located within Metro Manila, the assessment planning activity shall be conducted within the National Capital Region (NCR). In the case of Branches and Campuses outside Metro Manila, the assessment planning activity shall be conducted within the city or municipality where the branch or campus is located.
- 4.7.5 For mid-year assessment-planning, the University shall provide meal allowance of Four Hundred Fifty Pesos (PhP450.00) per day per participant chargeable against the office/department Staff Development Fund based on actual attendance and shall cover gasoline expense and toll fees, when the University vehicle will be utilized;
- 4.7.6 Under the normal performance cycle of the University, the year-end assessment shall be undertaken by an office within the same period as that of the annual action planning/development planning;
- 4.7.7 Post Planning/Assessment report shall be submitted within fifteen (15) calendar days from the last day of the activity. This shall include the narrative report, certificate/s of participation / attendance / completion, photo documentation and copy of the outputs of the planning activity as follows:
- 4.7.7.1 For Mid-Year Assessment Planning
    - 4.7.7.1.1 Assessment Report;
    - 4.7.7.1.2 Calibrated Plan;
  - 4.7.7.2 For Annual Action Planning
    - 4.7.7.2.1 Action Plan
    - 4.7.7.2.2 Project Procurement Management Plan (PPMP) for the ensuing year;
- 4.7.8 The sector duly acknowledged reports shall be submitted to the Human Resource Management Department (HRMD) as basis for the issuance of Certificate of Compliance. HRMD shall transmit to the Institutional Planning Office (IPO) the said calibrated and action plans

Offices shall also provide Sector Heads of the copy of the outputs of the planning activity.

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4.8 Other Provisions

4.8.1 University Officials, faculty members, and administrative employees may be allowed to attend at most two (2) national conferences and one (1) international conference with funding support every year, subject to the availability of office/department funds. On the other hand, if the allocated funds of the office/department are fully utilized, the participation of concerned University official, faculty member and administrative employee, if approved, may be issued Special Order on official time only.

In case of international travel, the participant must comply with Executive Order No. 77, Series of 2019 – Prescribing Rules and Regulations and Rates of Expenses and Allowances for Official Local and Foreign Travels of Government Personnel, Commission on Higher Education (CHED) Guidelines for Securing Authority to Travel Abroad for State Universities, Colleges, PUP Memorandum Order No. 25, Series of 2018 and other related issuances;

4.8.2 For activities organized by institutions other than PUP, casual employees who have rendered at least six (6) months of continuous service in PUP shall be entitled to staff development privileges while one (1) year of continuous service shall entitle the same employees to training privileges. Employees retiring within one (1) year or with application for optional retirement shall not be entitled to financial support for participation in staff development and training activities held outside the University campus as provided herein. However, they may be allowed to attend/participate in these activities on official time only;

4.8.3 For the attended seminar/training, a Post Activity Report shall be submitted to the HRMD–Training and Development Section within fifteen (15) calendar days upon completion of the activity. The report shall include the narrative of the proceedings, photo documentation, certificates of attendance / participation / completion, evaluation of the learning service provider and re-entry plan of the personnel involved;

4.8.4 The conduct of echo seminar/sharing (structure or unstructured) shall be limited to training/s attended/participated. Proof of echo seminar/sharing conducted shall be submitted to HRMD–Training and Development Section within fifteen (15) working days upon conduct of the echo seminar/sharing;

4.8.5 All requests for participation/attendance to staff development, seminar and training activities will be subject to the evaluation and recommendation of the Human Resource Management Department (HRMD) – Training and Development Section prior to its endorsement to the Sector Vice President;

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- 4.8.6 All requests for the participation/attendance in and conduct of trainings, conventions and seminars/workshops, and the conduct of staff development activities shall be subject to the approval of the President thru the Vice President for Finance, upon recommendation of the concerned Vice President;
- 4.8.7 In case the staff development and training funds of the office/department are fully utilized or not sufficient to cover the participation of a faculty-designee in the staff development and training activities, he or she may request that the funds may be sourced from his/her mother academic unit, provided the College Dean endorses the request;
- 4.8.8 The number of recommended employees in an administrative office who will attend the same trainings/seminars shall not exceed twenty percent (20%) of the manpower complement of the office. However, the requesting office may seek exemption subject to the approval of the Vice President for Administration (VPA) provided that the operational efficiency of the office will not be hampered;
- 4.8.9 The Human Resource Management Department (HRMD) shall issue office memorandum concerning re-echo seminar, re-entry plan and submission of reports.

### 5.0 Procedures

- 5.1 The head of office/department shall prepare request for the participation/attendance in and conduct of trainings, conventions and seminars/workshops, and the conduct of staff development activities addressed to the University President thru the Executive Vice President and the Vice President for Finance. The request for the conduct of staff development and trainings activities shall be supported with a project proposal with the following details:
- 5.1.1 Title of Activity;
  - 5.1.2 Venue;
  - 5.1.3 Duration;
  - 5.1.4 Description and Rationale;
  - 5.1.5 Objectives;
  - 5.1.6 Target Participants;
  - 5.1.7 Budgetary Requirements;
- 5.2 The request including documentary requirements shall be submitted to the HRMD Training and Development Section for evaluation and recommendation at least one (1) month prior to the conduct of the activity;
- 5.3 Request (including documentary requirements as listed in item 6.0 of this set of guidelines) shall be evaluated first by the HRMD Training and Development Section, and shall be endorsed to the concerned sector head for recommendation to the President for approval, thru the Vice President for Finance, if necessary;

2<sup>nd</sup> floor South Wing PUP A, Mabini Campus Anonas Street, Sta. Mesa, Manila  
Phone: (Direct Line) 716-1143; Telefax: 7162644 (Trunk Line) 3351-777/787 local 201/202/658/659  
Website: [www.pup.edu.ph](http://www.pup.edu.ph) e-mail: [president@pup.edu.ph](mailto:president@pup.edu.ph)

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ISO 9001:2015 CERTIFIED  
CERTIFICATE NUMBER: AJA18-0190





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**COMPUTER ENGINEERING DEPARTMENT**

- 5.4 The President shall forward the approved request to the Human Resource Management Department (HRMD) for the preparation of Special Order.

**6.0 Documentary Requirements**

6.1 Planning Activity

- 6.1.1 Request Letter;
- 6.1.2 Project Proposal;
- 6.1.3 Course Outline / Program of Activities and Itinerary;
- 6.1.4 Certificate of Compliance from the HRMD on the Submission of Previous Post Activity Report or No Pending Submission of Post Activity Report;
- 6.1.5 Certificate of Compliance from the Internal Audit Office (IAO) on the submission of Post-Planning Activity Report;
- 6.1.6 Canvass of at least three (3) venues within the area (For conduct of out-of-campus staff development or training activity);
- 6.1.7 Skeletal force letter (indicating the name of staff/s assigned to handle office transactions during the Planning/Staff Development Activity); and
- 6.1.8 Budgetary Requirements using the Budget Services Office (BSO) prescribed form.

6.2 Seminar / Training / Conference

- 6.2.1 University Prescribed Application and Recommendation Letter (Annex A);
- 6.2.2 Course Description, Course Objectives, and Course Outline/ Program of Activities;
- 6.2.3 Human Resource Management Department (HRMD) Evaluation and Recommendation;
- 6.2.4 Certificate of Compliance from the HRMD on the Submission of Previous Post Activity Report or No Pending Submission of Post Activity Report;
- 6.2.5 Canvass of at least three (3) venues within the area (For conduct of out-of-campus staff development or training activity);
- 6.2.6 Invitation of sponsoring agency/organization (containing the amount of registration fee, date of activity and venue); and
- 6.2.7 Budgetary Requirements using the Budget Services Office (BSO) prescribed form.

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**7.0 Sanctions**

The non-submission of post activity report/s on the participated/attended and conducted trainings, conventions and seminars/workshops and conducted staff development activities shall be a ground for the disapproval of or non-action on current request for staff development or training activity until such time the submission of post activity report/s is complied with.


**8.0 Repealing Clause**

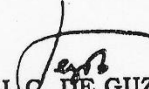
Any other guidelines, administrative order, rule or regulation and/or parts thereof contrary to or inconsistent with the provisions of this set of guidelines is hereby repealed, modified or amended accordingly.

**9.0 Effectivity**

This set of guidelines shall take effect on June 21, 2019.

**CONTROLLED COPY**

Signed by:  Date: 7-2-19

  
**EMANUEL C. DE GUZMAN, PhD**  
President

2<sup>nd</sup> floor South Wing PUP A, Mabini Campus Anonas Street, Sta. Mesa, Manila  
Phone: (Direct Line) 716-1143; Telefax: 7162644 (Trunk Line) 3351-777/787 local 201/202/658/659  
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Republic of the Philippines  
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
OFFICE OF THE VICE PRESIDENT FOR RESEARCH, EXTENSION AND DEVELOPMENT

August 23, 2019

Deans and Chairpersons  
This University

Dear Sir/Maam,

Good day. I am the project leader of an approved Department of Science and Technology- Philippine Council for Industry, Energy and Emerging Technology Research and Development (DOST-PCIEERD) research project. I would like inform you of the following job openings. Our group is focused on advanced novel driven research on energy sustainability. Please see attached details on job descriptions. We hope for your assistance in the dissemination of our job opening.

Thank you very much.

Very truly yours,

*GINNO L. ANDRES*  
GINNO L. ANDRES, DENG  
Project Leader

*Chairperson,  
Pls extend assistance  
about DOST Research  
job openings due on  
Aug. 31, 2019.  
of 8.23.19*

Room 406 4<sup>th</sup> Floor South Wing PUP A, Mabini Campus Anonas Street, Sta. Mesa, Manila  
Phone: (Trunk Line) 3351777 local 219; website: [www.pup.edu.ph](http://www.pup.edu.ph) e-mail: [ipco@pup.edu.ph](mailto:ipco@pup.edu.ph)





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 OFFICE OF THE VICE PRESIDENT FOR RESEARCH, EXTENSION AND DEVELOPMENT

**Job Opening**

**Advanced Novel Driven Research on Energy Sustainability Laboratory**

Job Title	Project Assistant II (Electronics ✓ Communication Engineering)	Clerk ✓
Education	Graduate of Bachelor's Degree in Electronics Communication Engineering	Graduate of any Bachelor's Degree
Experience	None required	None required
Training	One (1) year relevant work training	None required
Eligibility	None required	None required
Additional qualifications:	Can work under minimum supervision Has knowledge of basic office and procedure/use of application	Computer literate: Microsoft Office (Word, Excel, and Powerpoint)
Duties and Responsibilities	Assist the Project Leader in the coordination, implementation and monitoring of division activities; Performs laboratory experiments on electric vehicle components; Assists in writing new proposals; Must be able to multi-task and work under pressure with minimum supervision in office environment; Performs such other duties as may be assigned from time to time.	Responsible for the planning and procurement activities of the project; Provide technical assistance to the end-users in the preparation of Project Procurement Management Plans; Manage and monitor all phases of the procurement process; Create and maintain price monitoring list of goods and services regularly procured by the project and a list of suppliers, contractors and consultants; Attends to the Bids and Awards Committee (BAC) meetings; Must be able to multi-task and work under pressure with minimum supervision in office environment; Performs such other duties as may be assigned from time to time.
Monthly Salary, Php	22,461.60	14,296.80

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ISO 9001:2015 CERTIFIED  
 CERTIFICATE NUMBER: AJA 18-030



ISO 9001:2015 CERTIFIED  
 CERTIFICATE NUMBER: SCP0004130



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**Job Opening  
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Training	One (1) year relevant work training	None required
Eligibility	None required	None required
Additional qualifications:	Can work under minimum supervision Has knowledge of basic office and procedure/use of application	Computer literate: Microsoft Office (Word, Excel, and Powerpoint)
Duties and Responsibilities	Assist the Project Leader in the coordination, implementation and monitoring of division activities; Performs laboratory experiments on electric vehicle components; Assists in writing new proposals; Must be able to multi-task and work under pressure with minimum supervision in office environment; Performs such other duties as may be assigned from time to time.	Responsible for the planning and procurement activities of the project; Provide technical assistance to the end-users in the preparation of Project Procurement Management Plans; Manage and monitor all phases of the procurement process; Create and maintain price monitoring list of goods and services regularly procured by the project and a list of suppliers, contractors and consultants; Attends to the Bids and Awards Committee (BAC) meetings; Must be able to multi-task and work under pressure with minimum supervision in office environment; Performs such other duties as may be assigned from time to time.
Monthly Salary, Php	22,461.60	14,296.80

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Job Title	Project Assistant I (Chemistry)	Project Assistant I (Communications) ✓	Project Assistant I (Mechanical Engineering) ✓
Education	Graduate of Bachelor's Degree in Chemistry, Material Science or related courses	Graduate of Bachelor's Degree in Communication or related Field ✓	Graduate of Bachelor's Degree in Mechanical Engineering, Transportation Engineering, or related courses
Experience	None required	One (1) year relevant work experience	None required
Training	None required	Four (4) hours relevant training	None required
Eligibility	None required	None required	None required
Additional qualifications:	Can work under minimum supervision Has knowledge of basic office and procedure/use of application	Can work under minimum supervision Has knowledge of basic office and procedure/use of application	Can work under minimum supervision Has knowledge of basic office and procedure/use of application
Duties and Responsibilities	Performs laboratory experiments on chemistry part of the project; Assists in writing new proposals; May act as pollution control officer and safety officer of the laboratory; Must be able to multi-task and work under pressure with minimum supervision in office environment; Performs such other duties as may be assigned from time to time.	Assist the Project Leader in the coordination, implementation and monitoring of division activities; Writes/develops content for information, education and communication (IEC) materials for the project; Develops video presentations for social media; Prepares progress reports; Assists in writing new proposals; Performs routinary tasks such as records keeping, typing, lettering, data collection, etc.; Prepares minutes of the meeting and press releases; Performs such other duties as may be assigned from time to time.	Assist the Project Leader and Project Assistant I in the coordination, implementation and monitoring of division activities; Performs laboratory experiments on electric vehicle components; Assists in writing new proposals; Must be able to multi-task and work under pressure with minimum supervision in office environment; Performs such other duties as may be assigned from time to time.
Monthly Salary, Php	19,538.40	19,538.40	19,538.40

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OFFICE OF THE VICE PRESIDENT FOR RESEARCH, EXTENSION AND DEVELOPMENT

Applicants may submit resume and letter of intent on or before August 31, 2019 to

- ✓ Dr. Ginno L. Andres
- Project Leader, Advanced Novel Driven Research on Energy Sustainability Laboratory
- S406 Main Building
- Polytechnic University of the Philippines
- Sta. Mesa, Manila
- ginnoandres@gmail.com

Room 406 4<sup>th</sup> Floor South Wing PUP A. Mabini Campus Anonas Street, Sta. Mesa, Manila  
Phone: (Trunk Line) 3351777 local 219; website: [www.pup.edu.ph](http://www.pup.edu.ph) e-mail: [ipco@pup.edu.ph](mailto:ipco@pup.edu.ph)





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Office of the President for Research, Extension and Development  
**RESEARCH MANAGEMENT OFFICE**

PUPCTS No. 2019731610

July 15, 2019

**DR. REMEDIOS G. ADO**  
Dean  
College of Engineering

*Chairperson, Lab. Head,  
Faculty Member  
Pls. attend the training-  
Workshop on Oct. 16-18, 2019*

Dear Dr. Ado:

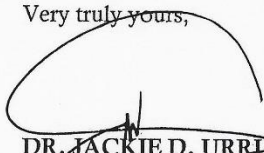
The office of the Vice President for Research, Extension and Development- Research Management Office initiates the **BATCH 2** of the training-workshop titled: **"Pathways to Refereed International Journal Publication"** which will be offered to faculty members specializing in **Science, Technology, Engineering and Mathematics(STEM)** on October 16 to 18, 2019 at ICTC Lab 1, NALLRC, PUP Sta. Mesa, Manila.

In this regard, we are pleased to invite you and your Faculty Members to participate in the above scheduled training-workshop. Registration is FREE as long as the participants have at least one completed researches in the past three years which are not yet published. Slots for this event are limited.

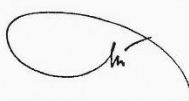
If interested, please fill up the attached registration form together with the copy of your Full Paper and submit it to the Faculty Researchers Office at S-425 and look for Assoc. Prof. Renato E. Apa-ap or at the Research Management Office(S-306) for evaluation. If accepted, registrant will be notified via email. For inquiries and further information regarding the matter, please contact Assoc. Prof. Renato E. Apa-ap at telephone numbers (02) 335 1787 Loc. 357 / 0995-4133919.

Thank you and we look forward to seeing you at the event.

Very truly yours,

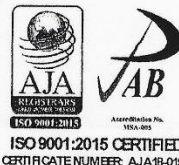
  
**DR. JACKIE D. URRUTIA**  
Director

Noted:

  
**DR. ANNA RUBY P. GAPASIN**  
Vice President for Research, Extension and Development

PUP A. Mabini Campus, Anonas Street, Sta. Mesa, Manila 1016  
Direct Line: 335-1752 | Trunk Line: 335-1787 or 335-1777 local 235 or 357  
Website: www.pup.edu.ph | Email: rmo@pup.edu.ph

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Office of the Vice-President for Academic Affairs

Date : 8-13-19

For/To : DEAN ADD  
DEAN CAUZ  
ALL CE / I TECH DEPT  
HEADS

Re : PAES INT'L CONFERENCE

For your information       Please reply  
 Please comment       Please disseminate  
 Forward to the next official/person       Let us discuss  
 For immediate appropriate action       Please identify fund source  
 Please attend to this immediately and report back       For posting in the bulletin board  
 Please coordinate with \_\_\_\_\_

Remarks : PLS. ENCOURAGE YOUR  
FACULTY TO PARTICIPATE  
IN THE CONFERENCE

Dr. Manuel M. Muhi  
Vice President



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Republic of the Philippines  
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**OFFICE OF THE PRESIDENT**

PUP - Central Research Section	
Received by: <i>Arj. Obros</i>	
Date: <i>7/26/19</i>	<i>11:45 am</i>

**MEMORANDUM ORDER**  
No. 17, Series of 2019

*Chairperson, Lab Head  
Faculty. In info. of 7-30-19*

**TO :** ALL UNIVERSITY OFFICIALS, SECTORS, OFFICES, COLLEGES, DEPARTMENTS, BRANCHES AND SATELLITE CAMPUSES, SECTIONS, AND COMMITTEES

**SUBJECT:** HARMONIZATION, MANAGEMENT AND EVALUATION OF UNIVERSITY ICT PROJECTS, ACTIVITIES AND DEVELOPMENT PLANS

**DATE :** July 26, 2019

In line with the University's commitment on effective governance and its strategic objective of campus modernization through the use of state-of-the-art Information and Communications Technology (ICT), there is a need to rationalize, harmonize, streamline, simplify, integrate and unify the ICT programs and projects of the University.

Through DBM-DOST-ICTO-NEDA Joint Memorandum Circular (JMC) No. 2012-01 and DICT-DBM-NEDA JMC No. 2017-001, the Medium-Term Information and Communications Technology Harmonization Initiative (MITHI) was established. It is an e-Government and ICT support initiative that aims to harmonize ICT-related resources, programs and projects in all national government agencies until the year 2022. Furthermore, with the issuance of DBM- DOST-ICTO-NEDA JMC 2014-01 and the DICT Government-wide MITHI Advisory dated November 7, 2016, the development and submission of a streamlined Information Systems and Strategic Plan (ISSP) was made mandatory for all government agencies. The ISSP is a three-year blueprint that describes how the agency intends to strategically use ICT in pursuit of its mission and fulfillment of its functions. It is the overall strategic plan of an agency for the development and implementation of ICT with the corresponding resource/budget requirements over a fixed long-term period.

In view of the above considerations, all ICT plans and programs of all offices, departments and units in the Main Campus, Branches and Satellite Campuses, including all other programs or plans that make use of ICT as a critical and integral part, must be coursed through the PUP Information and Communications Technology Office (ICTO) for assessment and evaluation, and to ensure alignment to the PUP-ISSP (2018-2020) before endorsement of the said plans/programs by the ICTO to the EXECOM and the University President for consideration and approval.

For compliance.

CONTROLLED COPY

*Jesol*  
EMANUEL C. DE GUZMAN, PhD



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

FOR : CONCERNED DEANS, PROGRAM CHAIRS AND DIRECTORS

FROM : Dr. SANJAY P. CLAUDIO *Chairman,*  
Director *prepare the curr. presentation on Aug. 29 of 8-8-19*

SUBJECT : CURRICULUM CONSULTATION, REVIEW AND INITIAL PRESENTATION OF PROPOSED REVISED CURRICULUM FOR SY 2020 - 2021

DATE : August 6, 2019

To continuously enhance student learning, engagement, experience and outcomes, there is a need for a periodic review, enrichment and redevelopment of our curricula. In connection with this, the Office of the Vice President for Academic Affairs instructed our Office to conduct series of curriculum consultation and review of proposed revised curricula for SY 2020 - 2021 before presentation in the University Curriculum Evaluation Committee.

Kindly provide our office a hard copy of the proposed revised curriculum for SY 2020 - 2021 using the new templates five (5) days before the scheduled presentation below:

Academic Programs		Schedule
<b>COLLEGE OF ACCOUNTANCY AND FINANCE</b>		
1	Bachelor of Science in Accountancy	September 11, 2019, Wednesday, 3PM, QAC Conference Room
2	Bachelor of Science in Financial Management (formerly Bachelor of Science in Banking and Finance)	
3	Bachelor of Science in Management Accounting (New)	
<b>COLLEGE OF ARCHITECTURE AND FINE ARTS</b>		
1	Bachelor of Science in Architecture	September 13, 2019, Friday, 9AM, QAC Conference Room
2	Bachelor of Science in Interior Design	
<b>COLLEGE OF ARTS AND LETTERS</b>		
1	Bachelor of Arts in Filipino	August 27, 2019, Tuesday 3PM, QAC Conference Room
2	Bachelor of Arts in Philosophy	
3	Bachelor of Arts in English Language Studies (formerly Bachelor of Arts in English)	
4	Bachelor of Arts in Literary and Cultural Studies (new)	
5	Bachelor of Performing Arts major in Theater Arts (formerly BA Theater Arts)	
<b>COLLEGE OF BUSINESS ADMINISTRATION</b>		
1	Bachelor of Science in Business Administration major in Marketing Management	August 28, 2019,

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<b>COLLEGE OF LAW</b>		
1	Juris Doctor	
<b>COLLEGE OF POLITICAL SCIENCE AND PUBLIC ADMINISTRATION (CPSPA)</b>		
1	Bachelor in Public Administration	September 6, 2019, Friday, QAC Conference Room
2	Bachelor of Arts in Political Economy	
3	Bachelor of Arts in Political Science	
4	Bachelor of Arts in International Studies (New)	
<b>COLLEGE OF SCIENCE (CS)</b>		
1	Bachelor of Science in Biology	August 22, 2019, Thursday, 9AM QAC Conference Room
2	Bachelor of Science in Chemistry	
3	Bachelor of Science in Mathematics	
4	Bachelor of Science in Applied Mathematics	
5	Bachelor of Science in Statistics (formerly Bachelor in Applied Statistics)	
6	Bachelor of Science in Physics	
7	Bachelor of Science in Nutrition and Dietetics	
8	Bachelor of Science Food Technology	
<b>COLLEGE OF SOCIAL SCIENCES AND DEVELOPMENT (CSSD)</b>		
1	Bachelor of Arts in History	September 4, 2019, Tuesday, 3PM, QAC Conference Room
2	Bachelor of Science in Economics	
3	Bachelor of Science in Psychology	
4	Bachelor of Arts in Sociology (formerly Bachelor of Science in Sociology)	
5	Bachelor of Science in Cooperatives (formerly Bachelor in Cooperatives)	
6	Bachelor of Science in Social Development (new)	
<b>COLLEGE OF TOURISM, HOSPITALITY AND TRANSPORTATION MANAGEMENT (CTHTM)</b>		
1	Bachelor of Science in Hospitality Management	September 10, 2019, Tuesday, 3PM, QAC Conference Room
2	Bachelor of Science in Tourism Management	
3	Bachelor of Science in Transportation Management (formerly Bachelor in Transportation Management)	
<b>GRADUATE SCHOOL (GS)</b>		
1	Master of Arts in Filipino	September 12, 2019, Thursday, 9AM, QAC Training and Workshop Area
2	Master of Arts in Economics	
3	Master of Science in Engineering	
4	Master of Science in Industrial Engineering and Management	
5	Master in Applied Statistics	
6	Master in Business Administration	
7	Master in Communication	
8	Master in Information Technology	
9	Master in Psychology	
10	Master in Public Administration	
11	Doctor in Business Administration	
12	Doctor in Public Administration	
13	Doctor of Philosophy in Engineering (new)	
14	Doctor of Philosophy in Psychology (new)	
<b>LOPEZ AND MULANAY BRANCH</b>		
1	Bachelor in Agribusiness Management (formerly Bachelor of Science in Agribusiness Management and Entrepreneurship)	August 30, 2019, Tuesday, 9AM, QAC Conference Room
<b>INSTITUTE OF TECHNOLOGY</b>		
1	Diploma in Office Management Technology	September 11, 2019,
2	Diploma in Information and Communication Technology	

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 Administration  
MEDICAL SERVICES DEPARTMENT

<b>PUP - Central Records Section</b>	
Received by: <i>Antonio S. Palillo</i>	
AUG 13 2019	1:30
Date:	Time:

OFFICE MEMORANDUM 008  
Series of 2019

TO : DEANS / DIRECTORS / CHAIRPERSONS / CHIEF OF OFFICES /  
PRINCIPALS

SUBJECT: DENGUE ALERT

DATE : AUGUST 10, 2019

*Chairpersons, Lab Head,  
Faculty, Students  
(Council + Spectrum)  
for info. of 8.15.19*

The Department of Health (DOH) declared a State of National Dengue Epidemic in some regions due to significant rapid increase of about 98% higher cases of dengue fever recorded since January-July 2019 this year as compared to the same period in 2018 with 622 deaths.

✓ In the interest of Public Health and Safety, *the Medical Services (MSD) would like to inform and promote awareness in the prevention and control of Dengue Fever / Dengue Hemorrhagic Fever by following precautionary measures such as:*

- Search, remove or destroy possible breeding sites of mosquitoes.
- Practice cleaning of surroundings and draining possible water storage containers (open cans/bottles, flower vase, rubber tires) to prevent the spread of mosquitoes.
- Cover water storage containers.
- Consult your Physician or nearest medical clinics in your campus on the early signs and symptoms of the disease. Early detection and prompt supportive treatment lower the risk of complications and death.

✓ *The following are sign and symptoms of Dengue Fever / Dengue Hemorrhagic Fever:*

1. Sudden onset of high grade fever
2. Severe headache
3. Body weakness
4. Joint and muscle pain
5. Abdominal pain
6. Nausea / vomiting
7. Skin rashes (red tiny spots in the skin) which may appear 3-4 days after the onset of fever
8. Nose or gum bleeding

Ground Floor, East Wing, PUP A. Mabini Campus, Anonas Street, Sta. Mesa, Manila 1016  
Trunk Line: 335-1787 or 335-1777 local 385 (Medical Director's Office), 312 (Clinic)  
Website: www.pup.edu.ph | Email: medical@pup.edu.ph

THE COUNTRY'S 1<sup>ST</sup> POLYTECHNICU





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



Republic of the Philippines  
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
College of Engineering

**NOTICE OF MEETING**

To: College of Engineering Chairpersons and Lab Head  
Dr. Maria Theresa Bongulto  
Engr. Rhodora Buluran  
Engr. Pedrito Tenerife  
Department Extension Coordinators

Subject: CE Coordination Meeting

Date: July 03, 2019

=====  
Let us meet on July 05 (Friday), at 1:30 in the afternoon in Gabriela Silang Conference Room.

**AGENDA:**

1. Extension Program (Dr. Bongulto)
2. Research (Engr. Buluran)
3. Room Assignment and Utilization (Lab. Head)
4. Accreditation (Engr. Tenerife)
5. Other matters

Dr. Remedios G. Ado  
Dean



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



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

CE

TO: AVP E. MARIANO  
 PROF. S. MEDRANO  
 DR. R. DIZON  
 DR. M. COMUYOG  
 ALL DEPARTMENT CHAIRS ✓ *pls attend the meeting of 8-2-19*  
 ALL GRADUATE PROGRAM CHAIRS

FROM: DR. M. MUHI

SUBJECT: COORDINATION MEETING

DATE: JULY 30, 2019

NOTICE OF MEETING

Date/Time: August 7, 2019 / 9:00 am TMMU  
 Venue: Library Board Room

AGENDA

1. Second Semester Subject Offerings
2. Room Assignments/Faculty Assignments
3. Transition Term Committee
4. Other Matters

*9/19  
 8/15  
 1/19  
 8/5/19*

edit, PUP A. Mabini Campus, Anonas Street, Sta. Mesa, Manila 1016  
 trunk Line: 335-1787 or 335-1777 local 236 or 302





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



Republic of the Philippines  
**POLYTECHNIC UNIVERSITY OF THE PHILIPPINES**  
Office of the President for Research, Extension and Development  
**RESEARCH MANAGEMENT OFFICE**

PUPCTS No. 201973/610

July 15, 2019

**DR. REMEDIOS G. ADO**  
Dean  
College of Engineering

*Chairperson, Lab. Head,  
Faculty Member  
Pls. attend the training-  
Workshop on Oct. 16-18, 2019*

Dear Dr. Ado:

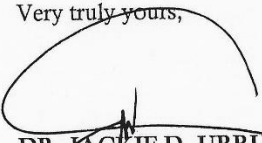
The office of the Vice President for Research, Extension and Development- Research Management Office initiates the **BATCH 2** of the training-workshop titled: "**Pathways to Refereed International Journal Publication**" which will be offered to faculty members specializing in **Science, Technology, Engineering and Mathematics(STEM)** on October 16 to 18, 2019 at ICTC Lab 1, NALLRC, PUP Sta. Mesa, Manila.

In this regard, we are pleased to invite you and your Faculty Members to participate in the above scheduled training-workshop. Registration is FREE as long as the participants have at least one completed researches in the past three years which are not yet published. Slots for this event are limited.

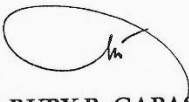
If interested, please fill up the attached registration form together with the copy of your Full Paper and submit it to the Faculty Researchers Office at S-425 and look for Assoc. Prof. Renato E. Apa-ap or at the Research Management Office(S-306) for evaluation. If accepted, registrant will be notified via email. For inquiries and further information regarding the matter, please contact Assoc. Prof. Renato E. Apa-ap at telephone numbers (02) 335 1787 Loc. 357 / 0995-4133919.

Thank you and we look forward to seeing you at the event.

Very truly yours,

  
**DR. JACKIE D. URRUTIA**  
Director

Noted:

  
**DR. ANNA RUBY P. GAPASIN**  
Vice President for Research, Extension and Development

PUP A. Mabini Campus, Anonas Street, Sta. Mesa, Manila 1016  
Direct Line: 335-1752 | Trunk Line: 335-1787 or 335-1777 local 235 or 357  
Website: www.pup.edu.ph | Email: rmo@pup.edu.ph

THE COUNTRY'S 1<sup>st</sup> POLYTECHNIC







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COLLEGE OF ENGINEERING  
**COMPUTER ENGINEERING DEPARTMENT**




Republic of the Philippines  
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
College of Engineering

**Office Memorandum**  
No. 10 Series of 2019

To : All Chairperson  
Subject: Supervisor Faculty Evaluation  
Date : April 28, 2019

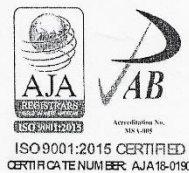
=====

Please be reminded to conduct your online Faculty Evaluation as Supervisor for the Second Semester school year 2018 to 2019 on or before May 10, 2019

  
Dr. Remedios G. Ado  
OIC- Dean, College of Engineering


Double-click this area to edit, PUP A. Mabini Campus, Anonas Street, Sta. Mesa, Manila 1016  
Direct Line: 335-1752 | Trunk Line: 335-1787 or 335-1777 local 236 or 302  
Website: www.pup.edu.ph | Email: yourofficeemail@pup.edu.ph

THE COUNTRY'S 1<sup>ST</sup> POLYTECHNIC





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

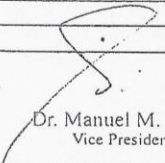
Date : 3-12-18

For/To : ALL DEANS & DEPT HEADS  
OU DIRECTOR / PROGRAM HEADS

Re : 2ND SEM A.Y 2017-18 &  
SUMMER 2018

<input checked="" type="checkbox"/> For your information	<input type="checkbox"/> Please reply
<input type="checkbox"/> Please comment	<input checked="" type="checkbox"/> Please disseminate
<input type="checkbox"/> Forward to the next official/person	<input type="checkbox"/> Let us discuss
<input checked="" type="checkbox"/> For immediate appropriate action	<input type="checkbox"/> Please identify fund source
<input type="checkbox"/> Please attend to this immediately and report back	<input type="checkbox"/> For posting in the bulletin board
<input type="checkbox"/> Please coordinate with _____	

Remarks : Please disseminate.

  
Dr. Manuel M. Muhi  
Vice President



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



OFFICE OF THE EXECUTIVE VICE PRESIDENT  
INFORMATION AND COMMUNICATIONS TECHNOLOGY OFFICE

MEMORANDUM NO. ICTO-2018-03-002

PUP Communication Tracking System

# 2018471240

Tracking Number

March 2, 2018

DR. MANUEL M. MUHI  
Vice President for Academic Affairs  
This University

Dear VP Muhi:

In view of the end of the Second Semester of Academic Year 2017-2018 and preparation for Summer 2018 and Freshman enrollment, may we seek your assistance in informing the Colleges/Departments' Deans, Chairpersons, Faculty and students on the following SIS-related Activities:

Date	Activity	Concerned - Involved
<b>SECOND SEMESTER 2017-2018</b>		
March 1- April 15	Online Faculty Evaluation	Students
March 28- April 7	Online Encoding of Grades for 2 <sup>nd</sup> Semester 2017-2018	All faculty members
April 10	Deadline of submission of Completion Forms for Incomplete Marks (Second Semester, A.Y. 2016-2017) to the Office of the University Registrar	Students
<b>SUMMER 2017-2018</b>		
March 12-17	Encoding and checking of subject offerings in the SIS for Summer 2017-2018	Chairpersons/Academic Head
April 2	Uploading of fees in the SIS for Summer 2017-2018	Accounting Student Services
April 8-16	Online Registration for Summer 2017-2018 – (First to Fifth year) Sta. Mesa, Branches & Campuses	All Students
April 16	Summer Classes Start	
April 17-18	Adjustment Period	
May 26-31	Online Encoding of Grades for Summer 2017-2018	All faculty members
May 26	Deadline of submission of Completion Forms for Incomplete Marks (Second Semester, A.Y. 2016-2017) to the Office of the University Registrar	Students
<b>FIRST SEMESTER 2018-2019</b>		
April 6	Submission of list of interviewers for Freshman enrolment to ICTO	Chairpersons/Academic Head
May 14	Submission of list of re-sectioning of students and change of specialization for selected programs/courses to ICTO	Chairpersons/Academic Head

Thank you very much.

Sincerely yours,

DR. MARLON M. LIM  
Director

OFFICE OF THE VICE PRESIDENT FOR  
ACADEMIC AFFAIRS (OVPA)

PUP STA. MESA, MANILA

Received by: [Signature] Aquino Library Learning Resource Center PUP A. Mabini Campus Anonas Street, Sta. Mesa, Manila Phone: 2100414

Date: 3/6/18 Time: 7:16:47 AM Local 736; website: www.pup.edu.ph e-mail: iccenter@pup.edu.ph

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

Faculty Online Evaluation  
**SUMMARY OF RESULTS**  
 First Semester S.Y. 1617

Name of Faculty	COLLEGE OF ENGINEERING				Over-all Rating		Interpretation		Over-all Evaluation	
	Supervisor Evaluator 1		Supervisor Evaluator 2		81.3897		VERY SATISFACTORY		Rating	Interpretation
	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation
1 ADO, REMEDIOS G.	100.0000	OUTSTANDING	100.0000	OUTSTANDING	91.3586	OUTSTANDING	99.2000	OUTSTANDING	93.9510	OUTSTANDING
2 ARTIFICIO, EDCEL	83.6000	VERY SATISFACTORY	84.4000	VERY SATISFACTORY	65.7012	SATISFACTORY	94.0000	OUTSTANDING	71.1508	SATISFACTORY
3 CABRERA, KEVIN MICHAEL A.	84.8000	VERY SATISFACTORY	83.6000	VERY SATISFACTORY	75.3318	VERY SATISFACTORY	100.0000	OUTSTANDING	78.0523	VERY SATISFACTORY
4 CANLAS, ARLENE B.	100.0000	OUTSTANDING	100.0000	OUTSTANDING	86.1474	VERY SATISFACTORY	100.0000	OUTSTANDING	90.3032	VERY SATISFACTORY
5 CANSINO, JULIUS S	100.0000	OUTSTANDING	100.0000	OUTSTANDING	81.5926	VERY SATISFACTORY	100.0000	OUTSTANDING	87.1148	VERY SATISFACTORY
6 CATRIZ JR., ELORDE S	89.6000	VERY SATISFACTORY	82.8000	VERY SATISFACTORY	82.9372	VERY SATISFACTORY	73.6000	VERY SATISFACTORY	84.2560	VERY SATISFACTORY
7 CECOGO, JOHN VINCENT	92.8000	OUTSTANDING	84.8000	VERY SATISFACTORY	88.429	VERY SATISFACTORY	72.0000	VERY SATISFACTORY	88.9403	VERY SATISFACTORY
8 DELOS REYES, NORMAN DAVID FARISCAL	82.0000	VERY SATISFACTORY	82.8000	VERY SATISFACTORY	65.015	SATISFACTORY	83.6000	VERY SATISFACTORY	70.1905	SATISFACTORY
9 FERNANDO, RONALD D	100.0000	OUTSTANDING	100.0000	OUTSTANDING	83.631	VERY SATISFACTORY	100.0000	OUTSTANDING	88.5417	VERY SATISFACTORY
10 KHAN, MA. LEONA	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	78.639	VERY SATISFACTORY	96.0000	OUTSTANDING	79.0473	VERY SATISFACTORY
11 LEGARDA, MARY ANN VILLA	78.4000	VERY SATISFACTORY	78.4000	VERY SATISFACTORY	70.6914	SATISFACTORY	100.0000	OUTSTANDING	73.0040	VERY SATISFACTORY
12 LIGAYO, MICHAEL ANGELO D.	83.6000	VERY SATISFACTORY	83.6000	VERY SATISFACTORY	80.0904	VERY SATISFACTORY	85.6000	VERY SATISFACTORY	81.1433	VERY SATISFACTORY
13 LORICO, JULIAN L.	100.0000	OUTSTANDING	100.0000	OUTSTANDING	75.9248	VERY SATISFACTORY	100.0000	OUTSTANDING	83.1474	VERY SATISFACTORY
14 MADRIGALEJOS, DANILO JR. C.	79.2000	VERY SATISFACTORY	82.0000	VERY SATISFACTORY	81.08	VERY SATISFACTORY	97.6000	OUTSTANDING	80.7960	VERY SATISFACTORY
15 MAHAGUAY, ROLITO LACEDA	100.0000	OUTSTANDING	100.0000	OUTSTANDING	86.105	VERY SATISFACTORY	100.0000	OUTSTANDING	90.2735	VERY SATISFACTORY
16 MAIGUE, CHENNE	80.8000	VERY SATISFACTORY	82.8000	VERY SATISFACTORY	61.6874	SATISFACTORY	80.0000	VERY SATISFACTORY	67.6212	SATISFACTORY
17 MANALO, RICO M.	82.0000	VERY SATISFACTORY	82.0000	VERY SATISFACTORY	58.0988	SATISFACTORY	88.8000	VERY SATISFACTORY	65.2692	SATISFACTORY



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

Faculty Online Evaluation  
**SUMMARY OF RESULTS**  
First Semester S.Y. 1617

	Name of Faculty	Supervisor Evaluator 1		Supervisor Evaluator 2		Student Evaluation		Self Evaluation		Over-all Evaluation	
		Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation
18	NATIVIDAD, FERDINAND O	100.0000	OUTSTANDING	100.0000	OUTSTANDING	74.6226	VERY SATISFACTORY	100.0000	OUTSTANDING	82.2358	VERY SATISFACTORY
19	NATIVIDAD, MARK KERVIN	83.6000	VERY SATISFACTORY	85.2000	VERY SATISFACTORY	71.6738	VERY SATISFACTORY	100.0000	OUTSTANDING	75.4117	VERY SATISFACTORY
20	OQUINDO, FLORINDA H	100.0000	OUTSTANDING	100.0000	OUTSTANDING	77.73	VERY SATISFACTORY	100.0000	OUTSTANDING	84.4110	VERY SATISFACTORY
21	PAJABERA, ORLANDO	85.2000	VERY SATISFACTORY	85.2000	VERY SATISFACTORY	85.0218	VERY SATISFACTORY	92.4000	OUTSTANDING	85.0753	VERY SATISFACTORY
22	PANGILINAN, KERUBIN	81.2000	VERY SATISFACTORY	83.6000	VERY SATISFACTORY	75.0162	VERY SATISFACTORY	92.8000	OUTSTANDING	77.1113	VERY SATISFACTORY
23	REYES, LUTZER UGTO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	85.3796	VERY SATISFACTORY	100.0000	OUTSTANDING	89.7657	VERY SATISFACTORY
24	RODRIGUEZ, JOSHUA BENJAMIN	100.0000	OUTSTANDING	83.6000	VERY SATISFACTORY	86.2418	VERY SATISFACTORY	100.0000	OUTSTANDING	88.7293	VERY SATISFACTORY
25	SAWI, CHRISTOPHER M.	100.0000	OUTSTANDING	100.0000	OUTSTANDING	90.465	VERY SATISFACTORY	98.8000	OUTSTANDING	93.3255	OUTSTANDING
26	SERVIANO, AZDIE	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	81.4362	VERY SATISFACTORY	96.8000	OUTSTANDING	81.0053	VERY SATISFACTORY
27	TENERIFE JR, PEDRITO	100.0000	OUTSTANDING		No Evaluation	83.2092	VERY SATISFACTORY	99.2000	OUTSTANDING	88.2464	VERY SATISFACTORY
28	VELASCO, ANTONIO Y.	100.0000	OUTSTANDING	100.0000	OUTSTANDING	68.45	SATISFACTORY	100.0000	OUTSTANDING	77.9150	VERY SATISFACTORY
29	VERZO, ALLAN	78.8000	VERY SATISFACTORY	79.2000	VERY SATISFACTORY	57.9826	SATISFACTORY	100.0000	OUTSTANDING	64.2678	SATISFACTORY

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

Faculty Online Evaluation  
**SUMMARY OF RESULTS**  
Second Semester S.Y. 1819

COLLEGE OF ENGINEERING											
Over-all Rating 84.8581 Interpretation VERY SATISFACTORY											
Name of Faculty	Supervisor Evaluator 1		Supervisor Evaluator 2		Student Evaluation		Self Evaluation		Over-all Evaluation		
	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	
1 ADO, REMEDIOS G.	96.8000	OUTSTANDING	100.0000	OUTSTANDING	92.4188	OUTSTANDING	99.2000	OUTSTANDING	94.0532	OUTSTANDING	
2 ARTIFICIO, EDCEL	81.6000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	81.8126	VERY SATISFACTORY	87.2000	VERY SATISFACTORY	81.5888	VERY SATISFACTORY	
3 CABRERA, KEVIN MICHAEL A.	81.6000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	81.3358	VERY SATISFACTORY	No Evaluation		81.2551	VERY SATISFACTORY	
4 CANLAS, ARLENE B.	92.0000	OUTSTANDING	88.8000	VERY SATISFACTORY	88.1256	VERY SATISFACTORY	100.0000	OUTSTANDING	88.9679	VERY SATISFACTORY	
5 CANSINO, JULIUS S	100.0000	OUTSTANDING	No Evaluation		78.1638	VERY SATISFACTORY	100.0000	OUTSTANDING	74.7147	VERY SATISFACTORY	
6 CHIN, FRANK ANTHONY	80.0000	VERY SATISFACTORY	71.2000	VERY SATISFACTORY	81.9528	VERY SATISFACTORY	99.2000	OUTSTANDING	80.4870	VERY SATISFACTORY	
7 DE LA CRUZ, ARVIN	94.0000	OUTSTANDING	99.2000	OUTSTANDING	86.7844	VERY SATISFACTORY	100.0000	OUTSTANDING	89.4691	VERY SATISFACTORY	
8 DELA CRUZ, JOHN	93.2000	OUTSTANDING	95.6000	OUTSTANDING	82.8416	VERY SATISFACTORY	100.0000	OUTSTANDING	86.1891	VERY SATISFACTORY	
9 FERNANDO, RONALD D	100.0000	OUTSTANDING	100.0000	OUTSTANDING	81.8126	VERY SATISFACTORY	100.0000	OUTSTANDING	87.2688	VERY SATISFACTORY	
10 KHAN, MA. LEONA	77.6000	VERY SATISFACTORY	77.6000	VERY SATISFACTORY	75.1258	VERY SATISFACTORY	No Evaluation		75.8681	VERY SATISFACTORY	
11 LEGARDA, MARY ANN VILLA	86.8000	VERY SATISFACTORY	75.6000	VERY SATISFACTORY	64.4602	SATISFACTORY	99.2000	OUTSTANDING	70.0421	SATISFACTORY	
12 LORICO, JULIAN L.	92.0000	OUTSTANDING	92.8000	OUTSTANDING	77.9552	VERY SATISFACTORY	100.0000	OUTSTANDING	82.2486	VERY SATISFACTORY	
13 MADRIGALEJOS, DANILO JR. C.	82.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	91.3764	OUTSTANDING	No Evaluation		88.3635	VERY SATISFACTORY	
14 MAHAGUAY, ROLITO LACEDA	100.0000	OUTSTANDING	100.0000	OUTSTANDING	92.5694	OUTSTANDING	100.0000	OUTSTANDING	94.7986	OUTSTANDING	
15 NATIVIDAD, FERDINAND O	100.0000	OUTSTANDING	100.0000	OUTSTANDING	79.9004	VERY SATISFACTORY	100.0000	OUTSTANDING	85.9303	VERY SATISFACTORY	
16 NATIVIDAD, MARK KERVIN	100.0000	OUTSTANDING	94.0000	OUTSTANDING	89.4376	VERY SATISFACTORY	100.0000	OUTSTANDING	92.0063	OUTSTANDING	
17 OQUINDO, FLORINDA H	100.0000	OUTSTANDING	100.0000	OUTSTANDING	83.8172	VERY SATISFACTORY	98.8000	OUTSTANDING	88.6720	VERY SATISFACTORY	
18 PAJABERA, ORLANDO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	90.4034	VERY SATISFACTORY	98.4000	OUTSTANDING	93.2824	OUTSTANDING	



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

Faculty Online Evaluation  
**SUMMARY OF RESULTS**  
Second Semester S.Y. 1819

	Name of Faculty	Supervisor Evaluator 1		Supervisor Evaluator 2		Student Evaluation		Self Evaluation		Over-all Evaluation	
		Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation
19	REYES, LUTZER UGTO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	94.6384	OUTSTANDING	100.0000	OUTSTANDING	96.2469	OUTSTANDING
20	RODRIGUEZ, JOSHUA BENJAMIN	100.0000	OUTSTANDING	100.0000	OUTSTANDING	87.7486	VERY SATISFACTORY	100.0000	OUTSTANDING	91.4240	OUTSTANDING
21	SUNGA, BOB MATHEW	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	79.8984	VERY SATISFACTORY	No Evaluation		79.9289	VERY SATISFACTORY
22	TENERIFE JR, PEDRITO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	90.5604	VERY SATISFACTORY	100.0000	OUTSTANDING	93.3923	OUTSTANDING
23	TRIA, ROMAN ANGELO CARPIO	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	79.2852	VERY SATISFACTORY	88.8000	VERY SATISFACTORY	79.4996	VERY SATISFACTORY
24	VELASCO, ANTONIO Y.	96.0000	OUTSTANDING	100.0000	OUTSTANDING	77.74	VERY SATISFACTORY	100.0000	OUTSTANDING	83.6180	VERY SATISFACTORY
25	VERZO, ALLAN	90.0000	VERY SATISFACTORY	63.2000	SATISFACTORY	54.0234	SATISFACTORY	94.8000	OUTSTANDING	62.1364	SATISFACTORY

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

Faculty Online Evaluation  
**SUMMARY OF RESULTS**  
Second Semester S.Y. 1718

		COLLEGE OF ENGINEERING				Over-all Rating	Interpretation				
		Supervisor Evaluator 1		Supervisor Evaluator 2		82.0481	VERY SATISFACTORY				
Name of Faculty		Rating	Interpretation	Rating	Interpretation	Student Evaluation Rating	Student Evaluation Interpretation	Self Evaluation Rating	Self Evaluation Interpretation	Over-all Evaluation Rating	Over-all Evaluation Interpretation
1	ADO, REMEDIOS G.	100.0000	OUTSTANDING	100.0000	OUTSTANDING	91.038	OUTSTANDING	99.2000	OUTSTANDING	93.7266	OUTSTANDING
2	ARTIFICIO, EDCCEL	100.0000	OUTSTANDING	88.0000	VERY SATISFACTORY	90.3662	VERY SATISFACTORY	91.6000	OUTSTANDING	92.0563	OUTSTANDING
3	CABRERA, KEVIN MICHAEL A.	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	78.27	VERY SATISFACTORY	100.0000	OUTSTANDING	78.7890	VERY SATISFACTORY
4	CANLAS, ARLENE B.	80.0000	VERY SATISFACTORY	100.0000	OUTSTANDING	70.9544	SATISFACTORY	100.0000	OUTSTANDING	75.6681	VERY SATISFACTORY
5	CANSINO, JULIUS S	100.0000	OUTSTANDING	No Evaluation		78.99	VERY SATISFACTORY	100.0000	OUTSTANDING	85.2930	VERY SATISFACTORY
6	CHIN, FRANK ANTHONY	80.0000	VERY SATISFACTORY	89.6000	VERY SATISFACTORY	79.473	VERY SATISFACTORY	99.2000	OUTSTANDING	80.5911	VERY SATISFACTORY
7	DE LA CRUZ, ARVIN	92.8000	OUTSTANDING	100.0000	OUTSTANDING	86.6644	VERY SATISFACTORY	100.0000	OUTSTANDING	89.2251	VERY SATISFACTORY
8	DELA CRUZ, JOHN	No Evaluation		No Evaluation		89.4924	VERY SATISFACTORY	96.0000	OUTSTANDING	62.6447	SATISFACTORY
9	DELOS REYES, NORMAN DAVID FARISCAL	80.0000	VERY SATISFACTORY	84.8000	VERY SATISFACTORY	70.4004	SATISFACTORY	88.0000	VERY SATISFACTORY	73.7603	VERY SATISFACTORY
10	FERNANDO, RONALD D	88.0000	VERY SATISFACTORY	100.0000	OUTSTANDING	94.0466	OUTSTANDING	100.0000	OUTSTANDING	93.4326	OUTSTANDING
11	KHAN, MA. LEONA	80.0000	VERY SATISFACTORY	78.4000	VERY SATISFACTORY	69.4284	SATISFACTORY	No Evaluation		72.4399	VERY SATISFACTORY
12	LEGARDA, MARY ANN VILLA	80.0000	VERY SATISFACTORY	79.2000	VERY SATISFACTORY	58.21	SATISFACTORY	No Evaluation		64.6670	SATISFACTORY
13	LORICO, JULIAN L.	100.0000	OUTSTANDING	100.0000	OUTSTANDING	82.152	VERY SATISFACTORY	100.0000	OUTSTANDING	87.5064	VERY SATISFACTORY
14	MADRIGALEJOS, DANILO JR. C.	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	83.417	VERY SATISFACTORY	No Evaluation		82.3919	VERY SATISFACTORY
15	MAHAGUAY, ROLITO LACEDA	100.0000	OUTSTANDING	100.0000	OUTSTANDING	92.8298	OUTSTANDING	100.0000	OUTSTANDING	94.9809	OUTSTANDING
16	MANALO, RICO M.	60.0000	SATISFACTORY	71.6000	VERY SATISFACTORY	70.759	SATISFACTORY	100.0000	OUTSTANDING	68.6913	SATISFACTORY
17	NATIVIDAD, FERDINAND O	100.0000	OUTSTANDING	100.0000	OUTSTANDING	74.836	VERY SATISFACTORY	100.0000	OUTSTANDING	82.3852	VERY SATISFACTORY
18	NATIVIDAD, MARK KERVIN	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	86.9062	VERY SATISFACTORY	100.0000	OUTSTANDING	84.8343	VERY SATISFACTORY





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

Faculty Online Evaluation  
**SUMMARY OF RESULTS**  
Second Semester S.Y. 1718

	Name of Faculty	Supervisor Evaluator 1		Supervisor Evaluator 2		Student Evaluation		Self Evaluation		Over-all Evaluation	
		Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation
19	OQUINDO, FLORINDA H	100.0000	OUTSTANDING	100.0000	OUTSTANDING	76.8968	VERY SATISFACTORY	100.0000	OUTSTANDING	83.8278	VERY SATISFACTORY
20	PAJABERA, ORLANDO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	89.9204	VERY SATISFACTORY	98.4000	OUTSTANDING	92.9443	OUTSTANDING
21	PANGILINAN, KERUBIN	60.0000	SATISFACTORY	67.2000	SATISFACTORY	71.9958	VERY SATISFACTORY	85.6000	VERY SATISFACTORY	69.1171	SATISFACTORY
22	REYES, LUTZER UGTO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	92.3382	OUTSTANDING	100.0000	OUTSTANDING	94.6367	OUTSTANDING
23	RODRIGUEZ, JOSHUA BENJAMIN	100.0000	OUTSTANDING	100.0000	OUTSTANDING	89.366	VERY SATISFACTORY	100.0000	OUTSTANDING	92.5562	OUTSTANDING
24	SAWI, CHRISTOPHER M.	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	92.8966	OUTSTANDING	100.0000	OUTSTANDING	89.0276	VERY SATISFACTORY
25	SERVIANO, AZDIE	60.0000	SATISFACTORY	65.6000	SATISFACTORY	69.1738	SATISFACTORY	60.0000	SATISFACTORY	66.9817	SATISFACTORY
26	TENERIFE JR, PEDRITO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	88.2376	VERY SATISFACTORY	100.0000	OUTSTANDING	91.7663	OUTSTANDING
27	TRIA, ROMAN ANGELO CARPIO	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	90.0558	VERY SATISFACTORY	80.4000	VERY SATISFACTORY	87.0391	VERY SATISFACTORY
28	VELASCO, ANTONIO Y.	100.0000	OUTSTANDING	100.0000	OUTSTANDING	78.1446	VERY SATISFACTORY	100.0000	OUTSTANDING	84.7012	VERY SATISFACTORY
29	VERZO, ALLAN	60.0000	SATISFACTORY	78.4000	VERY SATISFACTORY	62.6746	SATISFACTORY	100.0000	OUTSTANDING	63.7122	SATISFACTORY

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

Faculty Online Evaluation  
**SUMMARY OF RESULTS**  
 Second Semester S.Y. 1617

		COLLEGE OF ENGINEERING				Over-all Rating	Interpretation			
		Supervisor Evaluator 1		Supervisor Evaluator 2		78.9293	VERY SATISFACTORY			
Name of Faculty	Rating	Interpretation	Rating	Interpretation	Student Evaluation		Self Evaluation		Over-all Evaluation	
					Rating	Interpretation	Rating	Interpretation	Rating	Interpretation
1 ADO, REMEDIOS G.	100.0000	OUTSTANDING	100.0000	OUTSTANDING	92.1066	OUTSTANDING	100.0000	OUTSTANDING	94.4746	OUTSTANDING
2 ARTIFICIO, EDCEL	100.0000	OUTSTANDING	80.0000	VERY SATISFACTORY	76.9848	VERY SATISFACTORY	80.8000	VERY SATISFACTORY	81.8894	VERY SATISFACTORY
3 CABRERA, KEVIN MICHAEL A.	86.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	75.3856	VERY SATISFACTORY	100.0000	OUTSTANDING	77.9699	VERY SATISFACTORY
4 CANLAS, ARLENE B.	91.6000	OUTSTANDING	90.0000	VERY SATISFACTORY	78.2158	VERY SATISFACTORY	100.0000	OUTSTANDING	82.0711	VERY SATISFACTORY
5 CANSINO, JULIUS S	98.4000	OUTSTANDING		No Evaluation	76.4488	VERY SATISFACTORY	100.0000	OUTSTANDING	73.1942	VERY SATISFACTORY
6 CATRIZ JR., ELORDE S	80.0000	VERY SATISFACTORY	72.4000	VERY SATISFACTORY	82.0188	VERY SATISFACTORY	73.2000	VERY SATISFACTORY	80.6532	VERY SATISFACTORY
7 CECOGO, JOHN VINCENT	86.4000	VERY SATISFACTORY	78.4000	VERY SATISFACTORY	73.5548	VERY SATISFACTORY	63.2000	SATISFACTORY	76.6084	VERY SATISFACTORY
8 CHIN, FRANK ANTHONY	80.0000	VERY SATISFACTORY		No Evaluation	74.3048	VERY SATISFACTORY		No Evaluation	68.0134	SATISFACTORY
9 DELOS REYES, NORMAN DAVID FARISCAL	80.0000	VERY SATISFACTORY	74.4000	VERY SATISFACTORY	49.55	FAIR	82.4000	VERY SATISFACTORY	58.1250	SATISFACTORY
10 FERNANDO, RONALD D	88.8000	VERY SATISFACTORY	100.0000	OUTSTANDING	86.4672	VERY SATISFACTORY	100.0000	OUTSTANDING	88.2870	VERY SATISFACTORY
11 KHAN, MA. LEONA	61.6000	SATISFACTORY	58.4000	SATISFACTORY	57.4742	SATISFACTORY	56.4000	SATISFACTORY	58.3919	SATISFACTORY
12 LEGARDA, MARY ANN VILLA	80.0000	VERY SATISFACTORY	74.4000	VERY SATISFACTORY	55.7792	SATISFACTORY		No Evaluation	62.4854	SATISFACTORY
13 LIGAYO, MICHAEL ANGELO D.	80.0000	VERY SATISFACTORY	74.0000	VERY SATISFACTORY	88.293	VERY SATISFACTORY	84.0000	VERY SATISFACTORY	85.2051	VERY SATISFACTORY
14 LORICO, JULIAN L.	96.4000	OUTSTANDING	80.8000	VERY SATISFACTORY	87.4786	VERY SATISFACTORY	100.0000	OUTSTANDING	88.5950	VERY SATISFACTORY
15 MADRIGALEJOS, DANILO JR. C.	80.0000	VERY SATISFACTORY	79.2000	VERY SATISFACTORY	89.7008	VERY SATISFACTORY	96.0000	OUTSTANDING	86.7106	VERY SATISFACTORY
16 MAHAGUAY, ROLITO LACEDA	100.0000	OUTSTANDING	96.0000	OUTSTANDING	90.781	VERY SATISFACTORY	100.0000	OUTSTANDING	93.1467	OUTSTANDING
17 MAIGUE, CHENNE	80.0000	VERY SATISFACTORY	72.8000	VERY SATISFACTORY	78.7528	VERY SATISFACTORY	95.2000	OUTSTANDING	78.4070	VERY SATISFACTORY
18 MANALO, RICO M.	80.0000	VERY SATISFACTORY	76.0000	VERY SATISFACTORY	64.6054	SATISFACTORY		No Evaluation	68.8238	SATISFACTORY



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COMPUTER ENGINEERING DEPARTMENT**

Faculty Online Evaluation  
**SUMMARY OF RESULTS**  
Second Semester S.Y. 1617

	Name of Faculty	Supervisor Evaluator 1		Supervisor Evaluator 2		Student Evaluation		Self Evaluation		Over-all Evaluation	
		Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation
19	NATIVIDAD, FERDINAND O	100.0000	OUTSTANDING	84.0000	VERY SATISFACTORY	76.1296	VERY SATISFACTORY	100.0000	OUTSTANDING	81.6907	VERY SATISFACTORY
20	NATIVIDAD, MARK KERVIN	91.2000	OUTSTANDING	76.4000	VERY SATISFACTORY	75.3286	VERY SATISFACTORY	100.0000	OUTSTANDING	78.6100	VERY SATISFACTORY
21	OQUINDO, FLORINDA H	100.0000	OUTSTANDING	97.6000	OUTSTANDING	80.204	VERY SATISFACTORY	93.6000	OUTSTANDING	85.9028	VERY SATISFACTORY
22	PAJABERA, ORLANDO	100.0000	OUTSTANDING	83.2000	VERY SATISFACTORY	85.5762	VERY SATISFACTORY	97.6000	OUTSTANDING	88.2233	VERY SATISFACTORY
23	PANGILINAN, KERUBIN	78.4000	VERY SATISFACTORY	69.2000	SATISFACTORY	77.0722	VERY SATISFACTORY	86.0000	VERY SATISFACTORY	76.5505	VERY SATISFACTORY
24	PILUETA, NIÑO U.	93.2000	OUTSTANDING	80.0000	VERY SATISFACTORY	72.3994	VERY SATISFACTORY	100.0000	OUTSTANDING	77.3196	VERY SATISFACTORY
25	REYES, LUTZER UGTO	94.0000	OUTSTANDING	94.0000	OUTSTANDING	93.2062	OUTSTANDING	100.0000	OUTSTANDING	93.4443	OUTSTANDING
26	RODRIGUEZ, JOSHUA BENJAMIN	100.0000	OUTSTANDING	84.8000	VERY SATISFACTORY	86.6306	VERY SATISFACTORY	100.0000	OUTSTANDING	89.1214	VERY SATISFACTORY
27	SAWI, CHRISTOPHER M.	91.6000	OUTSTANDING	80.0000	VERY SATISFACTORY	91.4552	OUTSTANDING	100.0000	OUTSTANDING	90.3386	VERY SATISFACTORY
28	SERVIANO, AZDIE	78.4000	VERY SATISFACTORY	70.8000	SATISFACTORY	68.941	SATISFACTORY	69.2000	SATISFACTORY	71.0187	VERY SATISFACTORY
29	TENERIFE JR, PEDRITO	100.0000	OUTSTANDING	96.4000	OUTSTANDING	85.3782	VERY SATISFACTORY	100.0000	OUTSTANDING	89.4047	VERY SATISFACTORY
30	TRIA, ROMAN ANGELO CARPIO	80.0000	VERY SATISFACTORY	82.4000	VERY SATISFACTORY	92.4912	OUTSTANDING	71.2000	VERY SATISFACTORY	88.9838	VERY SATISFACTORY
31	VALENTINO, JIMMAR	No Evaluation		No Evaluation		74.7632	VERY SATISFACTORY	84.4000	VERY SATISFACTORY	52.3342	SATISFACTORY
32	VELASCO, ANTONIO Y.	100.0000	OUTSTANDING	91.2000	OUTSTANDING	76.2128	VERY SATISFACTORY	100.0000	OUTSTANDING	82.4690	VERY SATISFACTORY
33	VERZO, ALLAN	60.0000	SATISFACTORY	56.8000	SATISFACTORY	55.034	VERY SATISFACTORY	100.0000	OUTSTANDING	56.2038	SATISFACTORY

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COLLEGE OF ENGINEERING  
COMPUTER ENGINEERING DEPARTMENT**

Faculty Online Evaluation  
**SUMMARY OF RESULTS**  
Second Semester S.Y. 1718

		COLLEGE OF ENGINEERING				Over-all Rating 82.0481	Interpretation VERY SATISFACTORY				
1	Name of Faculty	Supervisor Evaluator 1		Supervisor Evaluator 2		Student Evaluation		Self Evaluation		Over-all Evaluation	
		Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation
	ADO, REMEDIOS G.	100.0000	OUTSTANDING	100.0000	OUTSTANDING	91.038	OUTSTANDING	99.2000	OUTSTANDING	93.7266	OUTSTANDING
	ARTIFICIO, EDCEL	100.0000	OUTSTANDING	88.0000	VERY SATISFACTORY	90.3662	VERY SATISFACTORY	91.6000	OUTSTANDING	92.0563	OUTSTANDING
	CABRERA, KEVIN MICHAEL A.	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	78.27	VERY SATISFACTORY	100.0000	OUTSTANDING	78.7890	VERY SATISFACTORY
	CANLAS, ARLENE B.	80.0000	VERY SATISFACTORY	100.0000	OUTSTANDING	70.9544	SATISFACTORY	100.0000	OUTSTANDING	75.6681	VERY SATISFACTORY
	CANSINO, JULIUS S	100.0000	OUTSTANDING	No Evaluation		78.99	VERY SATISFACTORY	100.0000	OUTSTANDING	85.2930	VERY SATISFACTORY
	CHIN, FRANK ANTHONY	80.0000	VERY SATISFACTORY	89.6000	VERY SATISFACTORY	79.473	VERY SATISFACTORY	99.2000	OUTSTANDING	80.5911	VERY SATISFACTORY
	DE LA CRUZ, ARVIN	92.8000	OUTSTANDING	100.0000	OUTSTANDING	86.6644	VERY SATISFACTORY	100.0000	OUTSTANDING	89.2251	VERY SATISFACTORY
	DELA CRUZ, JOHN	No Evaluation		No Evaluation		89.4924	VERY SATISFACTORY	96.0000	OUTSTANDING	62.6447	SATISFACTORY
	DELOS REYES, NORMAN DAVID FARISCAL	80.0000	VERY SATISFACTORY	84.8000	VERY SATISFACTORY	70.4004	SATISFACTORY	88.0000	VERY SATISFACTORY	73.7603	VERY SATISFACTORY
	FERNANDO, RONALD D	88.0000	VERY SATISFACTORY	100.0000	OUTSTANDING	94.0466	OUTSTANDING	100.0000	OUTSTANDING	93.4326	OUTSTANDING
	KHAN, MA. LEONA	80.0000	VERY SATISFACTORY	78.4000	VERY SATISFACTORY	69.4284	SATISFACTORY	No Evaluation		72.4399	VERY SATISFACTORY
	LEGARDA, MARY ANN VILLA	80.0000	VERY SATISFACTORY	79.2000	VERY SATISFACTORY	58.21	SATISFACTORY	No Evaluation		64.6670	SATISFACTORY
	LORICO, JULIAN L.	100.0000	OUTSTANDING	100.0000	OUTSTANDING	82.152	VERY SATISFACTORY	100.0000	OUTSTANDING	87.5064	VERY SATISFACTORY
	MADRIGALEJOS, DANILO JR. C.	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	83.417	VERY SATISFACTORY	No Evaluation		82.3919	VERY SATISFACTORY
	MAHAGUAY, ROLITO LACEDA	100.0000	OUTSTANDING	100.0000	OUTSTANDING	92.8298	OUTSTANDING	100.0000	OUTSTANDING	94.9809	OUTSTANDING
	MANALO, RICO M.	60.0000	SATISFACTORY	71.6000	VERY SATISFACTORY	70.759	SATISFACTORY	100.0000	OUTSTANDING	68.6913	SATISFACTORY
	NATIVIDAD, FERDINAND O	100.0000	OUTSTANDING	100.0000	OUTSTANDING	74.836	VERY SATISFACTORY	100.0000	OUTSTANDING	82.3852	VERY SATISFACTORY
	NATIVIDAD, MARK KERVIN	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	86.9062	VERY SATISFACTORY	100.0000	OUTSTANDING	84.8343	VERY SATISFACTORY



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Faculty Online Evaluation  
**SUMMARY OF RESULTS**  
Second Semester S.Y. 1718

	Name of Faculty	Supervisor Evaluator 1		Supervisor Evaluator 2		Student Evaluation		Self Evaluation		Over-all Evaluation	
		Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation
19	OQUINDO, FLORINDA H	100.0000	OUTSTANDING	100.0000	OUTSTANDING	76.8968	VERY SATISFACTORY	100.0000	OUTSTANDING	83.8278	VERY SATISFACTORY
20	PAJABERA, ORLANDO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	89.9204	VERY SATISFACTORY	98.4000	OUTSTANDING	92.9443	OUTSTANDING
21	PANGILINAN, KERUBIN	60.0000	SATISFACTORY	67.2000	SATISFACTORY	71.9958	VERY SATISFACTORY	85.6000	VERY SATISFACTORY	69.1171	SATISFACTORY
22	REYES, LUTZER UGTO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	92.3382	OUTSTANDING	100.0000	OUTSTANDING	94.6367	OUTSTANDING
23	RODRIGUEZ, JOSHUA BENJAMIN	100.0000	OUTSTANDING	100.0000	OUTSTANDING	89.366	VERY SATISFACTORY	100.0000	OUTSTANDING	92.5562	OUTSTANDING
24	SAWI, CHRISTOPHER M.	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	92.8966	OUTSTANDING	100.0000	OUTSTANDING	89.0276	VERY SATISFACTORY
25	SERVIANO, AZDIE	60.0000	SATISFACTORY	65.6000	SATISFACTORY	69.1738	SATISFACTORY	60.0000	SATISFACTORY	66.9817	SATISFACTORY
26	TENERIFE JR, PEDRITO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	88.2376	VERY SATISFACTORY	100.0000	OUTSTANDING	91.7663	OUTSTANDING
27	TRIA, ROMAN ANGELO CARPIO	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	90.0558	VERY SATISFACTORY	80.4000	VERY SATISFACTORY	87.0391	VERY SATISFACTORY
28	VELASCO, ANTONIO Y.	100.0000	OUTSTANDING	100.0000	OUTSTANDING	78.1446	VERY SATISFACTORY	100.0000	OUTSTANDING	84.7012	VERY SATISFACTORY
29	VERZO, ALLAN	60.0000	SATISFACTORY	78.4000	VERY SATISFACTORY	62.6746	SATISFACTORY	100.0000	OUTSTANDING	63.7122	SATISFACTORY

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COLLEGE OF ENGINEERING  
COMPUTER ENGINEERING DEPARTMENT**

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**SUMMARY OF RESULTS**  
Second Semester S.Y. 1819

		COLLEGE OF ENGINEERING				Over-all Rating	Interpretation					
		Supervisor Evaluator 1		Supervisor Evaluator 2		Student Evaluation		Self Evaluation		Over-all Evaluation		
	Name of Faculty	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	
1	ADO, REMEDIOS G.	96.8000	OUTSTANDING	100.0000	OUTSTANDING	92.4188	OUTSTANDING	99.2000	OUTSTANDING	94.0532	OUTSTANDING	
2	ARTIFICIO, EDCEL	81.6000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	81.8126	SATISFACTORY	87.2000	VERY SATISFACTORY	81.5888	SATISFACTORY	
3	CABRERA, KEVIN MICHAEL A.	81.6000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	81.3358	VERY SATISFACTORY	No Evaluation		81.2551	VERY SATISFACTORY	
4	CANLAS, ARLENE B.	92.0000	OUTSTANDING	88.8000	VERY SATISFACTORY	88.1256	VERY SATISFACTORY	100.0000	OUTSTANDING	88.9679	VERY SATISFACTORY	
5	CANSINO, JULIUS S	100.0000	OUTSTANDING	No Evaluation		78.1638	VERY SATISFACTORY	100.0000	OUTSTANDING	74.7147	VERY SATISFACTORY	
6	CHIN, FRANK ANTHONY	80.0000	VERY SATISFACTORY	71.2000	VERY SATISFACTORY	81.9528	VERY SATISFACTORY	99.2000	OUTSTANDING	80.4870	VERY SATISFACTORY	
7	DE LA CRUZ, ARVIN	94.0000	OUTSTANDING	99.2000	OUTSTANDING	86.7844	VERY SATISFACTORY	100.0000	OUTSTANDING	89.4691	VERY SATISFACTORY	
8	DELA CRUZ, JOHN	93.2000	OUTSTANDING	95.6000	OUTSTANDING	82.8416	VERY SATISFACTORY	100.0000	OUTSTANDING	86.1891	VERY SATISFACTORY	
9	FERNANDO, RONALD D	100.0000	OUTSTANDING	100.0000	OUTSTANDING	81.8126	VERY SATISFACTORY	100.0000	OUTSTANDING	87.2688	VERY SATISFACTORY	
10	KHAN, MA. LEONA	77.6000	VERY SATISFACTORY	77.6000	VERY SATISFACTORY	75.1258	VERY SATISFACTORY	No Evaluation		75.8681	VERY SATISFACTORY	
11	LEGARDA, MARY ANN VILLA	86.8000	VERY SATISFACTORY	75.6000	VERY SATISFACTORY	64.4602	SATISFACTORY	99.2000	OUTSTANDING	70.0421	SATISFACTORY	
12	LORICO, JULIAN L.	92.0000	OUTSTANDING	92.8000	OUTSTANDING	77.9552	VERY SATISFACTORY	100.0000	OUTSTANDING	82.2486	VERY SATISFACTORY	
13	MADRIGALEJOS, DANILO JR. C.	82.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	91.3764	OUTSTANDING	No Evaluation		88.3635	VERY SATISFACTORY	
14	MAHAGUAY, ROLITO LACEDA	100.0000	OUTSTANDING	100.0000	OUTSTANDING	92.5694	OUTSTANDING	100.0000	OUTSTANDING	94.7986	OUTSTANDING	
15	NATIVIDAD, FERDINAND O	100.0000	OUTSTANDING	100.0000	OUTSTANDING	79.9004	VERY SATISFACTORY	100.0000	OUTSTANDING	85.9303	VERY SATISFACTORY	
16	NATIVIDAD, MARK KERVIN	100.0000	OUTSTANDING	94.0000	OUTSTANDING	89.4376	VERY SATISFACTORY	100.0000	OUTSTANDING	92.0063	OUTSTANDING	
17	OQUINDO, FLORINDA H	100.0000	OUTSTANDING	100.0000	OUTSTANDING	83.8172	VERY SATISFACTORY	98.8000	OUTSTANDING	88.6720	VERY SATISFACTORY	
18	PAJABERA, ORLANDO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	90.4034	VERY SATISFACTORY	98.4000	OUTSTANDING	93.2824	OUTSTANDING	

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

Faculty Online Evaluation  
**SUMMARY OF RESULTS**  
Second Semester S.Y. 1819

	Name of Faculty	Supervisor Evaluator 1		Supervisor Evaluator 2		Student Evaluation		Self Evaluation		Over-all Evaluation	
		Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation	Rating	Interpretation
19	REYES, LUTZER UGTO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	94.6384	OUTSTANDING	100.0000	OUTSTANDING	96.2469	OUTSTANDING
20	RODRIGUEZ, JOSHUA BENJAMIN	100.0000	OUTSTANDING	100.0000	OUTSTANDING	87.7486	VERY SATISFACTORY	100.0000	OUTSTANDING	91.4240	OUTSTANDING
21	SUNGA, BOB MATHEW	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	79.8984	VERY SATISFACTORY	No Evaluation		79.9289	VERY SATISFACTORY
22	TENERIFE JR, PEDRITO	100.0000	OUTSTANDING	100.0000	OUTSTANDING	90.5604	VERY SATISFACTORY	100.0000	OUTSTANDING	93.3923	OUTSTANDING
23	TRIA, ROMAN ANGELO CARPIO	80.0000	VERY SATISFACTORY	80.0000	VERY SATISFACTORY	79.2852	VERY SATISFACTORY	88.8000	VERY SATISFACTORY	79.4996	VERY SATISFACTORY
24	VELASCO, ANTONIO Y.	96.0000	OUTSTANDING	100.0000	OUTSTANDING	77.74	VERY SATISFACTORY	100.0000	OUTSTANDING	83.6180	VERY SATISFACTORY
25	VERZO, ALLAN	90.0000	VERY SATISFACTORY	63.2000	SATISFACTORY	54.0234	SATISFACTORY	94.8000	OUTSTANDING	62.1364	SATISFACTORY

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



## *Certificate of Attendance*

**MARK KERVIN Z. NATIVIDAD**

Credited with 15.0 CPD points

**1st IECEP-QC  
SEMINAR WORKSHOP  
FUNDAMENTALS OF CYBERSECURITY  
AND ETHICAL HACKING**

March 16-17, 2018

Given this 17th day of March 2018  
at Oracle Hotel, Quezon City

VANESSA J. FLAMINIAN, PECE  
Governor



\* 0 0 5 6 - 1 4 2 2 1 \*

To verify authenticity of this certificate, input barcode number to [cpd.myecep.net/downloads](http://cpd.myecep.net/downloads)





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



Cisco Networking Academy

Certificate of Course Completion

## CCNA Cybersecurity Operations

The student has successfully achieved student level credential for completing CCNA Cybersecurity Operations course administered by the undersigned instructor. The student was able to proficiently:

- Explain the role of the Cybersecurity Operations Analyst in the enterprise.
- Explain the Windows Operating System and Linux Operating System features and characteristics needed to support cybersecurity analyses.
- Explain the operation of network infrastructures.
- Analyze the operation of network protocols and services.
- Classify the various types of network attacks.
- Use network monitoring tools to identify attacks against network protocols and services.
- Use various methods to prevent malicious access to computer networks, hosts, and data.
- Explain the impacts of cryptography on network security monitoring.
- Explain how to investigate endpoint vulnerabilities and attacks.
- Evaluate network security alerts.
- Analyze network intrusion data to identify vulnerabilities and compromised hosts.
- Explain how security incidents are handled by CSIRTs.

**Julius Cansino**

Student

**Core Council of the Philippines**

Academy Name

**Philippines**

Location

**Glenn Avendano**

Instructor

**Feb 14, 2019**

Date

Instructor Signature



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



Cisco Networking Academy

Certificate of Course Completion

## CCNA Routing and Switching: Routing and Switching Essentials

The student has successfully achieved student level credential for completing CCNA Routing and Switching: Routing and Switching Essentials course administered by the undersigned instructor. The student was able to proficiently:

- Determine how a router will forward traffic based on the contents of a routing table.
- Explain how switching operates in a small to medium-sized business network.
- Use monitoring tools and network management protocols to troubleshoot data networks.
- Configure monitoring tools available for small to medium-sized business networks.
- Configure initial settings on a network device.
- Configure Ethernet switch ports.
- Implement VLANs.
- Implement static routing and RIPV2.
- Implement DHCP on a router.
- Implement network address translation (NAT).
- Implement access control lists (ACLs) to filter traffic.

**Julius Cansino**

Student

**Core Council of the Philippines**

Academy Name

**Philippines**

Location

**May 22, 2019**

Date

**Arthur Ollanda**

Instructor

Instructor Signature



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



Republic of the Philippines  
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

## NATIONAL CERTIFICATE II

in

### COMPUTER SYSTEMS SERVICING

is awarded to

**JULIUS S. CANSINO**

*for having completed the competency requirements under the Philippine TVET Competency Assessment and Certification System in the following units of competency:*

Unit Code	Basic Units of Competency	Unit Code	Core Units of Competency
500311105	Participate in Workplace Communication	ELC724331	Install and Configure Computer Systems
500311106	Work in Team Environment		
500311107	Practice Career Professionalism	ELC724332	Set up Computer Networks
500311108	Practice Occupational Health and Safety Procedures	ELC724333	Set up Computer Servers
Unit Code	Common Units of Competency	ELC724334	Maintain and Repair Computer Systems and Networks
ICT315202	Apply quality standards		
ICT311201	Operate a personal computer		
ELC311201	Perform mensuration and calculation		
ELC311202	Prepare and interpret technical drawing		
ELC724201	Use hand tools		
ELC724202	Terminate and connect electrical wiring and electronic circuits		
ELC724205	Test Electronic Components		

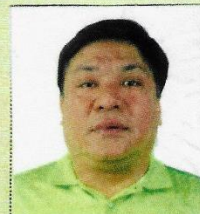
Signature of the certificate holder  
Certificate No. **19131602013021**  
ULI: **CJS-67-271-04021-001**

Issued on : **April 16, 2019**  
Valid until: **April 15, 2024**



CLN-NQ- 4323003

*Isidro S. Lapeña*  
**SEC. ISIDRO S. LAPEÑA, PhD., CSEE**  
Director General



**CANSINO, JULIUS S.**



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



Republic of the Philippines  
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

## NATIONAL CERTIFICATE II

in

### COMPUTER SYSTEMS SERVICING

is awarded to

**ARVIN R. DE LA CRUZ**

for having completed the competency requirements under the Philippine TVET Competency Assessment and Certification System in the following units of competency:

<b>Unit Code</b>	<b>Basic Units of Competency</b>	<b>Unit Code</b>	<b>Core Units of Competency</b>
500311105	Participate in Workplace Communication	ELC724331	Install and Configure Computer Systems
500311106	Work in Team Environment	ELC724332	Set up Computer Networks
500311107	Practice Career Professionalism	ELC724333	Set up Computer Servers
500311108	Practice Occupational Health and Safety Procedures	ELC724334	Maintain and Repair Computer Systems and Networks
<b>Unit Code</b>	<b>Common Units of Competency</b>		
ICT315202	Apply quality standards		
ICT311201	Operate a personal computer		
ELC311201	Perform mensuration and calculation		
ELC311202	Prepare and interpret technical drawing		
ELC724201	Use hand tools		
ELC724202	Terminate and connect electrical wiring and electronic circuits		
ELC724205	Test Electronic Components		

Signature of the certificate holder  
Certificate No. **19131602013020**  
ULI: **DAR-74-217-13076-001**

Issued on : **April 16, 2019**  
Valid until: **April 15, 2024**



CLN-NQ- 4323002

*Isidro S. Lapeña*  
**SEC. ISIDRO S. LAPEÑA, PhD., CSEE**  
Director General



ARVIN ROXAS DE LA CRUZ



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COLLEGE OF ENGINEERING  
**COMPUTER ENGINEERING DEPARTMENT**



Republic of the Philippines  
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

## NATIONAL CERTIFICATE II

in

### COMPUTER SYSTEMS SERVICING

is awarded to

**JOSHUA BENJAMIN B. RODRIGUEZ**

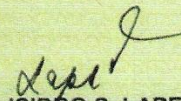
for having completed the competency requirements under the Philippine TVET Competency Assessment and Certification System in the following units of competency:

Unit Code	Basic Units of Competency	Unit Code	Core Units of Competency
500311105	Participate in Workplace Communication	ELC724331	Install and Configure Computer Systems
500311106	Work in Team Environment	ELC724332	Set up Computer Networks
500311107	Practice Career Professionalism	ELC724333	Set up Computer Servers
500311108	Practice Occupational Health and Safety Procedures	ELC724334	Maintain and Repair Computer Systems and Networks
Unit Code	Common Units of Competency		
ICT315202	Apply quality standards		
ICT311201	Operate a personal computer		
ELC311201	Perform mensuration and calculation		
ELC311202	Prepare and interpret technical drawing		
ELC724201	Use hand tools		
ELC724202	Terminate and connect electrical wiring and electronic circuits		
ELC724205	Test Electronic Components		

Signature of the certificate holder  
Certificate No. **19131602013025**  
ULI: **RJB-93-430-13087-001**

Issued on : **April 16, 2019**  
Valid until: **April 15, 2024**



  
**SEC. ISIDRO S. LAPEÑA, PhD., CSEE**  
Director General



**JOSHUA BENJAMIN B. RODRIGUEZ**

CLN-NQ- 4 3 2 3 0 0 6



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



Republic of the Philippines  
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

## NATIONAL CERTIFICATE II

in

### COMPUTER SYSTEMS SERVICING

is awarded to

**ROLITO L. MAHAGUAY**

for having completed the competency requirements under the Philippine TVET Competency Assessment and Certification System in the following units of competency:

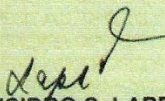
Unit Code	Basic Units of Competency	Unit Code	Core Units of Competency
500311105	Participate in Workplace Communication	ELC724331	Install and Configure Computer Systems
500311106	Work in Team Environment		
500311107	Practice Career Professionalism	ELC724332	Set up Computer Networks
500311108	Practice Occupational Health and Safety Procedures	ELC724333	Set up Computer Servers
Unit Code	Common Units of Competency	ELC724334	Maintain and Repair Computer Systems and Networks
ICT315202	Apply quality standards		
ICT311201	Operate a personal computer		
ELC311201	Perform mensuration and calculation		
ELC311202	Prepare and Interpret technical drawing		
ELC724201	Use hand tools		
ELC724202	Terminate and connect electrical wiring and electronic circuits		
ELC724205	Test Electronic Components		

Signature of the certificate holder  
Certificate No. **19131602013024**  
ULI: **MRL-72-121-17052-001**

Issued on : **April 16, 2019**  
Valid until: **April 15, 2024**



CLN-NQ- 4323005

  
**SEC. ISIDRO S. LAPEÑA, PhD., CSEE**  
Director General



**ROLITO L. MAHAGUAY**



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COLLEGE OF ENGINEERING  
**COMPUTER ENGINEERING DEPARTMENT**



Republic of the Philippines  
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

## NATIONAL CERTIFICATE II

in

### COMPUTER SYSTEMS SERVICING

is awarded to

**ORLANDO V. PAJABERA**

*for having completed the competency requirements under the Philippine TVET Competency Assessment and Certification System in the following units of competency:*

Unit Code	Basic Units of Competency
500311105	Participate in Workplace Communication
500311106	Work in Team Environment
500311107	Practice Career Professionalism
500311108	Practice Occupational Health and Safety Procedures

Unit Code	Common Units of Competency
ICT315202	Apply quality standards
ICT311201	Operate a personal computer
ELC311201	Perform mensuration and calculation
ELC311202	Prepare and interpret technical drawing
ELC724201	Use hand tools
ELC724202	Terminate and connect electrical wiring and electronic circuits
ELC724205	Test Electronic Components

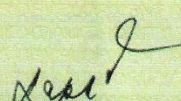
Unit Code	Core Units of Competency
ELC724331	Install and Configure Computer Systems
ELC724332	Set up Computer Networks
ELC724333	Set up Computer Servers
ELC724334	Maintain and Repair Computer Systems and Networks

Signature of the certificate holder  
Certificate No. **19131602013022**  
ULI: **POV-78-424-04058-001**

Issued on: **April 16, 2019**  
Valid until: **April 15, 2024**



CLN-NQ- 4323004

  
**SEC. ISIDRO S. LAPEÑA, PhD., CSEE**  
Director General



**ORLANDO V. PAJABERA**



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**COMPUTER ENGINEERING DEPARTMENT**



**INSTITUTE OF COMPUTER ENGINEERS OF THE PHILIPPINES**  
Converging Professionals for Excellence  
SEC Reg. NO. 2011-20675

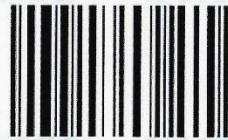
*Certificate of Membership*

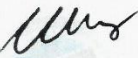
This is to certify that

**JULIAN L. LORICO JR.**

is a regular member in good standing and is entitled to all of the rights  
and privileges of the Institute of Computer Engineers of the Philippines (ICPEP).

\*\*\* VALID UNTIL DECEMBER 2018 \*\*\*



  
**NOEL B. LINSANGAN**  
National President







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COLLEGE OF ENGINEERING  
**COMPUTER ENGINEERING DEPARTMENT**



**INSTITUTE OF COMPUTER ENGINEERS OF THE PHILIPPINES**  
Converging Professionals for Excellence  
SEC Reg. NO. 2011-20675

*Certificate of Membership*

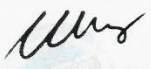
This is to certify that

**FERDINAND O. NATIVIDAD**

is an associate member in good standing and is entitled to all of the rights  
and privileges of the Institute of Computer Engineers of the Philippines (ICPEP).

\*\*\* VALID UNTIL DECEMBER 2019 \*\*\*



  
**NOEL B. LINSANGAN**  
National President





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



**INSTITUTE OF COMPUTER ENGINEERS OF THE PHILIPPINES**  
Converging Professionals for Excellence  
SEC Reg. NO. 2011-20675

*Certificate of Membership*

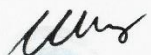
This is to certify that

**PEDRITO M. TENERIFE JR.**

is a regular member in good standing and is entitled to all of the rights  
and privileges of the Institute of Computer Engineers of the Philippines (ICPEP).

\*\*\* Lifetime Membership \*\*\*



  
**NOEL B. LINSANGAN**  
National President





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

**Attendance in Relevant/Job-related Trainings, Seminars, Conferences, Workshops, Conventions, etc.**

Name of Faculty Member (Surname, First Name, M.I.)	Title/Theme/Topic	Check (✓) if		Sponsor of Training, Seminars, etc.	Level Please check (✓) if				Venue	Inclusive Date
		Training	Seminar/ Conference/ workshop/ convention etc.		International	National	Regional	Local		
Tenerife, Pedrito Jr., M.	Philippine Quality Award Assessors Preparatory Course		✓	Department of Trade and Industry		✓			Philippine Trade Training Center	6/24/2019 to 6/28/2019
De La Cruz, Arvin R.	Philippine Quality Award Assessors Calibration Workshop		✓	Department of Trade and Industry		✓			Breeze Hall, ACE Hotel & Suites, Pasig City	5/28/2019 to 5/30/2019
Ado, Remedios G. Fernando, Ronald B. Reyes, Lutzer U.				CISCO Networking Academy						4/22/2019 to 4/26/2019
De La Cruz, Arvin R.	3 <sup>rd</sup> UCPE International Conference		✓	University Circle of Professional Educators, Inc.	✓				CDC Hotel, Tagaytay City	4/22/2019 to 4/24/2019
Cansino, Julius S. Natividad, Ferdinand O. Tenerife, Pedrito Jr., M.	CCNA R&S: Routing and Switching Essential Training	✓		CISCO Networking Academy		✓			De La Salle University - Dasmariñas	4/1/2019 to 4/5/2019
Ado, Remedios G. Cansino, Julius S. Pajabera, Orlando V. Mahaguay, Rolito L. Tenerife, Pedrito Jr., M.	CHED Policies, Standards, & Programs on Quality Assurance		✓	PUP Quality Assurance Center				✓	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	03/18/2019
Mahaguay, Rolito L. Tenerife, Pedrito Jr., M.	HIV/AIDS 101: Stop, Look, Listen		✓	PUP GAD Focal Point System				✓	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	03/15/2019
Ado, Remedios G. Mahaguay, Rolito L. Tenerife, Pedrito Jr., M.	Transforming Lives and Societies Through Exemplary Alternative Learning		✓	Open University System				✓	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	03/02/2019
Ado, Remedios G. Mahaguay, Rolito L.	Time and Workload Management Skills		✓	Open University System				✓	Ninoy Aquino Library and Learning Resource Center Multimedia Room	02/14/2019
Reyes, Lutzer U. Tenerife, Pedrito Jr., M.	Data Brew 2: Data Science Kapihan		✓	Advanced Science and Technology Institute		✓			SGV Development Center, STI Holdings Building, Ayala Ave., Legazpi Village, Makati City	02/14/2019



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

nsing, Julius S. a Cruz, John R. eyes, Lutzer U. Velasco, Antonio Y.	CCNA Cybersecurity Operations Instructors Training	✓		CISCO Networking Academy	✓		Mapua University	2/4/2019 to 2/9/2019
Mahaguay, Rolito L. Tenerife, Pedrito Jr., M.	iTamKalinangan: Web Frameworks Seminar and Workshop		✓	FEU Institute of Technology	✓		General Access Laboratory, FEU Institute of Technology	02/07/2019
Ado, Remedios G. Cansino, Julius S. Natividad, Ferdinand O. Palabera, Orlando V. Velasco, Antonio Y.	Cisco NetAcad-PH Instructor's Conference 2019		✓	CISCO Networking Academy	✓		Azalea Residences, Baguio City	1/15/2019 to 1/17/2019
De La Cruz, Arvin R.	Agile Methodologies for Software Development		✓	College of Computer and Information Sciences and College of Engineering		✓	College of Engineering Audio Visual Room	1/7/2019

(02) 8713 5968 | dcoe\_chair@gmail.com  
RM322 CEA BLDG. NDC COMPOUND,  
ANONAS COR. PUREZA STREETS, STA. MESA, MANILA



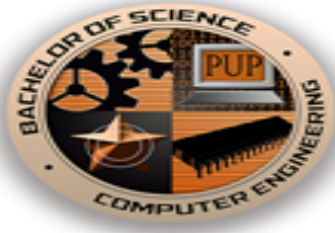


**POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
COLLEGE OF ENGINEERING  
COMPUTER ENGINEERING DEPARTMENT**

Name of Faculty Member (Surname, First Name, M.I.)	Title/Theme/Topic	Check (✓) if		Sponsor of Training, Seminar/s, etc.	Level Please check (✓) if				Venue	Inclusive Date
		Training	Seminar/ Conference/ workshop/ convention etc.		International	National	Regional	Local		
Ado, Remedios G. Mahaguay, Rolito L. Tenerife Jr., Pedrito M.	2018 Assessment and 2019 Planning		✓	PUP Open University System				✓	Ninoy Aquino Library and Learning Resource Center Multimedia	12/12/2018 to 12/14/2018
Cansino, Julius S. Mahaguay, Rolito L. Natividad, Ferdinand O. Pajabera, Orlando V. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	6 <sup>th</sup> ICpEP National Convention "Enhancing Computer Engineers' Capability Towards 4 <sup>th</sup> Industrial Revolution and Technology Business Incubation"		✓	Institute of Computer Engineers of the Philippines (ICpEP)		✓			Hotel Supreme Convention Plaza, Baguio City	11/26/2018 to 11/29/2018
Dela Cruz, John R.	1 <sup>st</sup> National Railway Engineering Conference		✓	PUP in collaboration with Department of Transportation and Philippine Railway Engineers Association		✓			Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	11/21/2018 to 11/22/2018
Artificio, Edcel B.	17 <sup>th</sup> Leadership and Management of Change for Development Managers: The Bridging Leadership approach	✓		Asian Institute of Management Stephen Zuellig Graduate School of Development Management	✓				Asian Institute of Management Makati City	11/5/201- to 11/9/2018
Ado, Remedios G. Mahaguay, Rolito L. Tenerife Jr., Pedrito M.	Divergent: OUr Differences Makes Us Stronger		✓	PUP Open University System				✓	Ninoy Aquino Library and Learning Resource Center Multimedia	10/24/2018
Mahaguay, Rolito L. Tenerife, Pedrito Jr. M.	Educational Visit and Meeting with the Officials and Staff		✓	Ho Chi Minh City Open University	✓				Ho Chi Minh City Open University	10/10/2018
Artificio, Edcel B.	API-JEC International Conference on Educational Frontiers 2018		✓	Ateneo Salt Institute		✓			Ateneo de Manila University	10/3/2018 to 10/5/2018

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

Mahaguay, Rolito L. Tenerife Jr., Pedrito M.	2 <sup>nd</sup> International Conference on Innovative Research in Science, Technology and Management (ICIRSTM-18)		✓	International Institute of Research and Journals (IIRAJ) and Institute of Research and Publication (IRP)	✓			National University of Singapore	9/29/2018 to 9/30/2018
De La Cruz, Arvin R.	Writing a Test/Questionnaire, Rubrics and Assessment		✓	PUP Quality Assurance Center			✓	ICTO Laboratory Phase 2, Ninoy Aquino Library and Learning Resource Center	9/25/2018
De La Cruz, Arvin R. Tenerife Jr., Pedrito M.	Training-Workshop For ETEEAP and NTSP Assessors		✓	PUP Open University System			✓	ICTO Laboratory Phase 2 Ninoy Aquino Library and Learning Resource Center	8/29/2018
De La Cruz, Arvin R.	Methods of Engineering Research Orientation & Seminar		✓	PUP Computer Engineering Department			✓	Gabriela Silang Hall	8/24/2018
Ado, Remedios G. Cansino, Julius S. Tenerife Jr., Pedrito M.	2018 ICpEP NCR First Consultative Assembly		✓	Institute of Computer Engineers of the Philippines (ICpEP) - NCR		✓		FEU Institute of Technology	7/27/2018
Mahaguay, Rolito L.	5S Awareness Orientation		✓	Office of the VP for Research, Extension and Development			✓	PUP BPO Plenary Hall	7/16/2018
Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Reyes, Lutzer U. Tenerife Jr., Pedrito M.	iTamKalinangan: Seminar & Workshop on FPGA Board and VHDL Programming		✓	FEU Institute of Technology Computer Engineering Department		✓		FEU Institute of Technology	6/27/2018
Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	Starting Strong: The Head, Heart, Hands, and Habits of an Achiever!"		✓	Office of the Vice President for Academic Affairs			✓	PUP Hasmin Hostel	6/22/2018 to 6/23/2018
Cansino, Julius S. De La Cruz, Arvin R. Tenerife Jr., Pedrito M.	MMIEERDC Proposal Writeshop and Packaging		✓	Metropolitan Manila Industry, Energy and Emerging Technology Research and Development Consortium (MMIEERDC) and Department of Science and Technology		✓		Polytechnic University of the Philippines	5/21/2018 to 5/22/2018
Dela Cruz, John R.	6 <sup>th</sup> Technical Seminar		✓			✓		Seminar Room A & B, Building 1, Technological Institute of the Philippines	5/5/2018
Tenerife Jr., Pedrito M.	MoodleMoot Philippines 2018		✓	Nephila Web Technology Inc.		✓		Manila Hotel	4/26/2018 to 4/27/2018

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ANONAS COR. PUREZA STREETS, STA. MESA, MANILA





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

Cansino, Julius S.	2018 MMIERDC Strategic Planning		✓	Metropolitan Manila Industry, Energy and Emerging Technology Research and Development Consortium (MMIEERDC) and Department of Science and Technology		✓			Polytechnic University of the Philippines	4/17/2018 to 4/18/2018
Ado, Remedios G Tenerife Jr., Pedrito M.	Distance Educator's Role in the Global Learning Community"		✓	PUP Open University				✓	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	3/18/2018
Mahaguay, Rolito L.	Research Publications and Reviewing in High-Ranking International Journals and Proceedings for Engineering Professionals and Students: The Australian and Philippine Context		✓	PUP OVPAA and College of Engineering				✓	Bulwagang Andres Bonifacio, Ninoy Aquino Library and Learning Resource Center	2/17/2018
Ado, Remedios G Cansino, Julius S. De La Cruz, Arvin R Lorico, Julian Jr. L. Mahaguay, Rolito L. Natividad, Ferdinand O. Pajabera, Orlando V. Rodriguez, Joshua Benjamin B. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	CCNA Routing & Switching Track Module 2: IP Routing	✓		SMART Communications, Inc.		✓			PUP College of Engineering and Architecture	2/5/2018 to 2/7/2018
Ado, Remedios G Cansino, Julius S. De La Cruz, Arvin R Lorico, Julian Jr. L. Mahaguay, Rolito L. Natividad, Ferdinand O. Natividad, Mark Karvin Z. Pajabera, Orlando V. Reyes, Lutzer U. Rodriguez, Joshua Benjamin B. Sawi, Christopher M. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	6 <sup>th</sup> National Computer Research & Engineering Symposium "Immersive Technology Knowledge Into Your Perspective"		✓	PUP Computer Engineering Department		✓			Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	1/25/2018 to 1/27/2018

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Ado, Remedios G. Cansino, Julius S. De La Cruz, Arvin R. Lorico, Julian Jr. L. Mahaguay, Rolito L. Natividad, Ferdinand O. Pajabera, Orlando V. Rodriguez, Joshua Benjamin B. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	CCNA Routing & Switching Track Module 1: IP Fundamentals	✓		SMART Communications, Inc.	✓			PUP College of Engineering and Architecture	1/17/2018 to 1/19/2018
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Name of Faculty Member (Surname, First Name, M.I.)	Title/Theme/Topic	Check (✓) if		Sponsor of Training, Seminar/s, etc.	Level Please check (✓) if				Venue	Inclusive Date
		Training	Seminar/ Conference/ workshop/ convention etc.		International	National	Regional	Local		
Dela Cruz, John R.	The 9 <sup>th</sup> International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment, and Management		✓	IEEE HNICEM 2017					Hotel Jen Manila, Pasay City	11/29/2017 to 12/1/2017
Ado, Remedios G. Cansino, Julius S. De La Cruz, Arvin R. Lorico, Julian Jr. L. Mahaguay, Rolito L. Natividad, Ferdinand O. Pajabera, Orlando V. Rodriguez, Joshua Benjamin B. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	College of Engineering Research Capability Training Seminar	✓		OVPRED & College of Engineering				✓	PUP College of Engineering and Architecture	11/25/2017
Dela Cruz, John R.	IECEP 67 <sup>th</sup> AGM & National Convention		✓	Institute of Electronics Engineers of the Philippines, Inc.		✓			Subic Bay freeport Zone	11/23/2017 to 11/25/2017
Cansino, Julius S. Natividad, Ferdinand O. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	ICpEP National Convention 2017		✓	Institute of Computer Engineers of the Philippines (ICpEP)		✓			Casablanca Hotel Convention Center Legazpi City, Albay	11/21/2017 to 11/24/2017
Natividad, Mark Karvin Z.	8 <sup>th</sup> Annual General Membership Meeting & Convention		✓	Institute of Electronics Engineers of the Philippines, Quezon City chapter			✓		The Elements @ Eton Centris, Quezon City	11/17/2017 to 11/18/2017
Artificio, Edcel B.	Data, Connectivity, and Intelligence: Data Science Track of the Data Science Course under Coursera	✓		Department of Science and Technology PCIEERD and MOOCS.PH		✓			Heritage Hotel Manila	10/9/2017 to 3/29/2018
Tenerife Jr., Pedrito M.	Training-Workshop on Outcomes-Based Quality Assurance	✓		The Accrediting Agency of Chartered Colleges and Universities in the Philippines, Inc.		✓			Alumni Center, Tarlac State University-Lucinda Campus Tarlac City	10/9/2017 to 10/11/2017
Mahaguay, Rolito L. Tenerife Jr., Pedrito M.	2017 ICpEP NCR National Convention		✓	ICpEP NCR		✓			Technological Institute of the Philippines, Quezon City	10/6/2017



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De La Cruz, Arvin R.	Let's Code		✓	Apple Authorized Training Provider Power Mac Center		✓		2L Cedar Executive Bldg.1, 1006 Arnaiz Avenue, Makati City	9/22/2017
Tenerife Jr., Pedrito M.	2017 PUP Open University System Graduate Research Conference		✓	Open University System			✓	PUP BPO Center, Pureza Street, Sta. Mesa, Manila	9/10/2017
Cansino, Julius S. Tenerife Jr., Pedrito M.	Orientation on CHED Research and Extension Priorities		✓	PUP VPRED - REMO			✓	Bulwagang Andres Bonifacio, Ninoy Aquino Library and Learning Resource Center	9/7/2017
Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Natividad, Ferdinand O. Oquindo, Florinda H. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	Calculating Impacts from Earthquakes, Severe Wind, and Flood Hazards		✓	PUP VPRED			✓	Claro M Recto Hall	8/30/2017
Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Lorico, Julian Jr. L. Rodriguez, Joshua Benjamin B. Tenerife, Pedrito Jr. M.	Expanded Tertiary Education Equivalency and Accreditation Program (ETEEP)/Non-Traditional Study Program Tutoring & Evaluation Process	✓		PUP Open University			✓	ICT Center, Ninoy Aquino Library and Learning Resource Center	8/23/17 to 8/24/17
Pangilinan, Kerubin O.	2017 SWEEP Faculty Immersion Program	✓		SMART Communications Inc.		✓		SMART Office, 2/F PLDT Grace Park Building, 2 <sup>nd</sup> St. cor. 11 <sup>th</sup> Ave., Caloccan City	7/24/2017 to 8/4/2017
Tenerife Jr., Pedrito M.	OUS Course Specialists and Staff Development		✓	OUS-IODE			✓	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	7/23/2017
Ado, Remedios G. Artificio, Edcel B. Cansino, Julius S. De La Cruz, Arvin R. Mahaguay, Rolito L. Reyes, Lutzer U. Rodriguez, Joshua Benjamin B. Tenerife, Pedrito Jr. M.	Digital Logic Circuit SIMTEL Software Oscilloscope	✓		Humil International Corporation			✓	PUP, CEA Bldg.	6/2/2017
Tenerife Jr., Pedrito M. Tubola, Orland D.	Junior Researchers Proposal Writing Workshop		✓	Metropolitan Manila Industry and Energy Research and Development Consortium (MMDIERDC)		✓		CRD Conference Room CS Annex, Adamson University	5/10/2017 to 5/12/2017

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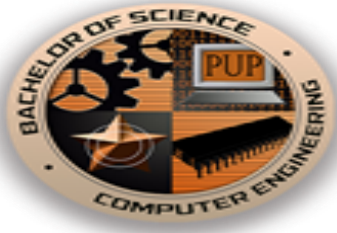


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Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M. Tubola, Orland D.	Biochemical Characteristics of Selected Ilocos Province Beaches		✓	PUP VPREPD			✓	Claro M Recto Hall	4/17/2017
Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M. Tubola, Orland D.	Capacitive Deionization: Previous Studies and Hands-on Demonstration		✓	PUP VPREPD			✓	Claro M Recto Hall	4/17/2017
Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M. Tubola, Orland D.	Stoichiometry of Trace elements in the Bering Sea		✓	PUP VPREPD			✓	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	4/3/2017
Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M. Tubola, Orland D.	Principles of Capacitive Deionization: An Environmentally Friendly Water Purification Technique		✓	PUP VPREPD			✓	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	4/3/2017
Natividad, Mark Kervin Z.	Panasonic Hybrid IP PABX-KX-HTS824	✓		Avesco Marketing Corporation		✓		Avesco Marketing Corporation, 810 Aurora Blvd. Cor. Yale Cubao, Quezon City	3/22/2017
De La Cruz, Arvin R.	Philippine Quality Award Assessors Preparatory Course		✓	Department of Trade & Industry Philippine Quality Award Foundation, Inc.		✓		Subic Bay Venezia Hotel, Olongapo, Zambales	3/20/2017 to 3/24/2017
Ado, Remedios G. Cabrera, Kevin Michael A. Cecogo, Vincent A. Delos Reyes, Norman David F. Legarda, Mary Ann V. Lorico, Julian Jr. L. Maigue, Chenne A. Manalo, Rico M. Natividad, Mark Kervin Z. Pangilinan, Kerubin Reyes, Lutzer U. Sawi, Christopher M. Tenerife, Pedrito Jr. M. Tria, Roman Angelo Velasco, Antonio Y.	Information Security		✓	Computer Engineering Department			✓	College of Engineering Bldg.,	3/18/2017

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Artificio, Edcel B. Canlas, Arlene B. Catriz, Elerde Jr. S. Chin, Frank Anthony R. Fernando, Ronald D. Ligayo, Michael Angelo D. Madrigalejos, Danilo C. Mahaguay, Rolito L. Natividad, Ferdinand O. Oquindo, Florinda H. Pajabera, Orlando V. Rodriguez, Joshua Benjamin B. Serviano, Azdie C. Tubola, Orland D. Valentino, Jimmar R. Verzo, Allan B.	Systems, Applications and Products (SAP) in Data Processing	✓	Computer Engineering Department	✓	College of Engineering Bldg.,	3/18/2017
Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Tenerife, Pedrito Jr. M. Tubola, Orland D.	10 <sup>th</sup> Annual Research Awards	✓	PUP/DOST	✓	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resources Center	3/9/2017 to 3/10/2017
Natividad, Mark Karvin Z.	Technical Seminar	✓	Institute of Electronics Engineers of the Philippines	✓	Hotel Kimberly , 770 Pedro Gil St., Malate Manila	2/25/2017
Tenerife Jr., Pedrito M.	Training-Workshop on Writing and Presenting Research Proposals towards Building Science Culture in National Capital Region	✓	National Academy of Science and Technology Department of Science and Technology Outstanding Young Scientists, Inc.	✓	Hotel Jen, Pasay City	2/16/2017 to 2/17/2017

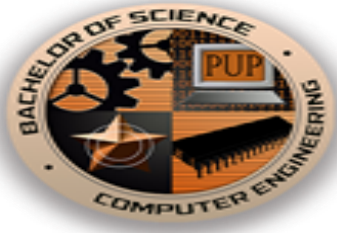


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		Training	Seminar/ Conference/ workshop/ convention etc.		International	National	Regional	Local		
Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M.	Seminar on Intellectual Property		✓	PUP VPREDP Intellectual Property Management Office				✓	ICTO Lab, Phase 1 Ninoy Aquino Library and Learning Resource Center	12/12/2016 to 12/15/2016
Ado, Remedios G.	GS Year-End 2016 Assessment and 2017 Action Planning "Expanding the Possibilities for Graduate School and Upholding the PUP Vision"		✓	PUP OVPA Graduate School				✓	Cebu Room PUP Hasmin Hostel	12/12/2016
Tenerife Jr., Pedrito M.	Higher Education Institution Community Extension Forum 2016		✓	PUP Extension Management Office		✓			Century Park Hotel Manila	12/2/2016
Ado, Remedios G. Mahaguay, Rolito L. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	2016 ICpEP National Convention, 4 <sup>th</sup> ICpEP National Conference on Computer Applications, Innovations, Technologies and Engineering (CAITE 2016) and National CpE Student Challenge		✓	Institute of Computer Engineers of the Philippines, Inc.		✓			Pearlmount Hotel Limketkai Center, Cagayan de Oro City.	11/23/2016 to 11/26/2016
Artificio, Edcel B.	The 7 Habits of Highly Effective People Education Version		✓	FranklinCovey	✓				Teach for the Philippines Makati City	11/19/2016
Ado, Remedios G. Natividad, Ferdinand O. Tubola, Orland D.	Professorial Chair Lecture "Earthquake Hazards and Risk Assessment".		✓	Institute for Science and Technology Research Center for Engineering and Technology Research		✓			Bulwagang Bonifacio Hall Ninoy Aquino Library and Learning Resources Center	11/16/2016
Dela Cruz, John R.	Working Beyond Borders and Pushing Boundaries for the Latest Technological Breakthroughs		✓	Institute of Electronics Engineers of the Philippines – Quezon City Chapter			✓		Fortune Hall Elements, @Centris Eton Centris	11/11/2016 to 11/12/2016

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Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M.	Academic Teaching Excellence Course	✓	British Council in the Philippines	✓	British Council in the Philippines Ortigas Centre, Fasig City	9/16/2016
Ado, Remedios G. Artificio Edcel B. Cabrera, Kevin Michael A. Canlas, Arlene B. Cansino, Julius S. Khan, Ma. Leona S. Lorico Jr., Julian L. Madrigalejos, Danilo C. Mahaguay, Rolito L. Maigue, Chenne A. Natividad, Ferdinand O. Natividad, Mark Kervin Z. Oquindo, Florinda H. Pajabera, Orlando V. Reyes, Lutzer U. Rodriguez, Joshua Benjamin B. Sawi, Christopher M. Serviano, Azdie C. Tenerife Jr., Pedrito M. Tubola, Orland D.	Software Freedom Day "Internet of Things"	✓	8Layer Technologies, Inc.	✓	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	9/14/2016
Tenerife, Pedrito Jr. M. Tubola, Orland D.	Hatid ng Agham at Teknolohiya Kaunlaran ng Bawat Isa	✓	DOST-PCIEERD	✓	Widus Hotel, Clarkfield Pampanga	6/29/2016



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Ado, Remedios G. Cansino, Julius S. Fernando, Ronald D. Mahaguay, Rolito L. Natividad, Ferdinand O. Oquindo, Florinda H. Reyes, Lutzer U. Tenerife, Pedrito M. Tubola, Orland D.	College of Engineering General Faculty Assembly		✓	CE Faculty Club		✓	CEA AVR	6/28/2016
Dela Cruz, John R.	Electronics Engineers in a Digitally-Transformed Nation		✓	Institute of Electronics Engineers of the Philippines, Inc. – Quezon City Chapter		✓	National Telecommunications Commission	6/24/2016 to 6/25/2016
Tenerife, Pedrito Jr. M. Tubola, Orland D.	The Internet of Things Technation Caravan		✓	8LAYER & Computer Engineering Department		✓	Claro M Recto Hall	6/23/2016
Cansino, Julius L.	Instrumentation Technical Training	✓		Emerson / US STRIDE		✓	Emerson, North Edsa	5/11/2016 to 6/01/2016
Mahaguay, Rolito L.	K – 12 Training	✓		PUP SHS		✓	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	5/19/2016 to 5/20/2016
Canlas, Arlene B. Cansino, Julius S. Lorico, Julian Jr. L. Mahaguay, Rolito L. Natividad, Ferdinand O. Oquindo, Florinda H. Tenerife, Pedrito M. Verzo, Allan B.	CE Faculty Development Seminar Series		✓	CE Faculty Club		✓	Tanauan City Batangas	5/12/2016 to 5/14/2016
Mahaguay, Rolito L. Tenerife, Pedrito Jr. M.	Test Construction		✓	PUP OVPA		✓	Accenture Room	5/06/2016
Tenerife, Pedrito Jr. M.	Science and Technology Electoral Agenda 2016: Developing a Genuine S&T for the People		✓	AGHAM – Advocate of Science and Technology for the People		✓	College of Engineering AVR	4/25/2016
Reyes, Lutzer U.	9 <sup>th</sup> PMP Review Course	✓		Project Management Institute Philippines Chapter		✓	Discovery Suites, 25, ADB Avenue, Origas, Center, Pasig City	4/11/2016 to 4/15/2016
Tubola, Orland D.	ASEAN Citation Index(ACI) Editors Workshop		✓	Commission on Higher Education		✓	Midas Hotel and Casino, Roxas Blvd, Pasay City	4/1/2016

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Ado, Remedios G. Mahaguay, Rolito L. Tenerife, Pedrito Jr. M. Tubola, Orland D.	9 <sup>th</sup> Annual Research Awards		✓	PUP/DOST		✓			Claro M. Recto Hall PUP Manila	3/10/2016 to 3/11/2016
Dela Cruz, John R.	#PresentationHacks: Effective Presentation Skills		✓	De La Salle University		✓			De La Salle University, Manila	3/5/2016
Mahaguay, Rolito L. Natividad, Ferdinand O. Tenerife, Pedrito Jr. M. Tubola, Orland D.	DOST-TAPI Consultative Meeting		✓	PUP Intellectual Property Management Office				✓	Tahanan Ng Alumni Building	3/3/2016
Ado., Remedios G. Tenerife, Pedrito Jr. M.	IDEA Entrepreneurship Workshop 2016	✓		Philippine Development Foundation (PhilDev)		✓			Asian Institute of Management, Makati City	2/19/2016 to 2/21/2016
Tenerife, Pedrito Jr. M.	PUP Program Accreditation: Status Updates (Preliminary Survey Visit)		✓	PUP Quality Assurance Center				✓	Cebu Roon, 7 <sup>th</sup> Floor Hasmin Hostel	2/9/2016

Name of Faculty Member (Surname, First Name, M.I.)	Title/Theme/Topic	Check (✓) if		Sponsor of Training, Seminar/s, etc.	Level Please check (✓) if				Venue	Inclusive Date
		Training	Seminar/ Conference/ workshop/ convention etc.		International	National	Regional	Local		
Tubola, Orland D.	Training-Workshop on "When Work and Life Balance: Everyone Wins"	✓		PUP-OVPREPD				✓	BPO Center, Sta. Mesa, Manila	12/17/2015
Tenerife, Pedrito Jr. M.	6 <sup>th</sup> Global Congress & Conferment Ceremony New Paradigm of Leadership in Business & Industry, Education, and Public Administration		✓	Royal Institution Singapore Royal Institution, Philippines	✓				Manila Pavilion Hotel	12/12/2015
Dela Cruz, John R.	Navigating New Directions for the Electronics Engineers		✓	Institute of Electronics Engineers of the Philippines, Inc. – Quezon City Chapter			✓		National Telecommunications Commission	11/27/2015 to 11/28/2015
Mahaguay, Rolito L. Manalo, Rico M. Tenerife, Pedrito Jr. M. Velasco, Antonio Y.	ICpEP National Convention 2015: Enhancing Competencies and Meeting Future Challenges		✓	Institute of Computer Engineers of the Philippines, Inc. (ICpEP)		✓			Cebu Grand Hotel, Cebu City	11/25/2015 to 11/27/2015

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Attendance in Relevant/Job-related Trainings, Seminars, Conferences, Workshops, Conventions, etc.

Name of Faculty Member (Surname, First Name, M.I.)	Title/Theme/Topic	Check (✓) if		Sponsor of Training, Seminar/s, etc.	Level Please check (✓) if				Venue	Inclusive Date
		Training	Seminar/ Conference/ workshop/ convention etc.		International	National	Regional	Local		
Ado, Remedios G. Cansino, Julius S. Pajabera, Orlando V. Mahaguay, Rolito L. Tenerife, Pedrito Jr., M.	CHED Policies, Standards, & Program s on Quality Assurance		✓	PUP Quality Assurance Center				✓	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	03/18/2019
Mahaguay, Rolito L. Tenerife, Pedrito Jr., M.	HIV/AIDS 101: Stop, Look, Listen		✓	PUP GAD Focal Point System				✓	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	03/15/2019
Ado, Remedios G. Mahaguay, Rolito L. Tenerife, Pedrito Jr., M.	Transforming Lives and Societies Through Exemplary Alternative Learning		✓	Open University System				✓	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	03/02/2019
Ado, Remedios G. Mahaguay, Rolito L.	Time and Workload Management Skills		✓	Open University System				✓	Ninoy Aquino Library and Learning Resource Center Multimedia Room	02/14/2019
Reyes, Lutzer U. Tenerife, Pedrito Jr., M.	Data Brew 2: Data Science Kapihan		✓	Advanced Science and Technology Institute		✓			SGV Development Center, STI Holdings Building, Ayala Ave., Legazpi Village, Makati City	02/14/2019
Cansino, Julius S. Dela Cruz, John R. Reyes, Lutzer U. Velasco, Antonio Y.	CCNA Cybersecurity Operations Instructors Training	✓		CISCO Networking Academy		✓			Mapua University	2/4/2019 to 2/9/2019
Mahaguay, Rolito L. Tenerife, Pedrito Jr., M.	iTamKalinangan: Web Frameworks Seminar and Workshop		✓	FEU Institute of Technology		✓			General Access Laboratory, FEU Institute of Technology	02/07/2019
Ado, Remedios G. Cansino, Julius S. Natividad, Ferdinand O. Pajabera, Orlando V. Velasco, Antonio Y.	Cisco NetAcad-PH Instructor's Conference 2019		✓	Cisco		✓			Azalea Residences, Baguio City	1/15/2019 to 1/17/2019



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Ado, Remedios G. Mahaguay, Rolito L. Tenerife Jr., Pedrito M.	2018 Assessment and 2019 Planning	✓	PUP Open University System	✓	Ninoy Aquino Library and Learning Resource Center Multimedia	12/12/2018 to 12/14/2018
Cansino, Julius S. Mahaguay, Rolito L. Natividad, Ferdinand O. Pajabera, Orlando V. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	6 <sup>th</sup> ICpEP National Convention "Enhancing Computer Engineers' Capability Towards 4 <sup>th</sup> Industrial Revolution and Technology Business Incubation"	✓	Institute of Computer Engineers of the Philippines (ICpEP)	✓	Hotel Supreme Convention Plaza, Baguio City	11/26/2018 to 11/29/2018
Artificio, Edcel B.	17 <sup>th</sup> Leadership and Management of Change for Development Managers: The Bridging Leadership approach	✓	Asian Institute of Management Stephen Zuellig Graduate School of Development Management	✓	Asian Institute of Management Makati City	11/5/201- to 11/9/2018
Ado, Remedios G. Mahaguay, Rolito L. Tenerife Jr., Pedrito M.	Divergent: OUR Differences Makes Us Stronger	✓	PUP Open University System	✓	Ninoy Aquino Library and Learning Resource Center Multimedia	10/24/2018
Artificio, Edcel B.	API-JEC International Conference on Educational Frontiers 2018	✓	Ateneo Salt Institute	✓	Ateneo de Manila University	10/3/2018 to 10/5/2018
Mahaguay, Rolito L. Tenerife Jr., Pedrito M.	2 <sup>nd</sup> International Conference on Innovative Research in Science, Technology and Management (ICIRSTM-18)	✓	International Institute of Research and Journals (IIRAJ) and Institute of Research and Publication (IRP)	✓	National University of Singapore	9/29/2018 to 9/30/2018
De La Cruz, Arvin R. Tenerife Jr., Pedrito M.	Training-Workshop For ETEEAP and NTSP Assessors	✓	PUP Open University System	✓	ICTO Laboratory Phase 2 Ninoy Aquino Library and Learning Resource Center	8/29/2018
Ado, Remedios G. Cansino, Julius S. Tenerife Jr., Pedrito M.	2018 ICpEP NCR First Consultative Assembly	✓	Institute of Computer Engineers of the Philippines (ICpEP) - NCR	✓	FEU Institute of Technology	7/27/2018
Mahaguay, Rolito L.	5S Awareness Orientation	✓	Office of the VP for Research, Extension and Development	✓	PUP BPO Plenary Hall	7/16/2018
Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Reyes, Lutzer U. Tenerife Jr., Pedrito M.	iTamKalinangan: Seminar & Workshop on FPGA Board and VHDL Programming	✓	FEU Institute of Technology Computer Engineering Department	✓	FEU Institute of Technology	6/27/218
Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	Starting Strong: The Head, Heart, Hands, and Habits of an Achiever!	✓	Office of the Vice President for Academic Affairs	✓	PUP Hasmin Hostel	6/22/2018 to 6/23/2018

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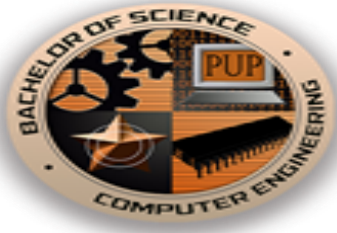


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Cansino, Julius S. De La Cruz, Arvin R Tenerife Jr., Pedrito M.	MMIEERDC Proposal Writeshop and Packaging	✓	Metropolitan Manila Industry, Energy and Emerging Technology Research and Development Consortium (MMIEERDC) and Department of Science and Technology	✓	Polytechnic University of the Philippines	5/21/2018 to 5/22/2018
Tenerife Jr., Pedrito M.	Moodlemoot Philippines 2018	✓	Nephila Web Technology Inc.	✓	Manila Hotel	4/26/2018 to 4/27/2018
Cansino, Julius S.	2018 MMIEERDC Strategic Planning	✓	Metropolitan Manila Industry, Energy and Emerging Technology Research and Development Consortium (MMIEERDC) and Department of Science and Technology	✓	Polytechnic University of the Philippines	4/17/2018 to 4/18/2018
Ado, Remedios G. Tenerife Jr., Pedrito M.	Distance Educator's Role in the Global Learning Community"	✓	PUP Open University	✓	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	3/18/2018
Mahaguay, Rolito L.	Research Publications and Reviewing in High-Ranking International Journals and Proceedings for Engineering Professionals and Students: The Australian and Philippine Context	✓	PUP OVPAA and College of Engineering	✓	Bulwagang Andres Bonifacio, Ninoy Aquino Library and Learning Resource Center	2/17/2018
Ado, Remedios G. Cansino, Julius S. De La Cruz, Arvin R Lorico, Julian Jr. L. Mahaguay, Rolito L. Natividad, Ferdinand O. Pajabera, Orlando V. Rodriguez, Joshua Benjamin B. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	CCNA Routing & Switching Track Module 2: IP Routing	✓	SMART Communications, Inc.	✓	PUP College of Engineering and Architecture	2/5/2018 to 2/7/2018

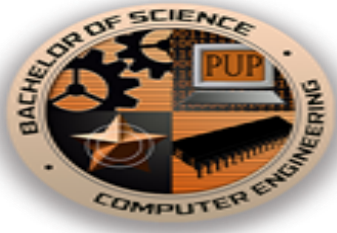
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Ado, Remedios G. Cansino, Julius S. De La Cruz, Arvin R Lorico, Julian Jr. L. Mahaguay, Rolito L. Natividad, Ferdinand O. Pajabera, Orlando V. Rodriguez, Joshua Benjamin B. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	CCNA Routing & Switching Track Module 1: IP Fundamentals	✓		SMART Communications, Inc.	✓			PUP College of Engineering and Architecture	1/17/2018 to 1/19/2018
Ado, Remedios G. Cansino, Julius S. De La Cruz, Arvin R Lorico, Julian Jr. L. Mahaguay, Rolito L. Natividad, Ferdinand O. Pajabera, Orlando V. Rodriguez, Joshua Benjamin B. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	College of Engineering Research Capability Training Seminar	✓		OVPRED & College of Engineering			✓	PUP College of Engineering and Architecture	11/25/2017
Cansino, Julius S. Natividad, Ferdinand O. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	ICpEP National Convention 2017		✓	Institute of Computer Engineers of the Philippines (ICpEP)			✓	Casablanca Hotel Convention Center Legazpi City, Albay	11/21/2017 to 11/24/2017

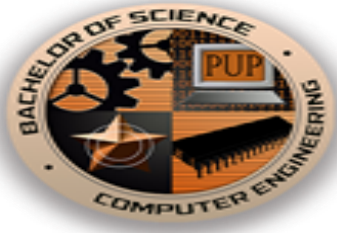


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Artificio, Edcel B.	Data, Connectivity, and Intelligence: Data Science Track of the Data Science Course under Coursera	✓		Department of Science and Technology PCIEERD and MOCS.PH	✓			Heritage Hotel Manila	10/9/2017 to 3/29/2018
Tenerife Jr., Pedrito M.	Training-Workshop on Outcomes-Based Quality Assurance	✓		The Accrediting Agency of Chartered Colleges and Universities in the Philippines, Inc.	✓			Alumni Center, Tarlac State University-Lucinda Campus Tarlac City	10/9/2017 to 10/11/2017
Mahaguay, Rolito L. Tenerife Jr., Pedrito M.	2017 ICpEP NCR National Convention		✓	ICPpEP NCR	✓			Technological Institute of the Philippines, Quezon City	10/6/2017
Tenerife Jr., Pedrito M.	2017 PUP Open University System Graduate Research Conference		✓	Open University System			✓	PUP BPO Center, Pureza Street, Sta. Mesa, Manila	9/10/2017
Cansino, Julius S. Tenerife Jr., Pedrito M.	Orientation on CHED Research and Extension Priorities		✓	PUP VPRED - REMO			✓	Bulwagang Andres Bonifacio, Ninoy Aquino Library and Learning Resource Center	9/7/2017
Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Natividad, Ferdinand O. Oquindo, Florinda H. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	Calculating Impacts from Earthquakes, Severe Wind, and Flood Hazards		✓	PUP VPRED			✓	Claro M Recto Hall	8/30/2017
Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Lorico, Julian Jr. L. Rodriguez, Joshua Benjamin B. Tenerife, Pedrito Jr. M.	Expanded Tertiary Education Equivalency and Accreditation Program (ETEEAP)/Non-Traditional Study Program Tutoring & Evaluation Process	✓		PUP Open University			✓	ICT Center, Ninoy Aquino Library and Learning Resource Center	8/23/17 to 8/24/17
Pangilinan, Kerubin O.	2017 SWEEP Faculty Immersion Program	✓		SMART Communications Inc.	✓			SMART Office, 2/F PLDT Grace Park Building, 2 <sup>nd</sup> St. cor. 11 <sup>th</sup> Ave., Caloocan City	7/24/2017 to 8/4/2017
Tenerife Jr., Pedrito M.	OUS Course Specialists and Staff Development		✓	OUS-IOE			✓	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	7/23/2017

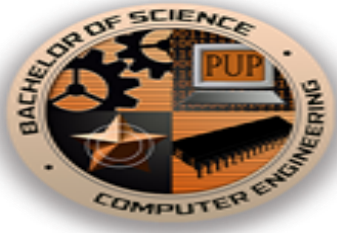
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Ado, Remedios G. Artificio, Edcel B. Cansino, Julius S. Dela Cruz, Arvin R. Mahaguay, Rolito L. Reyes, Lutzer U. Rodriguez, Joshua Benjamin B. Tenerife, Pedrito Jr. M.	Digital Logic Circuit SIMTEL Software Oscilloscope	✓		Humil International Corporation				✓	PUP, CEA Bldg.	6/2/2017
Tenerife Jr., Pedrito M. Tubola, Orland D.	Junior Researchers Proposal Writing Workshop		✓	Metropolitan Manila Industry and Energy Research and Development Consortium (MMDIERDC)			✓		CRD Conference Room CS Annex, Adamson University	5/10/2017 to 5/12/2017
Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M. Tubola, Orland D.	Biochemical Characteristics of Selected Ilocos Province Beaches		✓	PUP VPREPD				✓	Claro M Recto Hall	4/17/2017
Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M. Tubola, Orland D.	Capacitive Deionization: Previous Studies and Hands-on Demonstration		✓	PUP VPREPD				✓	Claro M Recto Hall	4/17/2017
Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M. Tubola, Orland D.	Stoichiometry of Trace elements in the Bering Saa		✓	PUP VPREPD				✓	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	4/3/2017
Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M. Tubola, Orland D.	Principles of Capacitive Deionization: An Environmentally Friendly Water Purification Technique		✓	PUP VPREPD				✓	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	4/3/2017



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Ado, Remedios G. Cabrera, Kevin Michael A. Cecogo, Vincent A. Delos Reyes, Norman David F. Legarda, Mary Ann V. Lorico, Julian Jr. L. Maigue, Chenne A. Manalo, Rico M. Natividad, Mark Karvin Z. Pangilinan, Kerubin Reyes, Lutzer U. Sawi, Christopher M. Tenerife, Pedrito Jr. M. Tria, Roman Angelo Velasco, Antonio Y.	Information Security		✓	Computer Engineering Department			✓	College of Engineering Bldg.,	3/18/2017
Artificio, Edcel B. Cantlas, Arlene B. Catriz, Elerde Jr. S. Chin, Frank Anthony R. Fernando, Ronald D. Ligayo, Michael Angelo D. Madrigalejos, Danilo C. Mahaguay, Rolito L. Natividad, Ferdinand O. Oquindo, Florinda H. Pajabera, Orlando V. Rodriguez, Joshua Benjamin B. Serviano, Azdie C. Tubola, Orland D. Valentino, Jimmar R. Verzo, Allan B.	Systems, Applications and Products (SAP) in Data Processing		✓	Computer Engineering Department			✓	College of Engineering Bldg.,	3/18/2017
Ado, Remedios G. Cansino, Julius S. Mahaguay, Rolito L. Tenerife, Pedrito Jr. M. Tubola, Orland D.	10 <sup>th</sup> Annual Research Awards		✓	PUP/DOST		✓		Bulwagang Balagtas, Ninoy Aquino Library and Learning Resources Center	3/9/2017 to 3/10/2017



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Tenerife Jr., Pedrito M.	Training-Workshop on Writing and Presenting Research Proposals towards Building Science Culture in National Capital Region	✓	National Academy of Science and Technology Department of Science and Technology Outstanding Young Scientists, Inc.	✓	Hotel Jen, Pasay City	2/16/2017 to 2/17/2017
Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M.	Seminar on Intellectual Property	✓	PUP VPRED Intellectual Property Management Office	✓	ICTO Lab, Phase 1 Ninoy Aquino Library and Learning Resource Center	12/12/2016 to 12/15/2016
Ado, Remedios G.	GS Year-End 2016 Assessment and 2017 Action Planning "Expanding the Possibilities for Graduate School and Upholding the PUP Vision"	✓	PUP OVPA Graduate School	✓	Cebu Room PUP Hasmin Hostel	12/12/2016
Tenerife Jr., Pedrito M.	Higher Education Institution Community Extension Forum 2016	✓	PUP Extension Management Office	✓	Century Park Hotel Manila	12/2/2016
Ado, Remedios G. Mahaguay, Rolito L. Tenerife Jr., Pedrito M. Velasco, Antonio Y.	2016 ICPEP National Convention, 4 <sup>th</sup> ICPEP National Conference on Computer Applications, Innovations, Technologies and Engineering (CAITE 2016) and National CpE Student Challenge	✓	Institute of Computer Engineers of the Philippines, Inc.	✓	Pearlmount Hotel Limketkai Center, Cagayan de Oro City.	11/23/2016 to 11/26/2016
Artificio, Edcel B.	The 7 Habits of Highly Effective People Education Version	✓	FranklinCovey	✓	Teach for the Philippines Makati City	11/19/2016
Ado, Remedios G. Natividad, Ferdinand O. Tubola, Orland D.	Professorial Chair Lecture "Earthquake Hazards and Risk Assessment".	✓	Institute for Science and Technology Research Center for Engineering and Technology Research	✓	Bulwagang Bonifacio Hall Ninoy Aquino Library and Learning Resources Center	11/16/2016
Ado, Remedios G. Cansino, Julius S. Lorico Jr., Julian L. Madrigalejos, Danilo C. Mahaguay, Rolito L. Natividad, Ferdinand O. Oquindo, Florinda H. Reyes, Lutzer U. Sawi, Christopher M. Tenerife Jr., Pedrito M.	Research Colloquium in Computing for Faculty and Students "Computing Innovations Toward Mitigation of Societal Challenges"	✓	Institute for Science and Technology Research in collaboration with College of Computer and Information Sciences and United States Agency for International Development	✓	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	9/17/2016

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Cansino, Julius S. Mahaguay, Rolito L. Tenerife Jr., Pedrito M.	Academic Teaching Excellence Course	✓	British Council in the Philippines	✓			British Council in the Philippines Ortigas Centre, Pasig City	9/16/2016
Ado, Remedios G. Artificio Edcel B. Cabrera, Kevin Michael A. Canlas, Arlene B. Cansino, Julius S. Khan, Ma. Leona S. Loñico Jr., Julian L. Madrigalejos, Danilo C. Mahaguay, Rolito L. Maigue, Chene A. Natividad, Ferdinand O. Natividad, Mark Karvin Z. Oquindo, Florinda H. Pajabera, Orlando V. Reyes, Lutzer U. Rodriguez, Joshua Benjamin B. Sawi, Christopher M. Serviano, Azdie C. Tenerife Jr., Pedrito M. Tubola, Orland D.	Software Freedom Day "Internet of Things"	✓	8Layer Technologies, Inc.	✓			Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	9/14/2016
Tenerife, Pedrito Jr. M. Tubola, Orland D.	Hatid ng Agham at Teknolohiya Kaunlaran ng Bawat Isa	✓	DOST-PCIEERD	✓			Widus Hotel, Clarkfield Pampanga	6/29/2016
Ado, Remedios G. Cansino, Julius S. Fernando, Ronald D. Mahaguay, Rolito L. Natividad, Ferdinand O. Oquindo, Florinda H. Reyes, Lutzer U. Tenerife, Pedrito M. Tubola, Orland D.	College of Engineering General Faculty Assembly	✓	CE Faculty Club			✓	CEA AVR	6/28/2016
Tenerife, Pedrito Jr. M. Tubola, Orland D.	The Internet of Things Technation Caravan	✓	8LAYER & Computer Engineering Department	✓			Claro M Recto Hall	6/23/2016
Cansino, Julius L.	Instrumentation Technical Training	✓	Emerson / US STRIDE	✓			Emerson, North Edsa	5/11/2016 to 6/01/2016

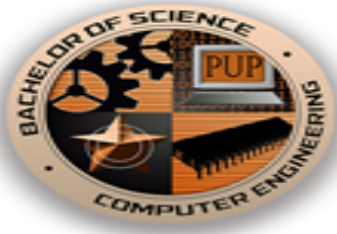


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Mahaguay, Rolito L.	K - 12 Training	✓		PUP SHS			✓	Bulwagang Balagtas, Ninoy Aquino Library and Learning Resource Center	5/19/2016 to 5/20/2016
Canlas, Arlene B. Cansino, Julius S. Lorico, Julian Jr. L. Mahaguay, Rolito L. Natividad, Ferdinand O. Oquindo, Florinda H. Tenerife, Pedrito M. Verzo, Allan B.	CE Faculty Development Seminar Series		✓	CE Faculty Club			✓	Tanauan City Batangas	5/12/2016 to 5/14/2016
Mahaguay, Rolito L. Tenerife, Pedrito Jr. M.	Test Construction		✓	PUP CVPAA			✓	Accenture Room	5/06/2016
Tenerife, Pedrito Jr. M.	Science and Technology Electoral Agenda 2016: Developing a Genuine S&T for the People		✓	AGHAM – Advocate of Science and Technology for the People		✓		College of Engineering AVR	4/25/2016
Reyes, Lutzer U.	9 <sup>th</sup> PMP Review Course	✓		Project Management Institute Philippines Chapter		✓		Discovery Suites, 25, ADB Avenue, Ortigas, Center, Pasig City	4/11/2016 to 4/15/2016
Tubola, Orland D.	ASEAN Citation Index(ACI) Editors Workshop		✓	Commission on Higher Education		✓		Midas Hotel and Casino, Roxas Blvd, Pasay City	4/1/2016
Ado, Remedios G. Mahaguay, Rolito L. Tenerife, Pedrito Jr. M. Tubola, Orland D.	9 <sup>th</sup> Annual Research Awards		✓	PUP/DOST		✓		Claro M. Recto Hall PUP Manila	3/10/2016 to 3/11/2016
Mahaguay, Rolito L. Natividad, Ferdinand O. Tenerife, Pedrito Jr. M. Tubola, Orland D.	DOST-TAPI Consultative Meeting		✓	PUP Intellectual Property Management Office			✓	Tahanan Ng Alumni Building	3/3/2016
Ado., Remedios G. Tenerife, Pedrito Jr. M.	IDEA Entrepreneurship Workshop 2016	✓		Philippine Development Foundation (PhilDev)		✓		Asian Institute of Management, Makati City	2/19/2016 to 2/21/2016
Tenerife, Pedrito Jr. M.	PUP Program Accreditation: Status Updates (Preliminary Survey Visit)		✓	PUP Quality Assurance Center			✓	Cebu Room, 7 <sup>th</sup> Floor Hasmin Hostel	2/9/2016
Tubola, Orland D.	Training-Workshop on "When Work and Life Balance: Everyone Wins"	✓		PUP-OVPREPD			✓	BPO Center, Sta. Mesa, Manila	12/17/2015

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Tenerife, Pedrito Jr. M.	6 <sup>th</sup> Global Congress & Conferment Ceremony New Paradigm of Leadership in Business & Industry, Education, and Public Administration	✓	Royal Institution Singapore Royal Institution, Philippines	✓		Manila Pavilion Hotel	12/12/2015
Mahaguay, Rolito L. Manalo, Rico M. Tenerife, Pedrito Jr. M. Velasco, Antonio Y.	ICpEP National Convention 2015: Enhancing Competencies and Meeting Future Challenges	✓	Institute of Computer Engineers of the Philippines, Inc. (ICpEP)	✓		Cebu Grand Hotel, Cebu City	11/25/2015 to 11/27/2015
Tubola, Orland D.	WORLD SCIENCE DAY For Peace and Development- Philippines Science for Sustainable Future	✓	AGHAM – Advocates of Science and Technology for the People		✓	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	11/10/2015
Legarda, Mary Ann V.	IGNITE Asia Pacific	✓	Oracle (Philippines) Corporation	✓		Cessna Business Park, Bangalore, India	10/6/2015 to 10/10/2015
Ado, Remedios G.	Training-Workshop of New Accreditors on Outcomes-Based Quality Assurance	✓	Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACUP)	✓		Alumni Center Tarlac State University Lucinda Campus, Tarlac City	10/12/2015 to 10/14/2015
Tenerife, Pedrito Jr. M. Tubola, Orland D.	Publishing in International Refereed Journals in Engineering, Science and Technology	✓	PUP – OVPREPD Institute for Science and Technology Research		✓	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	10/12/2015
Tubola, Orland D.	Start Writing a Great Paper and Getting It Published in a Research Journal	✓	USAID STRIDE Program		✓	Columbus Room, 42 <sup>nd</sup> Floor, Discovery Suites, 25 ADB Avenue, Ortigas Center, Pasig City	10/7/2015
Tubola, Orland D.	USAID STRIDE Innovation Workshop Series: SYNERGY 2015	✓	USAID STRIDE Program		✓	Crowne Plaza Manila Galleria, Ortigas Center	9/21/2015 to 9/22/2015
Ado, Remedios G.	e-CASE & e-Tech 2015 – Fall 2015 International Conference and e-Commerce, e-Administration, e-Society, e-Education, and e-Technology	✓	Meiji University, Japan National Institute of Technology, Kure College, Japan Shih Chien University, Taiwan Knowledge Association of Taiwan (KAT) International Business Academics Consortium (IBAC)	✓		Kyoto, Japan	9/8/2015 to 9/10/2015

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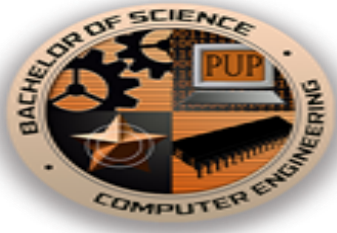


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Tenerife, Pedrito Jr. M	1 <sup>st</sup> National Advisory Council Summit 2015 "Convergence of Strategy Partners for Good Governance and Transformation in the Police Service"		✓	Philippine National Police	✓		Fontana Leisure Park and Hotel, Clark Economic Zone, Pampanga	8/27/2015 to 8/28/2015
Reyes, Lutzer U.	Financial Wellness Seminar		✓	LBC Express, Inc	✓		LBC Hangar, Domestic Road, Pasay City	8/6/2015
Ado, Remedios G. Manalo, Rico M.	Google for Education: Professional Development for Educators		✓	Google Philippines	✓		4th Floor Multi-Purpose Hall, Henry Sy Sr. Hall De La Salle University Taft Avenue, Manila	7/21/ 2015
Tubola, Orland D.	Workshop on the Work and Financial Plan, and Line-Item Budget in Connection with the Affiliated Renewable Energy Centers (ARECs)		✓	University of San Jose-Recoletos Department of Energy	✓		University of San Jose-Recoletos, Audio Visual Room, Basak-Pardo, Cebu City	7/14/2015
Reyes, Lutzer U.	Project Management Fundamentals Course 35	✓		Project Management Institute Philippines Chapter	✓		Discovery Suites, ADB Avenue, Ortigas Center, Pasig City	6/22/2015 to 6/26/2015
Tenerife, Pedrito Jr. M.	5 <sup>th</sup> Global Congress & Conferment Ceremony ASEAN Integration: Impact on Business & Industries, Education, and Public Administration		✓	Royal Institution Singapore Royal Institution, Philippines	✓		Century Park Hotel, Manila	6/6/2015
Ado, Remedios G Cansino, Julius S. Natividad, Ferdinand O. Tenerife, Pedrito Jr. M.	Outcomes-Based Development and Implementation for College of Engineering		✓	PUP-CE		✓	Pine Breeze Baguio City	6/3/2015 to 6/5/2015
Ado, Remedios G. Lorico, Julian Jr. L. Natividad, Ferdinand O. Tenerife, Pedrito Jr. M.	Resounding the University Funded International Papers: A Research Colloquium		✓	PUP		✓	Ninoy Aquino Library and Learning Resources Center	5/27/2015
Tenerife, Pedrito Jr. M.	International Gendered Development Intervention Conference: Focus on Disaster Risk Reduction Management and Climate Change Adaptation		✓	Iligan Institute of Technology	✓		College of Engineering Amphitheatre, MSU-Iligan Institute of Technology, Iligan City	5/21/2015 to 5/23/2015

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Mahaguay, Rolito L. Tenerife, Pedrito Jr. M.	Seminar-Workshop for the Preparation of OPCR and IPCR	✓	PUP		✓	PUP Call Center	5/15/2015
Artificio, Edcel B.	Teaching English Learners: Theory and Practice	✓	Loyola Marymount University School of Education		✓	Loyola Marymount University School of Education	4/27/2015 to 4/29/2015
Artificio, Edcel B.	Inclusive Teaching Practices: Providing Accommodations and Modifications to Support all Students in Accessing the Curriculum	✓	Loyola Marymount University School of Education		✓	Loyola Marymount University School of Education	4/27/2015 to 4/29/2015
Tubola, Orland D.	Forest Products Research and Development (FPRDI) Technologies	✓	Department of Science and Technology - NCR		✓	DOST Executive Lounge, DOST Compound, Bicutan, Taguig City	4/22/2015
Ado, Remedios G.	Orientation-Writeshop on Strategic Performance Management System – OPCR and IPCR	✓	PUP		✓	Ninoy Aquino Library and Learning Resource Center	1/21/2015
Mahaguay, Rolito L. Tenerife, Pedrito Jr. M.	Quality Management System (ISO 9001:2008) Orientation	✓	PUP		✓	Punongbayan Multimedia Room	12/19/2014
Legarda, Mary Ann V.	Sandler Sales Skills Foundation Workshop	✓	Oracle (Philippines) Corporation	✓		Singapore	12/16/2014 to 12/17/2014
Cansino, Julius S. Natividad, Ferdinand O.	Quality Management System (ISO 9001:2008) Orientation	✓	PUP		✓	Bulwagang Bonifacio, Ninoy Aquino Library and Learning Resource Center	12/16/2014
Ado, Remedios G.	4th Global Congress & Conferment Ceremony "ASEAN Integration 2015: Challenges & Directions on Business & Industry, Education, and Public Administration"	✓		✓		Manila Hotel	11/29/2014
Tenerife, Pedrito Jr. M.	10 <sup>th</sup> National Biotechnology Week Celebration	✓	Commission on Higher Education		✓	CHED, HEDC Building, C.P. Garcia Avenue, UP Diliman, Quezon City	11/24/2014 to 11/26/2014
Tubola, Orland D.	Renewables Readiness Assessment Workshop for Mainstreaming Renewables in the Philippines	✓	Department of Energy International Renewable Energy Agency (IRENA) Deutsche Gesellschaft for Internationale Zusammenarbeit (GIZ)		✓	5 <sup>th</sup> Floor Oakwood Premier JOY~NOSTALG Center Manila, 17 ADB Avenue, Ortigas Center, Pasig	10/22/2014 to 10/23/2014

(02) 8713 5968 | dcoe\_chair@gmail.com  
RM322 CEA BLDG. NDC COMPOUND,  
ANONAS COR. PUREZA STREETS, STA. MESA, MANILA





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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

To: Chairpersons & Lab Head 11/1/18, 2018

For Information and Appropriate  
 Re: VPAA Memo on Alternative  
Classroom Experience  
 Thanks & God Bless.

Dr. Remedios G. Ado  
 OIC-DEAN 11-5-18

**MEMORANDUM ORDER**  
 NO. 15, SERIES OF 2018

TO : ALL DEANS AND DIRECTORS  
 PROGRAM CHAIRS AND ACADEMIC HEADS  
 CHIEF EXECUTIVE DIRECTOR AND IOD DIRECTOR

FROM : *[Signature]*  
 VPAA MANUEL M. MUHI

SUBJECT : EXPLORING ALTERNATIVE CLASSROOM LEARNING EXPERIENCE

DATE : OCTOBER 30, 2018

As an additional facet of 21<sup>st</sup> Century Teaching and Learning, alternative classroom learning experience provides opportunities for students to thrive even in a non-traditional classroom set up. Therefore, all colleges are required to conceptualize an alternative lecture series during their college week or foundation day.

Let us afford our students a reimagined classroom experience through this mode of teaching/learning.

For compliance.

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

RECEIVED



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```
1 #include <iostream>
2
3 using namespace std;
4 char seat[2][5] = {{'B', 'A', 'X', '3', '4'},
5                  {'5', '6', '7', '8', '9'}};
6
7 int num;
8 int seatNo;
9 bool menu = true;
10
11 void display_board();
12 void reserve();
13 void cancel();
14 int main();
15
16 void display_menu()
17 {
18     cout << "\nWELCOME\n";
19     cout << "Enter the\n";
20     cout << "1. RESERVE\n";
21     cout << "2. CHANGE\n";
22     cout << "3. CANCEL\n";
23     cout << "5. EXIT\n";
24     cin >> num;
25     if(num == 1)
26     {
27         if(seat[0][0] == 'B' && seat[1][0] == '5')
28         {
29             system("cls");
30             cout << "Seat reserved\n";
31         }
32     }
33 }
```

Your seat was successfully reserved!  
If you want to reserve another seat just enter the number if not, enter [1] to go back to menu.  
Enter the number of the seat you want to reserve:

0	1	X	3	4
5	6	7	8	9

Compilation results...  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\LENOVO\Documents\ARAI\Data Structure\airlines.exe  
- Output Size: 1.83646962310791 MiB  
- Compilation Time: 4.80s

A working program made by the students



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CISCO Webpage Screenshots

The screenshot displays the Cisco Networking Academy 'I'm Learning' interface. At the top, the browser address bar shows the URL 'https://www.netacad.com/portal/learning'. The page header includes the Cisco Networking Academy logo and a search icon. Below the header, there are navigation links for 'Home / I'm Learning' and a last login timestamp of '11/15/2019 at 21:02 PM'. The main heading is 'I'm Learning', followed by two buttons: 'Refresh Status' and 'Browse Course Catalog'. Under the heading 'Courses I've Enrolled In', there is a dropdown menu for 'Status' currently set to 'All Statuses'. A course card is shown with a star icon and a red 'Ended' status indicator. The course details are: 'CMPE 30022-CPE-1S/2018-2019/1-1', 'PROGRAMMING LOGIC AND DESIGN', and 'PUP-CPE'. The enrollment period is '18 Jun - 31 Oct 2018', and the partner is 'CLA - Programming Essentials in C'. A message indicates that the user did not complete all requirements.

CISCO Webpage Screenshots





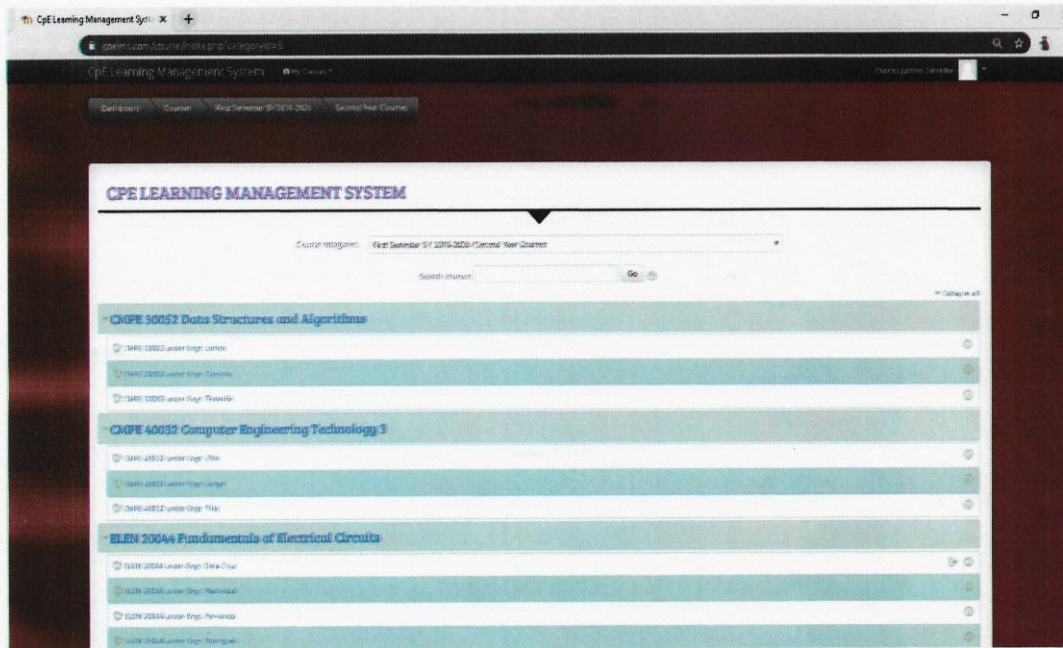
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Ilocos Norte Educational Tour



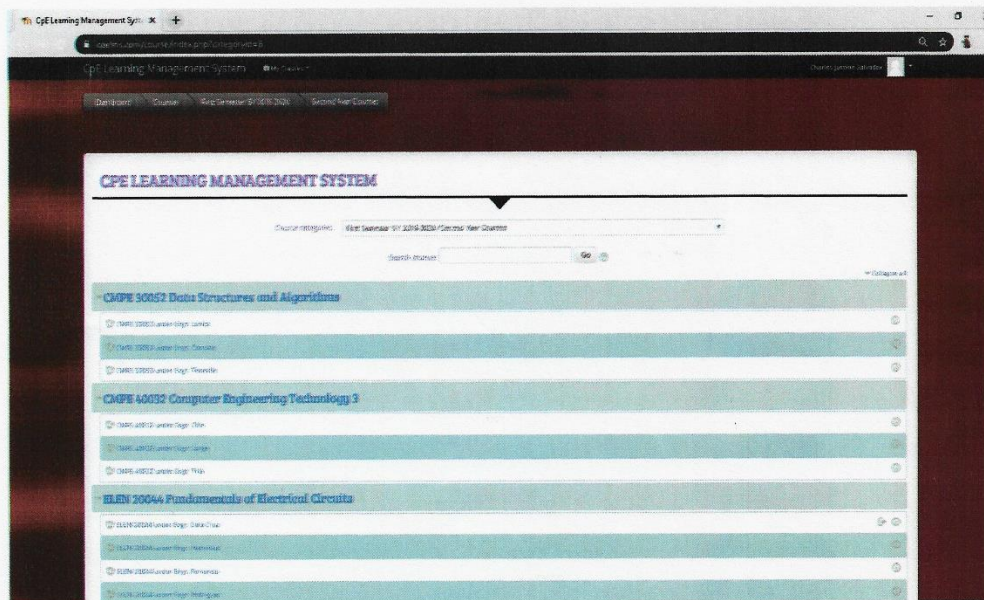
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Screen capture of COELMS account used by the Computer Engineering Faculty and Students



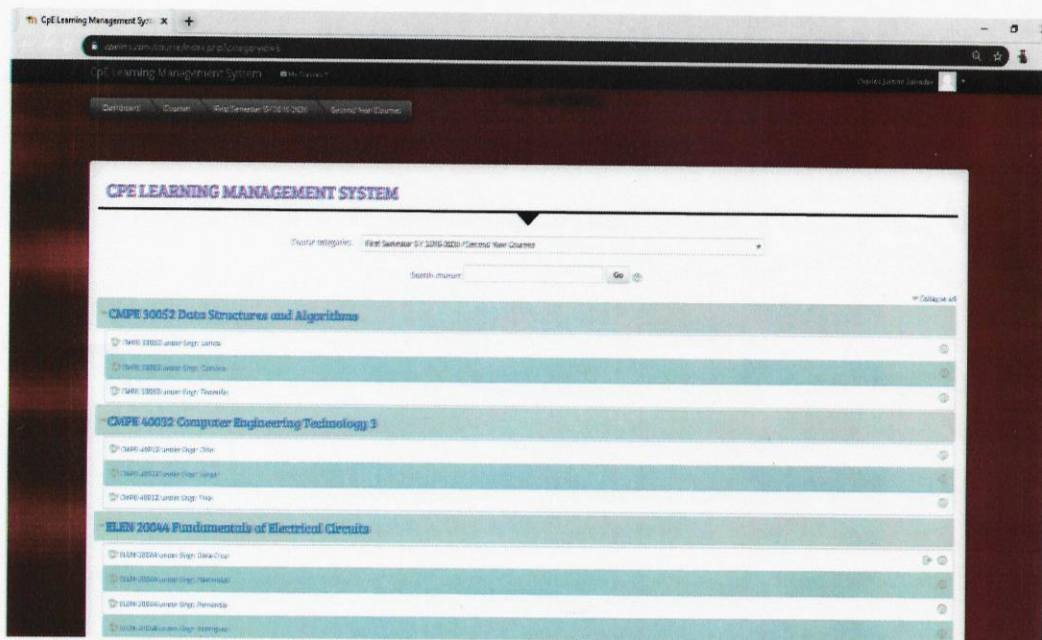
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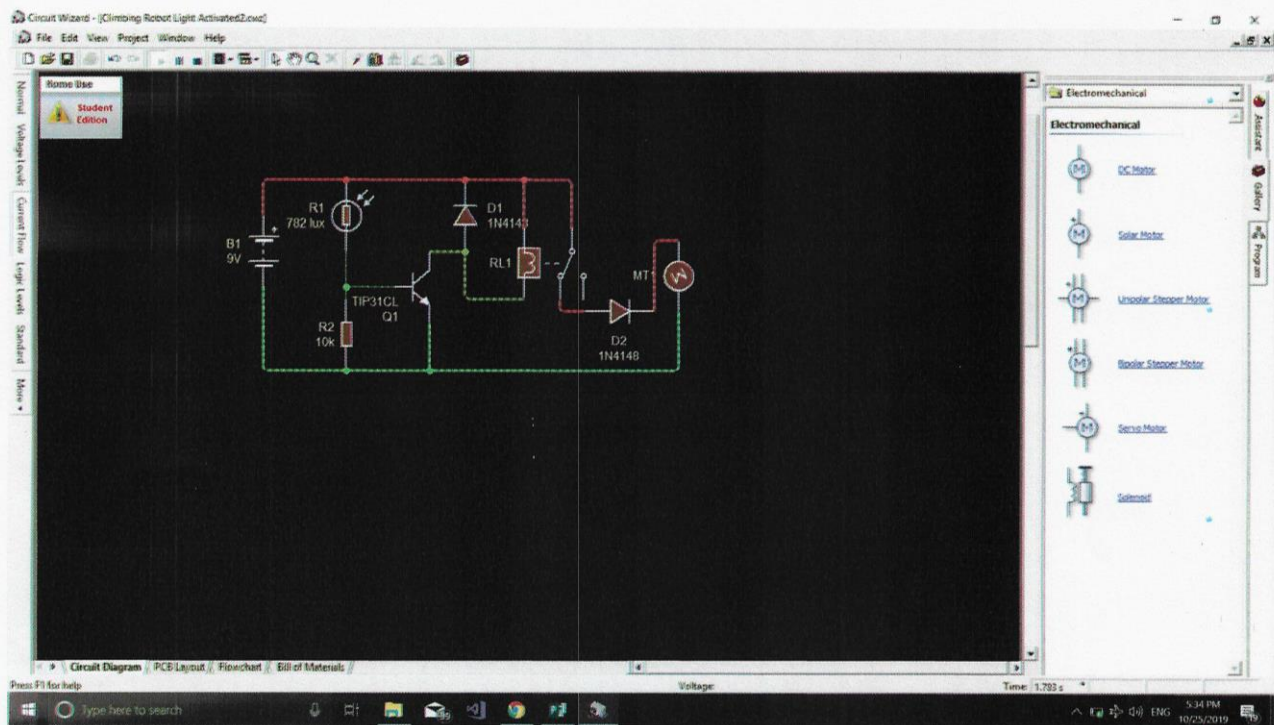
Screen capture of COELMS account used by the Computer Engineering Faculty and Students



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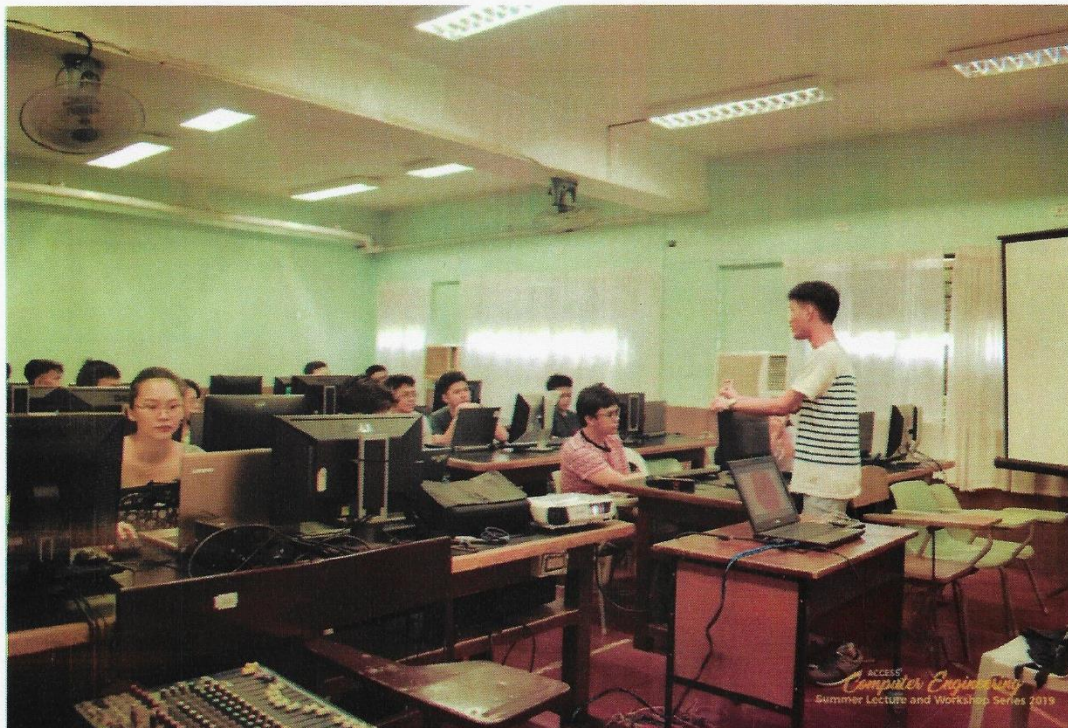
Screen capture of COELMS account used by the Computer Engineering Faculty and Students



Screen Capture of a working circuit in Circuit Wizard



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ACCESS Summer Workshop 2019