

Course Information			
Code:	NIN5203	Course:	INTERNATIONAL OPERATIONS
Coordination Area / Program:	FAC. CC.EE. INTERNATIONAL BUSINESS	Mode:	Presencial
Credits: 04	Teaching hours: 64	Autonomous Learning Hours:	84
Period: 2018-01	Start date and end of period: del 15/03/2018 al 01/07/2018		
Career: INTERNATIONAL BUSINESS			

Detail of Teaching hours							
Sum: 64	Theory: 56	Practice: 0	Laboratory: 0	Evaluation Theory: 04	Evaluation Practice: 0	Reinforcement Theory: 04	Reinforcement Practice: 0

Course Pre-requisites		
Code	Course - Credits	Career
FC-IBS INTRRAD2	INTERNATIONAL TRADE II: LOGISTICS	INTERN. BUSINESS

Course Coordinators			
Surname and First Name	Email	Contact Hour	Contact Site
FERNANDEZ CASTRO, JORGE GIOVANNI	jfernandez@usil.edu.pe	LUNES A VERNES DE 8AMA 5PM	FACULTAD DE CIENCIAS EMPRESARIALES CAMPUS 1

Instructors
You can check the timetables for each teacher in their INFOSIL in the <i>Classes Development Teachers</i> option <i>Teachers</i> .

Course Overview
The course addresses the effective management of operations in the SupplyChain . Regarding the Planning must recognize the existence of multiple levels with different objectives and planning horizons , as well as a substantial change in functional roles that span . Regarding the execution , you should seek maximum efficiency of operations based on process redesign , proper management of resources and the application of technology.

Course Competencies	
Professional Competency	CP4 operates effectively between different areas of a company , both locally and internationally , understanding their interrelationship and designing processes; and develop strategic business plans and to achieve the objectives of the company's short and long-term acting with empathy in their interaction with other
Level of Professional Competency	N2 identifies the different areas and processes developed in enabling companies clearly identify the information flows that take place within the same
USIL General Competencies	2.- Bilingual communication: Develops in English using the four language skills: listening, reading comprehension, oral production and written production, with dexterity and fluency for personal, academic and professional performance. 4.- Resource management: Manage resources efficiently, effectively and ethically, in a dynamic and competitive environment, contributing to the sustainable development of the country..

Course Learning Outcomes	
General Learning Outcomes	No. Specific Learning Outcomes
Supply chain planning with vision processes for commercial, industrial or local or transnational services company.	1.1. It understands concepts and models supply chain linking process forward in a business environment .
	1.2. Applies the concepts and models supply chain based on criteria of productivity improvement in individual cases in an organization.
	1.3. Supply Chain Planning an organization using the concepts and models supply chain in a global environment

Activity Scheduling						
Ses	Sem	(hrs)	Type	Contents	Learning Activities	Resources
Unidad N° 1: Introduction to Supply Chain						
Specific Outcome: 1.1., 1.2., 1.3.						
1	1	2	AP	"- Strategic alignment - Value chain and Supply chain	"- Introduction to management models, strategic alignment, value chain, vision of organizational processes, products, product attributes, types of products: products, and services. - Business definition and competencies, strategic fit and scope. - Uncertainty of demand - Response speed-cost frontier"	"- Lecture - Debate - Video."
2	1	2	AP	"- Strategic alignment - Value chain and Supply chain	"- Introduction to management models, strategic alignment, value chain, vision of organizational processes, products, product attributes, types of products: products, and services. - Business definition and competencies, strategic fit and scope. - Uncertainty of demand - Response speed-cost frontier"	"- Lecture - Debate - Video."
2	1	6	AA	"- Strategic alignment - Value chain and Supply chain	- Identifies the flows that determine operations in international commerce	"- Readings - Personal notes"
3	2	2	AP	- Understanding the international supply chain	"- What is a supply chain? - Objectives of a supply chain - Supply chain processes vision - Key subjects in supply chain management - Measuring performance - SCOR Mdel"	"- Lecture - Debate - Video."
4	2	2	AP	- Understanding the international supply chain	"- What is a supply chain? - Objectives of a supply chain - Supply chain processes vision - Key subjects in supply chain management - Measuring performance - SCOR Mdel"	"- Lecture - Debate - Video."

4	2	6	AA	- Understanding the international supply chain	- Reinforces knowledge using the bibliography - The value of information	- The beer game
5	3	2	AP	- Integrated supply chain management	- The bullwhip effect - Quantifying the bullwhip effect - Conflicting objectives in the supply chain - Integrating the supply chain"	"- Lecture - Debate - Video."
6	3	2	AP	- Integrated supply chain management	"- The value of information - The bullwhip effect - Quantifying the bullwhip effect - Conflicting objectives in the supply chain - Integrating the supply chain"	"- Lecture - Debate - Video."
6	3	6	AA	- Integrated supply chain management	- Reinforces knowledge using the bibliography	"- Reading - Group exposition - Personal notes"
Basic and Supplemental References Required Reading: [1] Chopra, S.(2013).Supply chain management : strategy, planning, and operation (5 ^{ed}).Boston : Pearson Education. [2] Chase, R. (2014). Administración de operaciones : producción y cadena de suministros (13 ^{ed}).México, D.F. : McGraw-Hill.						
Unidad N° 2: PLANNING SUPPLY CHAIN						
Specific Outcome: 2.1., 2.2., 2.3.						
7	4	2	AP	- Supply chain planning	"- Demand planning. Sales and operations planning. Introduction to forecasting models. - Stages in SCM planning - Consensus planning and its importance. - Impact of new products and promotions. - Financial indicators in SCM"	"- Lecture - Debate - Video."
8	4	2	AP	- Supply chain planning	"- Demand planning. Sales and operations planning. Introduction to forecasting models. - Stages in SCM planning - Consensus planning and its importance. - Impact of new products and promotions. - Financial indicators in SCM"	"- Lecture - Debate - Video."
8	4	6	AA	- Supply chain planning	- Reinforces knowledge using the bibliography	"- Reading - Group exposition - Personal notes"
9	5	2	AP	- Supply chain planning	"- Distribution Planning. - Production Planning. - Material Planning. - Indicators in Supply Chain.	"- Lecture - Debate - Video."
10	5	6	AA	- Supply chain planning	"- Review what you learned in class using references.	"- Lecture - Debate - Video."
10	5	2	AP	- Supply chain planning	"- Distribution Planning. - Production Planning. - Material Planning. - Indicators in Supply Chain.	"- Reading - Personal notes"
11	6	2	AP	- Material Requirement Planning - The system MRP	"- Bill of Materials (BOM-Bill of Materials) materials - Planning long, medium and short term - Data for materials requirement planning - Factors related to the process of MRP	"- Lecture - Debate - Video."
12	6	2	AP	- Material Requirement Planning - The system MRP	"- Review what you learned in class using references.	"- Reading - A volunteer group will present in class the complementary reading assigned for the session. - Personal Notes.
12	6	6	AA	- Material Requirement Planning - The system MRP	"- Bill of Materials (BOM-Bill of Materials) materials - Planning long, medium and short term - Data for materials requirement planning - Factors related to the process of MRP	"- Lecture
13	7	2	AP	- Master Production Plan - The system MPS	"- Master Production Schedule - Factors to be considered for the Master Plan - MPS (master production schedule)	"- Lecture - Debate - Video."
14	7	2	AP	- Master Production Plan - The system MPS	"- Master Production Schedule - Factors to be considered for the Master Plan - MPS (master production schedule)	"- Lecture - Debate - Video."
14	7	6	AA	- Master Production Plan - The system MPS	"- Review what you learned in class using references.	"- Reading - Personal notes"
14	7	2	AV	Review	Use weblinks to recycle and review	USIL Virtual Campus
15	8	2	AP	- Inventory management	"- Models Inventory Management. Service Level optimal safety stock reorder point determination -... Lot Size Optimo Purchase - Inventory Models: - Independent Demand -Deterministic: EOQ, EOQ Discounts - Independent Probabilistic Demand: Single Period. Multi-period: No Cost of Order, Order With Cost"	"- Lecture - Debate - Video."
16	8	2	AP	- Inventory management	"- Review what you learned in class using references.	"- Lecture - Debate - Video."
16	8	6	AA	- Inventory management	"- Models Inventory Management. Service Level optimal safety stock reorder point determination -... Lot Size Optimo Purchase - Inventory Models: - Independent Demand -Deterministic: EOQ, EOQ Discounts - Independent Probabilistic Demand: Single Period. Multi-period: No Cost of Order, Order With Cost"	Video
Basic and Supplemental References Required Reading: [1] Chopra, S.(2013).Supply chain management : strategy, planning, and operation (5 ^{ed}).Boston : Pearson Education. [2] Chase, R. (2014). Administración de operaciones : producción y cadena de suministros (13 ^{ed}).México, D.F. : McGraw-Hill.						
Unidad N° 3: EXECUTION OF THE SUPPLY CHAIN						
Specific Outcome: 3.1., 3.2., 3.3.						
17	9	2	AP	- Purchasing and Supply.	"- SupplyKey Processes - Processes Purchasing, auctions and electronic shopping, reverse auctions, strategic purchases. - Design of Inbound Logistics. - Policies of supply"	"- Lecture - Debate - Video."
18	9	2	AP	- Purchasing and Supply.	"- SupplyKey Processes - Processes Purchasing, auctions and electronic shopping, reverse auctions, strategic purchases. - Design of Inbound Logistics. - Policies of supply"	"- Lecture - Debate - Video."
						"- Reading

18	9	6	AA	- Purchasing and Supply.	- Reinforces knowledge using the bibliography	- Group presentation
19	10	2	AP	Warehouse management	"- Functions and Organization Types Warehouse Warehouse Processes and Roles Warehouse Automation Warehouse...."	"- Lecture - Debate - Video."
20	10	2	AP	Warehouse management	- Reinforces knowledge using the bibliography	"- Lecture - Debate - Video."
20	10	6	AA	Warehouse management	"- Functions and Organization Types Warehouse Warehouse Processes and Roles Warehouse Automation Warehouse...."	"- Reading - Personal notes"
Basic and Supplemental References Required Reading: [1] Chopra, S.(2013).Supply chain management : strategy, planning, and operation (5 ^{ed}).Boston : Pearson Education. [2] Chase, R. (2014). Administración de operaciones : producción y cadena de suministros (13 ^{ed}).México, D.F. : McGraw-Hill.						
Unidad N° 4: EVALUATION, TECHNOLOGY AND CONSOLIDATION OF SUPPLY CHAIN						
Specific Outcome: 4.1., 4.2., 4.3.						
21	11	2	AP	- Lean SCM Management "Lean" supply chain.	"- Lean Supply Chain and Business Ecosystems Fundamental Principles for Design and manage Lean Supply Chain Systems" Pull "vs. systems" Push "; Strategic Partnerships; Theory of Constraints, etc. SCOR-LEAN SIX SIGMA as Operational Excellence Model.	"- Lecture - Debate - Video."
22	11	2	AP	- Lean SCM Management "Lean" supply chain.	"- Lean Supply Chain and Business Ecosystems Fundamental Principles for Design and manage Lean Supply Chain Systems" Pull "vs. systems" Push "; Strategic Partnerships; Theory of Constraints, etc. SCOR-LEAN SIX SIGMA as Operational Excellence Model.	"- Lecture - Debate - Video."
22	11	6	AA	- Lean SCM Management "Lean" supply chain.	- Reinforces knowledge using the bibliography	- Personal notes"
23	12	2	AP	- ERP, Information Systems, Electronic Data Interchange Design Supply Chain	"- Administration of technological resources in operations E Business KPIs.. - Management indicators"	"- Lecture - Debate - Video."
24	12	2	AP	- ERP, Information Systems, Electronic Data Interchange Design Supply Chain	"- Administration of technological resources in operations E Business KPIs.. - Management indicators"	"- Lecture - Debate - Video."
24	12	6	AA	- ERP, Information Systems, Electronic Data Interchange Design Supply Chain	- Reinforces knowledge using the bibliography	"- Reading - Personal notes"
25	13	2	AP	Final project	"- Explains and socializes the class how the company chosen for Integrative Work is being managed-in different markets taking into account all factors developed in the course. - Think through questions posed by the teacher, on how they have addressed the subject of study and how it has evolved over time the chosen company. "	"- Lecture - Debate - Video."
26	13	2	AP	Final project	"- Explains and socializes the class how the company chosen for Integrative Work is being managed-in different markets taking into account all factors developed in the course. - Think through questions posed by the teacher, on how they have addressed the subject of study and how it has evolved over time the chosen company. "	"- Lecture - Debate - Video."
26	13	6	AA	Final project	- Reinforces knowledge using the bibliography	"- Reading - Personal notes"
27	14	2	AP	Final project "	"- Explains to the class on how the chosen firm manages its international operations considering the concepts discussed during the course. - Reflects through questions by the instructor on how the subject has been approached and how the firm has performed through time. "	-Group presentations
28	14	2	AP	Final Project "	"- Explains to the class on how the chosen firm manages its international operations considering the concepts discussed during the course. - Reflects through questions by the instructor on how the subject has been approached and how the firm has performed through time. "	-Group presentations
28	14	6	AA	Final project "	"- Overview of the concepts explored during the presentations. "	"- Reading - Personal notes"
29	14	2	AV	Review	Use weblinks to recycle and review	USIL Virtual Campus
Basic and Supplemental References Required Reading: [1] Chopra, S.(2013).Supply chain management : strategy, planning, and operation (5 ^{ed}).Boston : Pearson Education. [2] Chase, R. (2014). Administración de operaciones : producción y cadena de suministros (13 ^{ed}).México, D.F. : McGraw-Hill.						

Methodology

Employs an active and participatory methodology that combines theory with practical cases, discussions, debates and exercises in addition to the final project.

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	65%			
Promedio 1	35%			
Actividad 01	60%		14ta	No
Actividad 02	40%		14ta	No
Promedio de Prácticas	30%			
Práctica 1			3ra	No
Práctica 2			6ta	No
Práctica 3			10ma	No
Práctica 4			13ra	No
Trabajo	35%		14ta	No
Examen Parcial	20%			
Examen Final	15%			

General Guidelines

Title III: Attendance

Article 11: Attendance to theory lessons, practice lessons, lab sessions and workshops is regulated in each course's syllabus.

Article 12: The student will be able to do the follow-up of their attendance record in Infossil. In case he notices an irregularity, there is a three-day deadline (working days) to ask for an official revision of it.

Title V: Evaluation process

Article 23: The student who does not take one or more exams of the Ongoing Evaluation will be able to ask for a make-up exam of only one of them only if the syllabus allows it. The Academic Calendar indicates the deadline for requesting a make-up exam, the date to pay for it, the fee and the dates when it will be administered. This exam will be about all the topics developed in the syllabus and will replace the exam the student did not take.

Article 24: The student who fails to sit for either Mid-term or Final exam on the scheduled date provided in the academic calendar, will be able to take a make-up exam. This grade will replace the exam the student did not take. The student will have 2 (two) days following the day he/she was absent to request the make-up evaluation through Plataforma Institucional. The corresponding fee must be paid in order to process the request.

Article 25: The exams have to be taken personally and in-campus or in the branches authorized by the Academic Vice-Presidency. In case that branch is not the regular one where students have their lessons, they will be previously informed. Exams taken through the Virtual Campus are an exception to this article. Midterm, final and make-up exams of the e-learning mode will be administered in-campus, in the classrooms assigned by the university

Course Specific Rules

Attendance Policy

Total Percentage Absences Permitted	30%
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The students who reaches or exceeds the total percentage absences permitted for the course, defined by the total of effective hours, will not be able to take the final exam or the equivalent evaluation defined by the course coordination and therefore will get zero (00) as the score.

Basic and Supplemental References Required Reading

Basic References:

- [1] Chopra, S. (2013). *Supply chain management : strategy, planning, and operation* (5a ed.). Boston: Pearson Education.
- [2] Chase, R. (2014). *Administración de operaciones : producción y cadena de suministros* (13a ed.). México, D.F.: McGraw-Hill.

Supplemental References Required Reading:

- [3] Sharma., Kapil & Ashutosh (2010). *Configuring SAP ERP Sales and Distribution*. Hoboken: Sybex. Recuperado de <http://site.ebrary.com/lib/bibliosil/docDetail.action?docID=10377858&p00=erp>
- [4] Aswathappa, Bha & Shridhara (2010). *Production and Operations Management*. Mumbai: Himalaya Publishing House. Recuperado de <http://site.ebrary.com/lib/bibliosil/docDetail.action?docID=10416187&p00=erp>.
- [5] Jacoby, D. (2010). *Cadena de suministros guía para una gestión exitosa* (1a ed.). Lima : The Economist Lupa Solutions Cantabria.
- [6] Blanchard, D. (2010). *Supply Chain Management Best Practices* Hoboken: John Wiley & Sons. Recuperado de <http://site.ebrary.com/lib/bibliosil/docDetail.action?docID=10380972&p00=erp>
- [7] Lee, W (2012). *Creating Entrepreneurial Supply Chains : A Guide for Innovation and Growth* . Plantation: J. Ross Publishing Inc. Recuperado de <http://site.ebrary.com/lib/bibliosil/docDetail.action?docID=10667711&p00=modern%20supply%20chains>

References Supplementary Reading non-binding

- [1] Simchi-Levi, D. & Kaminsky, P. (2008). *Designing and Managing the Supply Chain*. (3a ed.). USA McGraw-Hill.

Approved by:

FERNANDEZ CASTRO, JORGE GIOVANNI

Date: 16/03/2018

Validated by:

Office of Curriculum Development

Date: 16/03/2018