



**National University of Engineering (UNI)**  
School of Computer Science  
Syllabus 2024-II

**1. COURSE**

CH101. Chemistry I (Mandatory)

**2. GENERAL INFORMATION**

- 2.1 Course : CH101. Chemistry I
- 2.2 Semester : 1<sup>st</sup> Semester.
- 2.3 Credits : 3
- 2.4 Horas : 2 HT; 2 HP;
- 2.5 Duration of the period : 16 weeks
- 2.6 Type of course : Mandatory
- 2.7 Learning modality : Face to face
- 2.8 Prerequisites : None

**3. PROFESSORS**

Meetings after coordination with the professor

**4. INTRODUCTION TO THE COURSE**

Write justification for this course here ...

**5. GOALS**

- Write your first goal here..
- Write your second goal here..

**6. COMPETENCES**

- 1) Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions. (Familiarity)

**7. TOPICS**

<b>Unit 1: Unit title (2 hours)</b>	
<b>Competences Expected:</b>	
<b>Topics</b>	<b>Learning Outcomes</b>
<ul style="list-style-type: none"><li>• Topic1</li><li>• Topic2</li></ul>	<ul style="list-style-type: none"><li>• LearningOutcome1 [Familiarizarse].</li><li>• LearningOutcome2 [Usar].</li><li>• LearningOutcome3 [Evaluar].</li></ul>
<b>Readings :</b> [For20], [ACM23]	

**8. WORKPLAN**

**8.1 Methodology**

Individual and team participation is encouraged to present their ideas, motivating them with additional points in the different stages of the course evaluation.

**8.2 Theory Sessions**

The theory sessions are held in master classes with activities including active learning and roleplay to allow students to internalize the concepts.

### 8.3 Practical Sessions

The practical sessions are held in class where a series of exercises and/or practical concepts are developed through problem solving, problem solving, specific exercises and/or in application contexts.

## 9. EVALUATION SYSTEM

\*\*\*\*\* EVALUATION MISSING \*\*\*\*\*

## 10. BASIC BIBLIOGRAPHY

- [For20] ACM/IEEE-CS Joint Task Force. *Computing Curricula 2020*. Tech. rep. ACM Press and IEEE Computer Society Press, Dec. 2020. DOI: 10.1145/3467967. URL: <https://dl.acm.org/citation.cfm?id=3467967>.
- [ACM23] ACM/IEEE-CS/AAAI Joint Task Force. *CS2023: ACM/IEEE-CS/AAAI Computer Science Curricula*. Tech. rep. ACM Press, IEEE Computer Society Press, and AAAI Press, Mar. 2023.