

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Production Management
Course number	EBUS2304
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

- 1 - Understand the process of pre-production through post production and the role of the producer or production executive in the process.
- 2 - Generate basic legal agreements and documents required for a production.
- 3 - Generate schedule and budget for the post-production process.
- 4 - Understand the qualities and experience needed for potential employment in entry-level positions leading to careers including

#### Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> <li>* Provide the students with required knowledge which enable him to understand the course concepts</li> <li>* Describe materials planning and steering philosophies and technologies</li> <li>* Explain different materials planning and steering prerequisites for a company</li> <li>* Describe methods of forecasting for materials planning and steering</li> <li>* Explain customer order processes</li> <li>* Analyse prerequisites for materials planning and choose appropriate materials planning method</li> <li>* Describe the process of production activity control.</li> </ul>
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## Course Contents

- 1 - Strategy and Competition
- 2 - Forecasting
- 3 - Aggregate Planning
- 4 - Inventory Control Subject to Known
- 5 - Inventory Control Subject to Uncertain
- 6 - Supply Chain Management
- 7 - Material Requirement Planning
- 8 - Operations Scheduling
- 9 - Project Scheduling
- 10 - Facilities Layout and Location
- 11 - Just-In-Time Production System
- 12 - Managing Variation in Production
- 13 - Advanced Production Systems

## Teaching and Learning Methods

- 1 - Lectures and workgroup Presentation

## Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Mid-Exam	8 Weeks	20 %
Work-group and attendance	During	20 %
Final Exam	16 weeks	60 %

## Books and References

Course note	Argouslidis, P.; Baltas, G. (2007). "Structure in product line management: The role of formalization in service elimination decisions". Journal of the Academy of Marketing Science. 35: 475–491. doi:10.1007/s11747-006-0004-2
	Tarquin Clark, Toolbox. "Which is more important, inbound or outbound product management?" September 12, 2011. Retrieved March 1, 2012