UNIVERSIDAD SAN IGNACIO DE LOYOLA

SYLLABUS

Course Information						
Code:	**IIN52045**	Course:	**LEAN MANAGEMENT**			
Coordination Area / Program:		**FAC. INGENIERÍA: ING. EMPRESARIAL**			Mode: **A distancia**	
Credits: **04**		Tipo de hora	Presencial	Virtual	H. Totales	Autonomous Learning Hours: **128**
		H.Teoria	0	64	64	
		H.Práctica	0	0	0	
		H.Laboratorio	0	0	0	
Period: **2024-02**		Start date and end of period: **del 19/08/2024 al 08/12/2024**				
Career: **INGENIERÍA EMPRESARIAL**						

Course Pre-requisites		
Code	**Course - Credits**	**Career**
FC-AD-IEM ARQUNEGO	ARQUITECTURA DEL NEGOCIO	ING. EMPRESARIAL
FC-IEM ARQUNEGO	ARQUITECTURA DEL NEGOCIO	ING. EMPRESARIAL

Course Coordinators			
Surname and First Name	**Email**	**Contact Hour**	**Contact Site**
DIAZ SANCHEZ, FANNY KARINA	FDIAZS@USIL.EDU.PE	L-V de 4-5 pm	La Molina

Instructors
You can check the timetables for each teacher in their INFOSIL in the ***Classes Development Teachers*** option ***Teachers.***

Course Overview
Lean management is a course that belongs to the training area of specialty studies, is theoretical in nature and contributes to the development of business project management skills and participation and leadership in business engineering. It includes the following thematic axes: the general description of lean management, its tools, terms and philosophy. Organize the workplace using tools such as the 5 S, the visual factory concept and related techniques. Implementation of continuous improvement methodologies. The creditable product of the course is the presentation of a general report that includes the gradual advancement of the course contents through real cases.

Professional and/or General Competencies			
Career/Program	**Acronym/Name of the Competition**	**Competition level**	**Expected learning**
BUSINESS ENGINEERING	CP4: Business Project Management	N2 Formulates the Project based on the good practices of the PMBOK in its fully updated version, taking into account the restrictions and variables to optimize the solution to the problem.	• Identifies the components and elements of a business project according to its nature. • Develop business projects taking into account the needs and problems of the environment. • Apply business projects taking into account the needs and problems of the environment. • Evaluates the impact of business projects taking into account their social,

			economic and environmental impact.
	CP5: Participation and Leadership in Business Engineering	N2 Demonstrates your ability to work in a team whose members together provide leadership, creating a collaborative and inclusive environment, establish goals, plan tasks and meet short, medium and long-term objectives.	• Identify the roles and tasks within a multidisciplinary work team. • Participates in a multidisciplinary work team within a business project context. • Leads multidisciplinary work teams managing conflicts within a business project.

General Course Result	Unit Result
During the sessions, knowledge is reinforced through case analysis and reflective questions, motivating students to actively participate by answering questions in class. The methodology is suitable for the development of the course in the face-to-face modality.	1. At the end of unit I, the student analyzes the components and elements of a business project according to its nature.
	2. At the end of unit II, the student applies business projects taking into account the needs and problems of the environment.
	3. At the end of unit III, the student participates in a multidisciplinary work team applying business projects taking into account the needs and problems of the environment.
	4. At the end of unit IV, the student evaluates the impact of business projects taking into account their social, economic and environmental impact, leading a multidisciplinary team.

Development of activities		
Unit Result 1: *At the end of unit I, the student analyzes the components and elements of a business project according to its nature.*		
Session 1: *Analyze Lean management concepts*		Semana 1 a 3
Learning Activities	**Contents**	**Evidence**
Reading and previous exercise, presentation of topics, video projection and training of work teams.	- Socialization of the syllable course. - General description of lean management, terms and philosophy.	Case analysis report.
Session 2: *Analyze Lean management tools*		Semana 4 a 6
Learning Activities	**Contents**	**Evidence**
Reading and previous exercise, presentation of topics, video projection and training of work teams.	- General description of your tools.	Case analysis report.
Unit Result 2: *At the end of unit II, the student applies business projects taking into account the needs and problems of the environment.*		
Session 3: *Analyze the application of 5S Method*		Semana 7 a 8
Learning Activities	**Contents**	**Evidence**
Reading and previous exercise, presentation of topics, video projection and training of work teams.	- Principles - Application Cases - Better practices Management	Case analysis report.
Session 4: *Analyze the application of Lean Six Sigma.*		Semana 9 a 11
Learning Activities	**Contents**	**Evidence**
Reading and previous exercise, presentation of topics, video	- Principles - Application Cases - Better practices Management	Case analysis report.

projection and training of work teams.		
Unit Result 3: *At the end of unit III, the student participates in a multidisciplinary work team applying business projects taking into account the needs and problems of the environment.*		
Session 5: *Participate in Project Design Lean Management*		Semana 12 a 14
Learning Activities	**Contents**	**Evidence**
Reading and previous exercise, presentation of topics, video projection and training of work teams.	- Lean Management Project Design .	Case analysis report.
Unit Result 4: *At the end of unit IV, the student evaluates the impact of business projects taking into account their social, economic and environmental impact, leading a multidisciplinary team.*		
Session 6: *At the end of the session, the student, through the creditable Final Project, validates the knowledge acquired in the class sessions*		Semana 15 a 16
Learning Activities	**Contents**	**Evidence**
Reading and previous exercise, presentation of topics, video projection and training of work teams.	- Simulation of the social, economic and environmental impact of the Implementation of the Lean Management Project.	Case analysis report.

Methodology

The course will be developed based on the following methodologies: Aprendizaje basado en problemas , Aprendizaje basado en proyectos , Durante las sesiones se refuerza los conocimientos a través de análisis de casos y preguntas reflexivas, motivando a los estudiantes a participar activamente respondiendo preguntas en clase.

Assessment System

Each of the items of the evaluation scheme and the final grade of the course are rounded to whole numbers. The final grade of the course is the weighted average of the corresponding items: permanent evaluation, partial exam and final exam.

The averages calculated components of the item 'Permanent Evaluation' will keep your calculation with 2 decimals.

Type Evaluation	%Weighing	Observation	Week Assessment	Rezag.
Evaluación Permanente	**100**%			
Promedio de Evaluaciones	**30**%			
Evaluación 1		Se elimina la menor nota	Semana 4	No
Evaluación 2		Se elimina la menor nota	Semana 7	No
Evaluación 3		Se elimina la menor nota	Semana 12	No
Evaluación 4		Se elimina la menor nota	Semana 14	No
Sustentación	**35**%		Semana 15	No
Trabajo Final	**35**%	Producto Acreditable	Semana 16	No

Attendance Policy

Total Percentage Absences Permitted	30%

Class attendance is mandatory. The student who reaches or exceeds the limit of thirty percent (30%) of absences in the course, defined by the total of effective hours, will be disqualified from taking the final evaluation, corresponding to said evaluation with a grade of zero (0).

In hybrid classrooms, only synchronous virtual participation (via zoom) is allowed, up to a maximum of 50% of the total course.

Basic Required Reading
[1] Shingo (1985). *A Revolution in Manufacturing: The SMED System.* (1ra). Productivity Press. Biblioteca [2] Ohno, Taiichi (1988). *Toyota Production System: Beyond Large-Scale Production.* (1st). CRC Press. Biblioteca

References Supplementary

Prepared by:	Approved by:	Validated by:
DIAZ SANCHEZ, FANNY KARINA /	CANO ZAPATA, LUZ MARIA VICTORIA	Office of Curriculum Development
Date: 14/08/2024	Date: 16/08/2024	Date: 16/08/2024