



Patriotism • Leadership • Service • Professionalism

CITY GOVERNMENT OF SAN PABLO
PAMANTASAN NG LUNGSOD NG SAN PABLO



CHED Recognized Local University
TESDA Recognized Programs
ALCU Commission on Accreditation – Level 2 Accredited
Member, Association of Local Colleges and Universities
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COLLEGE OF ENGINEERING

Bachelor of Science in Computer Engineering

COURSE OUTLINE in CPE321

Course Title: Basic Occupational Health and Safety

Course Description:

Introduces effective safety programs in industry; covers the causative factors of industrial accidents, the basic elements in safety management for accident control, risk management and insurance programming.

Credits: 3 Units (3 hours per week)

Pre-Requisite: 3rd year standing

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- Philosophy** : The school is deeply committed towards the integral formation of the human person, with a profound faith in God, in his fellow men and himself by providing its students the full development of their physical, intellectual, social and cultural endowment for effective participation in various professions and industrial occupations and to enable them to enjoy reasonable quality of life to be able to contribute to the upliftment of the human society.
- Vision** : Pamantasan ng Lungsod ng San Pablo is a Center of Excellence upholding globally – responsive education dedicated to transform lives and empower communities.
- Mission** : The Pamantasan ng Lungsod ng San Pablo mission statement is – To strengthen and synergize instruction, research and extension, administration and student development creating a learning community that ensures the generation of God-loving and wholistic graduates prepared for civic engagement, and academic and life success.
- Goals** :
1. The development of high-level professionals.
2. The attainment of empowered and globally competitive graduates
3. The pursuit of better-quality life for all its graduates
- Objectives** : The following are the objectives of Pamantasan ng Lungsod ng San Pablo as a higher educational institution that is locally funded by the San Pablo City Government and enjoys academic freedom:
1. to provide relevant knowledge and to a develop the skills, competencies, habits, attitudes and values of the students that are required in the chosen profession;
 2. to advance human knowledge through study and research;
 3. to give professional training in scientific, cultural, technological, industrial and vocational fields;
 4. to mold students to become professionally competent, creative, and capable of making free, morally upright choices and decisions and serve as positive agents of change in their respective community; and
 5. to provide opportunities for personal growth in leadership and community buildings through a network of student curricular, extra and co-curricular



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activities as well as human resource development programs for continuous growth of students, faculty and staff.

Core Values: The Pamantasan ng Lungsod ng San Pablo envisions its stakeholders to live up to its Core Values to assure an existence of meaning for self and for others.

PLSPians' Core Values are:

- a. **Patriotism:** The value of patriotism embodies self-sacrifice for the sake of the country in order to preserve its honor (Prasanna, 2020), with which every PLSPians should share the same sentiment that creates a sense of oneness that induces them to become a better person and a good citizen that shows unwavering and devotional love for our country and the ideals and aspirations that it stands for.
- b. **Leadership** – The PLSPians share the value of leadership, which helps to foster both a positive and motivating culture in their self-consciousness to achieve goals and what type of leader they want to be, and can contribute to their developing the necessary skills of a leader, which plays an important role in guiding on how the decisions and actions they take.
- c. **Service** – The PLSPians value service to humanity because they discovered an innate motivation to share compassion and work with the underprivileged members of society to improve their lives.
- d. **Professionalism** – Professionalism is demonstrated by PLSPians through Competence, Knowledge, Conscientiousness, Integrity, Respect, Emotional Intelligence, Appropriateness, Confidence, and Excellence, which affirms in the inherent worth and dignity of all people while adhering to the rules, regulations, and laws applicable to the profession that they pursue.

Source: *PLSP University Code*, BOR approved, March 2022

PILO : (Based on CMO no 87, s.2017)

At the end of the program, graduates will have the ability to:

- 1. Ability to apply knowledge of mathematics and sciences to solve complex engineering problems;
- 2. Ability to design and conduct experiments, as well as analyze and interpret data;
- 3. Ability to design a system, components, or process to meet desired needs within realistic constraints such as economics, environmental, social, political, ethical, health and safety, manufacturability, and sustainability, in accordance with standards;
- 4. Ability to function on multidisciplinary teams;
- 5. Ability to identify, formulate, and solve complex Engineering problems;
- 6. Understanding of professional and ethical responsibility;
- 7. Ability to communicate effectively;



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8. Broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context;
9. Recognition of the need for, and an ability to engage in life-long learning
10. Knowledge of contemporary issues;
11. Ability to use techniques, skills and modern Engineering tools necessary for engineering practice; and
12. Knowledge and understanding of engineering and management principles as a member and leader in a team, to manage the projects and in multidisciplinary environments.

CILO : At the end of the course, the learners will be able to:

1. Develop an interest in and appreciation for careers in the field.
2. Understand different safety management theories.
3. Understand different elements of safety programming and their rationale.

COURSE OUTLINE:

TERM	TOPICS/ SUBJECT MATTER	REFERENCES
1 st Week	I. Orientation <ul style="list-style-type: none">• PVMGO• Program / Course	Student Handbook, 2 nd Edition, 2018 basic occupational safety and health.pdf (spc.edu.ph) Republic of the Philippines DEPARTMENT OF LABOR AND EMPLOYMENT Occupational Safety and Health Center p. 4 - 128again, cite only the author, or article title, & year. All sources (full publication information) you listed here must reflect in the reference list at the last page)
2 nd Week	II. OSH and the BOSH Framework	
3 rd Week	III. OSH Situation in the Global and Local Levels	
4 th Week	IV. Unsafe / Unhealthy Acts and Conditions	
5 th Week	V. Housekeeping	
6 th Week	VI. Materials Handling and Storage	
7 th Week	VII. Fire Safety	
8 th Week	VIII. Electrical Safety	
9 th Week	IX. Machine Safety	
Midterm Exam	(date)	-----
10 th Week	I. Personal Protective Equipment	basic occupational safety and health.pdf (spc.edu.ph) Republic of the Philippines DEPARTMENT OF LABOR AND EMPLOYMENT Occupational Safety and Health Center p. 129 - 249
11 th Week	II. Industrial Hygiene	
12 th Week	III. Environment Control Measures	
13 th Week	IV. Occupational Health Hazards and Their Health Effects	
14 th Week	V. Safety and Health Inspection	
15 th Week	VI. Accident Investigation	
16 th Week	VII. Development of an OSH Program	



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17th - 18th Week	VIII. OSH Legislation	
Final Exam	(date)	-----

Course Requirements:

- Quizzes
- Class participation / Assignments / Report
- Individual / Group Activities
- Periodic Examinations

House Rules (Classroom Policies):

A. For Online Mode of Delivery (Synchronous)

1. Be on time. Sign in at least 1-2 minutes before class.
2. Be prepared. All your things must be prepared before joining the class.
3. Mute your microphone. Mute yourself until it is your turn to speak.
4. Be mindful of background noise. When your microphone is not muted, avoid activities that could create additional noise.
5. Position your camera properly. If you choose to use a web camera, be sure it is in a stable position and focused at eye level, if possible.
6. Do not eat. We do not eat during online class session.
7. Dress appropriately. Wear something comfortable but presentable
8. Raise your hand. Raise your hand to talk or to ask Professor for help
9. Be respectful, responsible and kind.
10. Focus, Pay attention, listen and participate. Say no to distractions: Food, TV, toys, pets, music, games and more.

B. For Offline Mode of Delivery (Asynchronous)

1. Using our time in doing activities that is given during Asynchronous session.
2. Check your Google classroom for the provided module.
3. Study the given module and be ready for discussion on the next synchronous session.

Evaluation/ Grading System:

LOA MT GP	LOA Final GP	FINAL GRADE
*LOA Midterm = **CS X .70	LOA Finals = CS X .70	MT Grade X. .40 (40%)
Midterm Exam = ***ES X .30	Final Exam = ES X .30	Final Grade X..60 (60%)
<div>100%</div>	<div>100 %</div>	<div>100%</div>



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LOA** = learning outcomes assessment **ES** = equivalent score Approved: Academic Council
****CS** = class standing

Range	Grade Equivalent	Range	Grade Equivalent	Range	Grade Equivalent	Range	Grade Equivalent
98 – 100	1.00	91 – 89	1.75	82 – 80	2.50	74 BELOW	5.00
95 – 97	1.25	88 – 86	2.0	79 – 77	2.75	-----	-----
94 – 92	1.50	85 – 83	2.25	76 - 75	3.00	-----	-----

Remarks such as: INC (incomplete) - allowed only for the final grading period but only for the reason of failure to take the final examination

OW (Officially Withdrawn) – for officially-dropped student

UW (Unauthorized withdrawal) – for student who did not report to class for both online and offline mode and could not be contacted by any means nor filed an LOA or dropping form at the Registrar’s Office; will receive a grade of 5.00

Academic Policies:

A true PLSPian:

1. Demonstrates the PVMGO of the Pamantasan and her core values – Patriotism, Leadership, Service, and Professionalism.
2. Participates actively and productively in both academic and non-academic activities anchored on the learner-centered approach and outcomes-based education.
3. Embraces learning for life and uses the course outline as a guide in his/her own academic pursuit.
4. Complies to the requirements of the course/s efficiently and effectively.
5. Follow the rules on student discipline as prescribed in the Student Handbook 2018 revised edition.
6. Promote gender equality and advocate the anti-gender discrimination law (MCW, Sec,4-A, RA 9710)
7. Observe digital literacy by being responsible users of online platforms, the Data Privacy Guidelines adopted in PLSP (see DPO Statement) and Intellectual Property Rights/Copyright Laws in the use of secondary sources and presentation of creative works.
8. Uphold the policies, rules and regulations of the program, the College, and of the Institution as a whole as his/her expression of respect, professionalism, and loyalty to his/her Alma Mater.

DPO STATEMENT

PLSP is committed to protect the privacy rights of individuals on personal information pursuant to the provisions of Republic Act No. 10173 or the Data Privacy Act of 2012, its Implementing Rules and Regulations.

All employees, students and administration officers are enjoined to comply with and to share in the responsibility to secure and protect personal information collected and processed by PLSP in pursuit of legitimate purposes.

All documents, printed and electronic, shared by your instructors containing their names, titles, and signature should not be shared by those who are not member of the DLSP community without the consent and approval of your instructors.



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Student Consultation Hour and Follow-Up Policy: Since the mode of instruction is flexible, the lines of consultation and follow-ups for students' learning must be open but within the boundaries of the class week (M to Th), one-hour in a week and during the free period of the teacher so as not to affect the number of regular classroom hours. The teacher must inform the class about the consultation schedule. This is to observe respect of privacy of time both on the part of the teacher and the students, as well as to instill the value of time management. Proper documentation of student consultation and follow-ups using a template issued by the Program is highly advised.

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http://my.spc.edu.ph:70/e_books/engineering/Mechanical%20Engineering/basic%20occupational%20safety%20and%20health.pdf

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States. American Conference of Governmental Industrial Hygienists (ACGIH®). (2010). TLVs® and

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physical agents & biological exposure indices. Cincinnati, OH: ACGIH. Philippines. Department of

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Prepared by (Updated by):

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Date submitted: _____

Reviewed by:

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Date Reviewed: _____

This part is for the use of CLAMDev only.

REMARKS	DATE RECEIVED	RECEIVED BY:

CLAMDev Form 1B-2021
CLAMDEV Course Outline Template 2021

Approved by:
The VPAA, 14 September 2021
The Academic Council, 16 September 2021

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