

ORIENTATION SEMINAR IME

LEARNING OUTCOMES

A. GENERAL LEARNING OBJECTIVE

At the end of the course, the student will be able to analyze the university academic environment, as well as the rights and obligations of university students that will allow them to analyze the opportunities to improve their skills and their academic performance.

B. EDUCATIONAL CONTENTS

STUDENT OUTCOMES TO WHICH THE TRAINING SPACE CONTRIBUTES.

Specific student outcomes	None
Student outcomes of emphasis	Does not apply

PERFORMANCE INDICATORS, SKILLS AND SCIENTIFIC-PROFESSIONAL KNOWLEDGE

The professional performance indicators, knowledge and skills promoted by this formation space are:

Learning results that the student will achieve in this training space	
Performance criteria	None
Knowledge	History of the Electromechanical Engineering Program. Educational Objectives and Student Outcomes. EGEL-IME results Work field of the Electromechanical Engineering program. Curriculum Reading and exposition in English of an article related to electrical and mechanical engineering. Regulations and organizational structure of the UASLP. IME's commitment to society.
Skills	Teamwork. Report writing. English language reading.

C. UASLP GRADUATE: PERFORMANCE INDICATORS AND TRANSVERSAL SKILLS

Graduate profile UASLP	Performance indicators and transversal skills promoted by this training space
Professional autonomy for learning (an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.)	The student... 7.4 Has information of engineering state-of-the-art.
Collaborative work skills (an ability to function effectively on a	The student... 5.1 Contributes positively and widely to the work team.

team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives)	5.2 Assumes responsibilities as a team member. 5.3 Expresses his/her ideas and concerns without fear.
Communication skills in spanish and other languages (an ability to communicate effectively with a range of audiences)	The student... 3.1 Has organized oral communication, being consistent with the central message and using appropriate body language to express one's ideas. 3.2 Has organized written communication, which is consistent with the central message identified in the introduction, where the main points are linked to transitions and a conclusion. 3.3 Uses modern presentation tools, such as audio, video, etc. effectively. 3.4 Uses extensive and appropriate vocabulary, as well as correct grammar. 3.5 Communicates orally and in writing in a language other than the first language.
Scientific, professional, and/or social creative project development	This student outcomes in engineering is considered as specific professional, the performance indicators are already integrated within this training space.
Social responsibility and ethical reflection (an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts)	The student... 4.1 Identifies the facts and work methods considering ethical principles. 4.2 Rejects work that has the purpose of violating the general interest of society. 4.3 Avoids putting personal interests before the matters entrusted, or colluding to exercise unfair competition. 4.4 Safeguards the interests of the institution or persons and makes good use of the resources allocated for the performance of their activities. 4.5 Complies with society, attending to the welfare and progress of the majority. 4.7 Demonstrates responsibility and awareness of the consequences of his/her activities for society in general.

GENERAL STRUCTURE AND SUMMATIVE EVALUATION

D. GENERAL DIDACTIC PLANNING

During the course the student will receive information to improve their performance in the university academic environment through 16 weekly one-hour sessions.

The teaching methodology is:

- By the professor: He will be the presenter of most of the sessions of the seminar in the classroom and will indicate to the student when he must move to another university campus for sessions where the professor is not the presenter.

- By the student: Attend the teacher's presentations and write a handwritten report of at least 500 words for each session. The student will present a session in English regarding a technical or scientific reading related to electromechanical topics, the presentation will be individually or in a team of two people and will last 5 to 6 minutes per team.

The training and learning structure proposed for the training space is shown below.

#	Name of the unit or training phase	Unit learning objective	Specific educative contents (performance indicators, skills, knowledge)
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1.	1. Sessions	At the end of the course, the student will be able of analyze the university academic environment, as well as the rights and obligations of university students that will allow them to analyze the opportunities to improve their skills and their academic performance.	<p>Specific educational content:</p> <ol style="list-style-type: none"> 1.- Course introduction 2.- IME program History, mission and philosophy. 3.- EGEL-IME results. 4.- Educational Objectives and Student Outcomes. 5.- Study Plan (First part). 6.- Study Plan (Second part). 7.- IME work field. 8.- Transcript review, transcript verification and inscriptions. 9.- Institutional regulations. 10.- Technical reading of an electromechanical topic and exposition in English. 11.- Attendance at the presentation of preliminary projects or presentation of the progress of the Integrative Project. 12.- IME's commitment to society. 13.- Organizational Structure of the College of Engineering. 14.- Conference with graduates of recognized trajectory. 15.- Conference on the Institutional Program for Health Promotion. 16.- Course evaluation and balance. <p>Learning activities: Reading and exposition in English of an article related to electrical mechanical engineering. Report writing.</p>
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E. ASSESSMENT

The summative evaluation proposal for the training space is shown below. According to it, students will receive an ordinary grade. This subject only reports the ordinary grade; the details of the evaluation are shown in Table 1. Additionally, the professor can leave learning activities that he deems appropriate and will be mandatory for the delivery of the ordinary grade.

Table 1

#	Time of evaluation	Proposal for the summative assessment of learning	Evaluation percentage
1.	Ordinary exam evaluation according to the calendar of the College of Engineering. The reports of the work sessions will be evaluated.	<p>The student will deliver reports of sessions 2 to 15. The teacher will evaluate the reports and the presentation of the students based on 10 points taking into account the following criteria:</p> <ul style="list-style-type: none"> • Structure (Cover with general data, objective of the session, development of the session, conclusions, references). • Report grammar • Content attached to what was seen in the session. <p>When the student does not attend the session, she will not be able to deliver a report, for average purposes, the grade will be 0 (zero).</p>	100 %

Ordinary final assessment	The ordinary grade will be the average of the evaluations of the reports of the sessions and of the student's presentation. The qualification will be reported based on 10 and will proceed according to the UASLP Examination Regulations to declare the accredited subject. The value of the qualification is 100%.
Extraordinary assessment	This course does not include an extraordinary assessment.
Sufficiency assessment	This course does not include a sufficiency assessment
Regularization assessment	This course does not include a regularization assessment

F. BIBLIOGRAPHIC AND DIGITAL RESOURCES

BASIC TEXTS:

1. UASLP, Estatuto Orgánico de la Universidad Autónoma de San Luis Potosí, 2010.
2. UASLP, Facultad de Ingeniería, Reglamento Interno. 2015.
3. UASLP, Facultad de Ingeniería, Manual de Organización. 2004.
4. UASLP, Reglamento de Exámenes. Creación en 1988, modificación en 2019.

ELECTRONIC ADDRESSES OF INTEREST:

5. www.scopus.com
6. www.sciencedirect.com
7. <https://ocw.mit.edu/courses/physics/8-02-physics-ii-electricity-and-magnetism-spring-2007/class-slides/>
8. www.learnEngineering.org
9. <https://ieeexplore.ieee.org/Xplore/home.jsp>

CURRICULAR AND SCHOOL DATA

Area	Line	Type of credit	Type of formation space	Language of instruction	Method of delivery
Other	N/A	Required	Course	Spanish	In person

CREDITS

According to the official curricular proposal, the school data of the formation space are:

Semester	Number of weeks	Classroom hours per week	Contact hours of practice per week	Hours of autonomous student work per week	Credits per agreement 17/11/17(before 279)

1	16	-	-	1	1
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REQUIREMENTS TO ATTEND THE FORMATION SPACE

The school requirements for the formation space are noted below, if necessary

#	REQUIREMENTS
1.	None

EQUIVALENCIES OF THE FORMATION SPACE

Next, the equivalences of the training space with spaces of previous educational programs are indicated, if necessary.

EQUIVALENCES
N/A

INTEROPERABILITY

This formation space is shared with other educational programs and/or academic entities: No.

ACADEMIC INSTITUTION AND EDUCATIONAL PROGRAMS
College of Engineering: Electromechanical Engineering

OTHER FORMS OF ACCREDITATION

- This formation space can be accredited through the presentation of a document certifying that the student has already acquired the necessary learning: **No**.
- This formation space can be accredited through an exam that certifies that the student has already acquired the necessary learning: **No**.

FORMATION OPTIONS

This formation space is part of the following options:

Training option	Yes/ No
Bachelor's Degree	Yes
Dual formation program	No
Higher University Technician	No
Executive career	No
Partial accreditation option	No
Residency or internship	No

TEACHER PROFILE

The teacher must know about the student outcomes that are promoted in the students of the electromechanical engineering program.

Formation and academic experience

- Electromechanical Engineer or related career with Master's or Doctorate studies.

Formation and professional and work experience



- Must have experience in the course topics.

MAXIMUM AND MINIMUM NUMBER OF STUDENTS PER GROUP

- Maximum number of students to guarantee academic, pedagogical, and financial viability: 15
- Minimum number of students to guarantee academic, pedagogical, and financial viability: 5

TYPE OF PROPOSAL

- It is a version of programs that are presented as a curricular adjustment of content within the framework of an existing educational program.

DEVELOPERS AND REVIEWERS

Developers of this programs	Reviewers of this programs
PhD. Baudel Lara Lara	Dr. Francisco Pérez Gutiérrez
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