NATIONAL UNIVERSITY OF SAN MARCOS

FACULTY OF MATHEMATICAL SCIENCES

SYLLABUS

1. GENERAL INFORMATION

1.1 Course name	:	Language
1.2 Code	:	FG101
1.3 Academic Program	:	Scientific Computing
1.4 Credits	:	2
1.5 Prerrequisites	:	None
1.6 Type of Course	:	Mandatory
1.7 Area of Studies	:	Estudios Generales
1.8 Number of Weeks	:	16
1.9 Hours per week	:	1 HT; 2 HP;
1.10 Cycle	:	I
1.11 Learning modality	:	Face to face
1.12 Academic Period	:	2026-I
1.13 Semester Start Date	:	
1.14 Semester End Date	:	

2. PROFESSORS

Meetings after coordination with the professor

3. INTRODUCTION TO THE COURSE

The Language course is fundamental for the development of the university student's communicative skills. It focuses on mastering the rules and principles that regulate the use of standard Spanish, covering phonetic, syntactic, lexical, and pragmatic levels. Likewise, it seeks to strengthen the capacity for reading comprehension, synthesis, and academic writing under international standards, ensuring that the graduate can communicate their ideas with coherence, ethics, and academic rigor.

4. GOALS

- Know and apply Spanish writing standards in the drafting and editing of diverse texts.
- Understand the fundamental concepts of human communication and adapt the message to the academic reality.
- Apply basic research and writing knowledge to prepare structured academic reports.
- Execute formal speeches with responsibility, ethics, and mastery of oral expression techniques.

5. COMPETENCES

ABET-4) An ability to communicate effectively with a range of audiences. (Usage)

ABET-5) An ability to understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global, economic, environmental, and societal contexts. (Usage)

6. TOPICS

Unit 1: Spanish Language and Regulations (16 hours)	
Competences Expected: ABET-4	
Topics	**Learning Outcomes**
• Language, speech, and norm. • Functions of language and the linguistic reality of Peru. • Written accentuation: General and special rules. • Reading: Comprehension strategies and main ideas. • Orthography of numerical expressions.	• Recognize linguistic terms and language functions in various contexts [Familiarizarse]. • Correctly use orthography and accentuation rules in text production [Usar]. • Analyze the multilingual reality of Peru and characterize academic language [Evaluar].
Readings : [**RAE2010**], [**RAE2014**]	

Unit 2: Academic Writing (16 hours)	
Competences Expected: ABET-4	
Topics	**Learning Outcomes**
• The academic report: Planning and structure. • Direct and indirect citations, and paraphrasing according to APA standards. • The sentence as a syntactic unit: Subject and predicate. • Punctuation marks: Period, comma, and semicolon. • Summary of scientific articles.	• Identify the syntactic structure of simple and compound sentences [Familiarizarse]. • Employ citations and bibliographic references following APA regulations [Usar]. • Prepare coherent summaries of scientific articles and plan academic reports [Evaluar].
Readings : [**MartÃ■nez2002**], [**Nariola2007**]	

Unit 3: Text Drafting and Grammar (16 hours)	
Competences Expected: ABET-4	
Topics	**Learning Outcomes**
• Cases of redundancy, colloquialisms, and solecisms. • Subordinate compound sentences: Noun, adjective, and adverbial. • APA and Vancouver standards in scientific writing. • Textual coherence and cohesion: Dequeísmo and queísmo. • Review and editing of the academic report.	• Detect common writing errors such as lexical imprecision and language vices [Familiarizarse]. • Organize paragraphs with proper grammatical cohesion and coherence [Usar]. • Correct and co-evaluate academic texts to ensure standard language use [Evaluar].
Readings : [**MarÃ■n2008**], [**MartÃ■nez2002**]	

Unit 4: Oral Expression and Public Speaking (16 hours)	
Competences Expected: ABET-4	
Topics	**Learning Outcomes**
• The art of public speaking: Oratory and discourse. • Characteristics and types of oratory. • Preparation of visual aids (PPT) for presentations. • Ethical responsibilities of the speaker. • Final presentation of the academic report.	• Internalize fundamental discourse techniques and active listening [Familiarizarse]. • Design effective visual presentations that complement oral communication [Usar]. • Present academic reports with fluency, propriety, and ethics before an audience [Evaluar].
Readings : [**Verderber2010**]	

7. WORKPLAN

7.1 Methodology

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

7.2 Theory Sessions

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

7.3 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.

8. EVALUATION SYSTEM

********* EVALUATION MISSING ********

9. BASIC BIBLIOGRAPHY