Academic Program Description Form

University name: University Tikrit

College/Institute: CollegeManagement and Economics

Scientific Department: DepartmentGeneral Administration

Name of academic or professional program: Public Administration Department

Final Certificate Name: BachelorScience in Public Administration

Academic system:Course system

Description preparation date: 14/9/2023

Date of filling the file: 14/9/2023

التوقيع: المعاون العلمي: آ.م.د. أشرف هاشم فارس

ا اسم رئيس القسم: ا.م. حاضر صباح

شعير

التاريخ: 17 / 9 / 2023

التاريخ: 17 / 9 /2023

دقق الملف من قبل

شعبة ضمان الجودة والأداء الجامعي

اسم مدير شعبة ضمان الجود6 والأداء الجامعي: أسامة موسى فرحان

وقيع المسلم المرات موسلم وقت

التاريخ: 17/9/2023

مصادقة السيد العميد

1. Program Vision

Excellence in deliveryAngelspioneerAndTo lead public sector institutions that meet stakeholder requirements, in line with global quality standards...

2. Program message

Providing the public sector with the educated administrative energies it needs to meet its aspirations in serving the community, and communicating with relevant stakeholders to consolidate community behaviors through education.andLearning, creating an open environment for cultural and intellectual exchange that stimulates scientific research, creativity, innovation and leadership, as well as disseminating knowledge to public sector institutions to ensure the well-being and excellence of society..

3. Program objectives

- Preparing graduates capable of working in government organizations, thus .' contributing to achieving social and economic development in society..
- Supporting government organizations and developing their knowledge in the .Y fields of central and local administration by providing them with specialized administrative cadres.In this field.
- Disseminating noble community values and instilling integrity behaviorsAnd . Community serviceIn the basics of workAdministrative.
- Continuous development of the scientific contributions portfolioFor .£ membersThe teaching staff in the department and following up on their feedback to ensure the achievement of the objectives of the educational process.
- Building bridges of cooperation between the Public Administration Department .º and the community, and achieving a strategic partnership with government organizations by creating a cooperative environment that achieves continuous communication.andfor.

4. Program accreditation

DoThe programIs the program accredited? And from which authority? both .7

5. Other external influences

Is there a sponsor? ForprogramYes, Ministry of Higher Education and Scientific . Y

Research

	6. Program Structure									
comments	percentage	Study unit	Number of	Program						
			courses	Structure						
	9.4%	14	6	Institutional						
				Requirements						
	18%	27	10	College						
				Requirements						
	72.6%	109	40	Department						
				Requirements						
				Summer						
				training						
				Other						

*Notes may include whether the course is basic or optional.

7. Program Description / Curriculum of the Department of Public Administration

(Credit hours	Course name	Course code	Year/Level
practical	theoretical			
	3	Principles of Public		
		Administration 1		First
	3	Principles of Economics		
	3	Principles of Statistics		

1	2	Computer 1Word	
	2	Arabic	
	2	Human rights and	
		democracy	
	3	Principles of Public	
		Administration 2	
	3	Mathematics for	
		administrators	
	3	Accounting principles	
	3	ReadingsEnglish	
1	2	Computer2Word	
	2	English language	
	3	Marketing Management	
	3	Human Resources	
		Management	
	2	Administrative law	
2	2	Intermediate Accounting	
	3	The development of	
		organizational thought	
	2	English language	
	2	Quantitative methods	Second
1	2	Computer1Excel	Second
	2	Baath crimes in Iraq	
	3	Public Relations	
2	2	Government accounting	
	2	Administrative Psychology	
	2	Civil Service Legislation	
	3	Political systems	
	2	Operations research	
1	2	Computer1Excel	
	3	Public Financial	
		Management	
2	2	unified accounting system	Third
	3	Local administration	
	3	Contract management	

	2	Quality Management	
	2	Public service ethics	
1	2	Database Computer	
		Applications2	
	2	English language	
	3	Organizational Behavior	
	3	Financial policies	
	2	General Project	
		Management	
	3	Management Information	
		Technology	
	3	Comparative local	
		management systems	
	2	Environmental	
		management	
1	2	Database Computer	
		Applications2	
	3	Production and Operations	
		Management	
	2	Comparative Public	
		Administration	
	3	Administrative	
		development1	
	3	Strategic Management1	
	2	English language	
1	2	Computer	Fourth
		Applications1QSB	2 001 011
	2	Scientific research methods	
		and ethics	
	3	Strategic management	
	3	Administrative	
		development 2	
	2	Risk Management and	
		Insurance	
	3	General Policies	
	1		

1	2	Computer	
		Applications2QSB	

8. E	xpected learning outcomes of the program
	Knowledge
The ability of the department's -	Providing leading cadres in leading -
graduates to develop their	public sector institutions.
administrative and cognitive skills and	Disseminating knowledge in -
achieve leadership in leading	government institutions to achieve the
government institutions.	aspirations of society.
	The ability to manage and invest -
	knowledge in a way that achieves the
	quality and efficiency of the academic
	program's outputs and their suitability
	for the labor market.
	Skills
Management Department graduates -	Developing and supporting the -
have the ability to think, solve	spirit of creativity, innovation and
problems and manage time.	leadership.
	Creating an open environment for -
	cultural and intellectual exchange.
Our outputs should be knowledgeable -	Communicate and interact -
and skilled in how to accomplish the	constructively with stakeholders.
tasks assigned to them.	
	Values
Adherence to professional ethics and -	Establishing social and ethical -
the ability to demonstrate high	responsibility.
professional competence.	Serving the community and meeting its -
	requirements.

The student must believe in the -	Integrity and transparency
principles of integrity and transparency,	Quality
and have the ability to apply the	
concepts of quality management at	
work.	
	9 Teaching and learning strategies

- Active learning: Encouraging students' active participation in learning processes, .\ such as discussions, group activities, and problem solving, to enhance their deep understanding of mathematical concepts.
 - Cooperative learning: Encouraging students to work together in small groups to . solve problems.related to their studies And sharing ideas, which contributes to enhancing interaction and knowledge exchange between them.
 - Use of Technology: Leveraging technology to provide interactive learning tools .٣ such as computer software and online resources to enhance student understanding and motivation.
- Problem-based learning: presenting specific problems and motivating students to . § think critically and use skillsAdministrativeTo solve it.
- Multiple Instructional Strategies: Providing a variety of instructional strategies, .° such as interactive lectures, practical lessons, and hands-on exercises, to meet the diverse needs of students.
 - Promote thinking Administrative Encourage students to develop thinking .7 skills. Administrative Such as analysis, planning and inference, by providing stimulating questions and applied problems.
 - Provide immediate feedback: Provide mechanisms to provide immediate .^V feedback to students on their performance and understanding of concepts. Administrative, whether through periodic assessments or direct interaction with the teacher.

10. Evaluation methods

Classroom performance assessment: This includes assessing students'. performance during lessons, lectures and workshops, whether through written tests or continuous assessment of their participation and understanding of the

material.

- Participation in discussions and activities: Students' participation in class .\footnote{\chi} discussions, group activities, and individual projects can be assessed to assess their understanding and engagement with the material.
 - Tests and assignments: Students may be given regular tests and assessment . **
 assignments to assess their problem-solving skills.related to their field of
 expertiseAnd their understanding of the concepts presented.
- Evaluating participation in research: The extent to which students participate in .5 research activities and scientific projects can be assessed, and an evaluation can be provided of their presentation style and analysis of their results and conclusions.
 - Practical Performance Evaluation: Students can be evaluated in practical .o performance through: Visits Process and participation in applied activities.
 - Evaluation of external participation: This includes evaluation of the extent of .7 students' participation in external activities such as conferences, seminars, and sports competitions.
 - Evaluation of Personal and Professional Development: Students' personal, .\footnote{N} professional and academic development can be evaluated during their participation in the faculty mentoring program.

11. Faculty

Faculty members

Faculty preparation		Requirements/ Skills (if any)	Spec	ialization	Academic Rank
lecturer	angel		private	general	
	angel	Operations (Operations research Research		Statistics (Operations Research)	Asst. Prof. Dr. Mazhar Khaled Abdel Hamid
	angei			General law	A.M.D. Mohamed Ahmed Raheel Aftan
	angel		Financial manageme nt	business management	A.M.D. Qusay Jassim Mohammed Imran

A.M. Mazen Noman Abdullah Bakr	business management	Bank manageme nt	angel	
A.M. Adnan Fayhan Mahmoud Khader.	English language	linguistics	angel	
A.M. Ahmed Khader Ahmed Ali	business management	Financial manageme nt	angel	
Prof. Dr. Saad Saleh Issa	economy	Political economy		lecturer
Asst. Prof. Dr. Yasser Ali Hamdan	law	Special law		lecturer
Asst. Prof. Dr. Qusay Abboudi Ali	Calculators	Networks		
A.M. Present Sabah Shaeer Jabara	business management	Financial manageme nt	angel	
A.M. Tariq Aziz Kurdi	business management	Knowledge manageme nt	angel	
M. Khalaf Mohammed Alou	business management	organized	angel	
M Iman Muwaffaq Omar	business management	Organizatio n theory	angel	
Mr. Salam Hussein Jassim Handa	business management	administrati on Financial	angel	
M. Najm Suhail Najm Abdullah	administration works	administrati on Financial	angel	
M. Talha Kwan Salem	business management	Human Resources	angel	
Ms. Aisha Abdel Khaleq Ismail	count	Applied statistics	angel	
Mr. Saad Salem Ghanem Suleiman	business management	business manageme	angel	

		nt	
	la contra a con	Financial	angel
Dr. Qutaiba Ibrahim	business	manageme	
Hamada	management	nt	
	General	General	angel
M. Hamid Anwar Danok	Administration	Administrati	
	Administration	on	
Mr. Naji Hassan Ahmed	business	business	angel
Allawi		manageme	
/ lidwi	management	nt	
	business	Production	angel
M. Maysam Riad Bahr		and	
	management	operations	
Mr. Hussein Abdul Hamad	business	Human	angel
Hussein	management	Resources	
millimeter. Hassan Farhan	business	Human	angel
Ahmed Handal	management	Resources	
Mr. Mohamed Mustafa	General	General	angel
Mohamed Ibrahim	Administration	Policies	
M. Ahmed Ayed Makhlaf	business	Human	angel
W. Allinea Ayea Wakilai	management	Resources	
M.M. Nihad Khamis	business	Human	angel
Hassan	management	Resources	
	business	Quality	angel
M. Mazhar Ahmed Khalaf	management	Manageme	
	management	nt	
NAv. Ali NA a bayayaya a d	business	Production	angel
Mr. Ali Mohammed Huwaid Khater		manageme	
Huwalu Khatei	management	nt	
	Financial and	Bank	angel
M.M. Ali Hamad Ali	Banking Sciences	manageme	
	panking sciences	nt	
M.M. Mohammed Salem	Management	Information	angel
Abdel	Information	systems	

		Systems	
lecturer	English literature	English language	M. Alaa Ahmed Abdullah
angel	law	law	Mr. Ihab Abdullah Muhaimid
angel	Cost accounting	accounting	Mr. Yasser Fouad Taha
lecturer	law	law	Mr. Maher Sabah Habib
angel	Financial accounting	accounting	Mr. Mohammed Ahmed Diab
angel	Manageme nt accounting	accounting	Mr. Ali Fouad Taha
angel	about	Arabic	M.M. Ali Ghaleb Ali

Professional development

Orientation of new faculty members

- Determining the needs of the university and the department: The needs of the university and the department are determined in terms of the required educational cadres and preferred specializations.
- Orientation Programs: Customized orientation programs are designed for new, visiting, full-time and part-time members based on their needs and specialties.
- Introduction to the University Environment: A comprehensive introduction 3to the university and the Department of Public Administration is provided,
 including an overview of the department, vision, mission, goals, and available
 services.
- Providing support resources: New members are provided with the necessary 4resources and support, including training courses, workshops, and technical
 assistance.
- Academic Orientation: New members are oriented regarding the curricula, 5research areas and teaching methods used in the department.

Administrative Orientation: New members are oriented to administrative 6procedures, responsibilities, university policies and code of conduct.
Ongoing Support: Ongoing support is provided to new, visiting, full-time and part-time faculty members through advisory sessions, workshops and periodic evaluations.

Professional development for faculty members

- Identifying needs and setting goals: Faculty needs are identified through surveys .\'\
 and performance evaluations, and then specific goals to be achieved within the program are identified.
- Development Program Design: Based on the specific needs and objectives, a . \(\cdot \) comprehensive development program is designed that includes a set of activities, training courses, workshops, and educational resources.
- Program Implementation: The development program is implemented in a regular . " and organized manner, including organizing workshops, conducting training courses, and providing appropriate educational resources.
 - Use effective teaching strategies: Faculty members learn to use and apply .5 modern and effective teaching strategies, such as cooperative learning, active learning, and educational technology.
- Evaluation of learning outcomes: The effectiveness of the development program .o is evaluated by evaluating the learning outcomes of faculty members, such as increased levels of knowledge, teaching skills, and interaction with students.
- Continuous Development: Ongoing feedback and support is provided to faculty .7 members to promote ongoing professional and academic development.
 - Participation in scientific research and publication: Faculty members are . V encouraged to participate in scientific research and publish the results in prestigious academic journals, which enhances their academic standing and contributes to the development of knowledge in their fields.

12. Acceptance Criteria

- Central acceptance. -\
- Accepting exceptions (martyrs' families, children of faculty, distinguished employees, top students in institutes, foreign students).
 - Private government education -
 - Accepting evening studies. -ξ

13. The most important sources of information about the program

- University, college and electronic department website. -\
 - Priorities for establishing the department. 7

Project to develop and update the curricula of the faculties of management and
economics in Iraqi universities for the year 2017.

14. Program Development Plan

- Curriculum development. -\
- Open postgraduate studies (higher diploma equivalent to a master's degree). 7
- Developing teaching and administrative staff through courses, seminars and workshops in areas of specialization.
- Supporting scientific research efforts by encouraging faculty members to publish, especially in international journals.
 - Conducting training programs to develop students' capabilities in technical and information -o technology fields.
 - Organizing field visits and scientific trips for students to government institutions. 7

							Prog										
				F	Requi	red l	earni	ng o	utco	mes	sof	the prog	gram				
	7	/alue	lues			Skills		Skills		Knowled			ge	Essent ial or	Course		Year/L
A4	A3	A2	A1	B4	В3	B2	B1	A4	A 3	A 2	A 1	option al?	option name		evel		
✓	√	√	✓	✓	√	√	√	√	√	√	√		Principles of Public Administration 1				
✓	✓	√	✓	✓	✓	✓	✓	✓	√	√	√		Principles of Economics				
√	√	✓	✓	√	✓	√	√	√	✓	✓	✓		Principles of Statistics				
	✓	√	✓		✓	✓	✓		√	✓	✓		Computer 1Word				
	\checkmark	✓	\checkmark		✓	✓	\checkmark		✓	✓	✓		Arabic				
	✓	✓	✓		✓	✓	✓			√	✓		Human rights and democracy				
✓	√	√	✓	√	√	√	√	√	√	√	√		Principles of Public Administration 2		First year		
✓	✓	✓	✓	✓	✓	√	✓	✓	✓	✓	✓		Mathematics for administrators				
✓	√	√	√	√	✓	✓	✓	√	✓	✓	✓		Accounting principles				
✓	√	✓	\	√	✓	√	√	√	√	✓	✓		ReadingsEnglis h				
	√	√	√		√	√	√		√	✓	✓		Computer2Wo rd				
✓	√	√	√	√	✓	√	✓	✓	√	✓	✓		English language				
✓	√	✓	√	√	√	✓	✓	✓	√	✓	✓		Marketing Management		Secon		
✓	✓	✓	✓	✓	✓	✓	✓	✓	√	√	√		Human Resources Management		d year		

	Administrative				/	/ 1	/	/	/ 1	/	/ 1	/	/
	Administrative law	✓	√	✓	✓	√	✓	√	√	✓	√	✓	✓
	Intermediate Accounting	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	The development of organizational thought	✓	✓	✓	✓	√	√	✓	√	√	√	✓	✓
	English language	✓	✓	√	✓	✓	√	✓	✓	✓	✓	✓	✓
	Quantitative methods	✓	✓	✓	✓	✓	√	✓	✓	✓	✓	✓	✓
	Computer1Exc el	✓	✓	✓		✓	√	✓		✓	✓	✓	
	Baath crimes in Iraq	✓	✓	✓		✓	✓	✓		✓	✓	✓	
	Public Relations	✓	✓	✓	✓	✓	√	✓	✓	✓	✓	✓	✓
	Government accounting	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Administrative Psychology	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Civil Service Legislation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Political systems	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Operations research	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Computer1Exc el	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Public Financial Management	√	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	unified accounting system	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Local administration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Contract management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Quality Management	✓	✓	✓	√	✓	√	✓	✓	✓	✓	✓	√
	Public service ethics	✓	✓	√	√	✓	√	✓	✓	✓	√	✓	✓
- TD1 : 1	Database Computer	✓	✓	✓	✓	✓	✓	✓	✓	√	✓	✓	✓
Third year	Applications2 English	✓	✓	✓	✓	✓	✓	✓	✓	√	✓	√	√
	language Organizational Behavior	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Financial policies	✓	✓	✓	√	✓	√	✓	✓	✓	✓	✓	✓
	General Project	✓	√	✓	✓	√	✓	✓	✓	√	✓	✓	√
	Management Management Information Technology	✓	√	✓	✓	✓	✓	✓	√	√	√	√	√
	Comparative local management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	systems Environmental	✓	√	√	✓	√							

		l		l		l							
												management	
✓	✓	✓	\checkmark	✓	✓	✓	\checkmark	✓	✓	✓	✓	Database	
												Computer	
								,				Applications2	
✓	✓	✓	\checkmark	✓	✓	✓	\checkmark	\checkmark	\checkmark	✓	✓	Production and	
												Operations	
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✓	√	√	√	English language									
V	•	٧	V	٧	V	٧	V	V	V	٧	V		
✓	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	✓	\checkmark	\checkmark	\checkmark	✓	✓	Computer	
												Applications1QS	Fourt
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												research	year
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			√	√	√	√	√		/	/	√	Strategic	
✓	✓	✓	v	•	v	•	•	\checkmark	✓	✓	V	management	
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✓	V	✓	✓	✓	✓	•	V	✓	✓	•	v	development 2	
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•	V	v	v	v	v	v	V	V	V	V	V	Management	
												and Insurance	
√	√	√	√	√	√	√	√	√	√	√	√	General Policies	
	•	•	•	•		*	•	•	•	•			
✓	✓	✓	✓	✓	✓	✓	\checkmark	✓	✓	✓	✓	Computer	
												Applications2QS B	
												B	

*Please tick the boxes corresponding to the individual learning outcomes of the programme being assessed.

Course Description Form

1. Course name
Production and Operations Management
2. Course code
nothing

and knowledge of production and as management in order to provide overnment institutions with human	3. Semester/Year						
5. Available forms of attendance In-person 6. Number of study hours (total) / Number of units (total) 45 hours of study per semester / 3 units per week 7. Name of the course supervisor (if more than one name is mentioned) Name: Salam Hussein Jassim Handa Al-Jumaili Email: salamhinda81@tu.edu.iq 8. Course objectives ag the student with a squitties skill about the ept Specifications and tanceProduction and tions Management dent is provided with ormation about Basic etencies and areas of rk for production and ions management ing a cadre of human osk knowledgeable and acid in production and ations management 9. Teaching and learning strategies as a student who is familiar with the stand knowledge of production and as management in order to provide overnment institutions with human	First semester fourth year						
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7. Name of the course supervisor (if more than one name is mentioned) Name: Salam Hussein Jassim Handa Al-Jumaili Email: salamhinda81@tu.edu.iq 8. Course objectives 8. Course objectives 8. Course objectives 8. Subject objectives 9. Subject objectives 9. Teaching and learning strategies 9. Trategy 9. Trategy 9. Trategy 9. Trategy	f study per semester / 3 units per week	45 hours o					
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overnment institutions with human		skills and knowledge of production and					
		operations management in order to provide					
irces specialized in production and		government institutions with human					
arces specialized in production and		resources specialized in production and					
operations.		operations.					
10. Course Structure							
Learning Name of the unit Required learning Watche method or topic outcomes s week	_		0	Evaluation method			

Explain the ecture nd give oractica l xample s	Production and Operations Management Concept and Components	-The concept of production and operations management -Production and operations management in the organization -Production and Operations Management Activities -Production and operations management in manufacturing and service organizations -The concept of productivity and its measurement -Efficiency and effectiveness	3	the first
the ecture nd give oractica l xample	Management Concept and Components	operations management -Production and operations management in the organization -Production and Operations Management Activities -Production and operations management in manufacturing and service organizations -The concept of productivity and its measurement -Efficiency and	3	the first
the ecture nd give oractica l xample	Concept and Components	management -Production and operations management in the organization -Production and Operations Management Activities -Production and operations management in manufacturing and service organizations -The concept of productivity and its measurement -Efficiency and	3	the first
the ecture nd give oractica l xample	Components	-Production and operations management in the organization -Production and Operations Management Activities -Production and operations management in manufacturing and service organizations -The concept of productivity and its measurement -Efficiency and	3	the first
the ecture nd give oractica l xample		operations management in the organization -Production and Operations Management Activities -Production and operations management in manufacturing and service organizations -The concept of productivity and its measurement -Efficiency and	3	the first
the ecture nd give oractica l xample	Contomporary	management in the organization -Production and Operations Management Activities -Production and operations management in manufacturing and service organizations -The concept of productivity and its measurement -Efficiency and	3	the first
the ecture nd give oractica l xample	Contomporary	organization -Production and Operations Management Activities -Production and operations management in manufacturing and service organizations -The concept of productivity and its measurement -Efficiency and	3	the first
the ecture nd give oractica l xample	Contomporary	-Production and Operations Management Activities -Production and operations management in manufacturing and service organizations -The concept of productivity and its measurement -Efficiency and	3	the first
ecture nd give oractica l xample	Contomporary	Operations Management Activities -Production and operations management in manufacturing and service organizations -The concept of productivity and its measurement -Efficiency and	3	the first
nd give oractica l xample	Contomporary	Management Activities -Production and operations management in manufacturing and service organizations -The concept of productivity and its measurement -Efficiency and	3	the first
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		-Requirements		
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	management	·		
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Explain		, ,		
the		-Processing logic		
ecture		-System outputs		
nd give		-Instant production	2	the
ractica		system	3	second
l		-Philosophy of the		
xample		system		
S		-The system's		
		objectives		
		-Key elements in		
		implementing the		
		·		
	Demand forecasting	-Demand forecasting		
Explain		concept		
the		-Time dimensions of		
ecture		demand forecasting		
nd give		Types of demand	•	4l 1 ·
ractica		forecasting	3	the third
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xample				
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enn XX	the ecture ad give ractica l cample s	the ecture ad give ractica l cample s Demand forecasting xplain the ecture ad give ractica l cample ad give ractica l cample	systems in operations management xxplain the ecture ad give ractica l ample s xxplain The system outputs are sufficiently and the stample s xxplain The system outputs are sufficiently as a system outputs are sufficiently as a system outputs objectives objective	systems in operations management syplain the cecture ad give ample s systems in operations management syplain the cecture ad give ample s system outputs -Instant production system -Philosophy of the ample s system system's objectives -Key elements in implementing the system Demand forecasting concept -Time dimensions of demand forecasting the cecture ad give ractica l ample s systems in operations systems MRP-System lnputs -Processing logic system outputs -Instant production system system system -Philosophy of the system's objectives -Key elements in implementing the system -Time dimensions of demand forecasting Types of demand forecasting objectives -Time dimensions of demand forecasting -Demand forecasting objectives -Time dimensions of demand forecasting -Demand -De

		Damend foregraphing	-Genuine methods group -Quantitative Methods Group		
Exam and daily activity	Explain the lecture and give practica l example s	Demand forecasting	-Demand forecasting concept -Time dimensions of demand forecasting Types of demand forecasting -Demand forecasting elements Demand forecasting methods -Genuine methods group -Quantitative Methods Group	3	Fourth
Exam and daily activity	Explain the lecture and give practica l example s	Product/Service Planning and Development	-New product introduction strategies -Product life cycle and its relationship to the new product development process -Product life cycle management -Basic principles in product design for production -New product design quality standards -Stages of new product development -Break-even analysis	3	Fifth
Exam and daily activity	Explain the lecture and give practica l example s	Product/Servi ce Planning and Development	-New product introduction strategies -Product life cycle and its relationship to the new product development process -Product life cycle management -Basic principles in product design for production -New product design quality standards -Stages of new product	3	Sixth

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			development		
			-Break-even		
			analysis		
	Explain the	Strategic	Give a general		
Exam and	lecture and	planning	explanationAbo		
daily	give		ut strategic	3	Seventh
activity	practical		planning		
	examples				
	Explain the	Energy planning	-Strategic energy		
	lecture and		planning		
	give		-Types of energy plans		
	practical		-Energy meters		
Exam and	examples		-Types of energy		
daily			meters	3	The
activity			-Calculate the number		eighth
			of machines		
			Energy planning		
			strategies		
			-Economies of scale		
	Explain the	Energy planning	-Strategic energy		
	lecture and	Energy planning	planning		
	give		-Types of energy plans		
	practical		-Types of energy plans -Energy meters		
E	examples				
Exam and	cxampics		-Types of energy	2	Ninel
daily			meters	3	Ninth
activity			-Calculate the number		
			of machines		
			Energy planning		
			strategies		
			-Economies of scale		
	Explain the	Internal	-The concept of		
	lecture and	arrangement of the	internal arrangement		
Exam and	give	factory	of the factory		
daily	practical		-Interior layout	3	tenth
activity	examples		planning	3	terren
deciries			-Types of internal		
			arrangement		
		<u> </u>			
	Explain the	Internal	-The concept of		
	lecture and	arrangement of the	internal arrangement		
Exam and	give	factory	of the factory		
daily	practical		-Interior layout	3	eleventh
activity	examples		planning		010 (01101
delivity			-Types of internal		
			arrangement		
		700 4 3 3 44	-1		
_	Explain the	Total production	-The concept of overall		
Exam and	lecture and	planning	production planning		
daily	give		-The nature of overall	3	twelfth
activity	practical		production planning		
	examples		and its relationship to		

	Т				1
			the company's		
			functions		
			-Objectives of overall		
			production planning		
			-Aggregate production		
			planning strategies		
			-Mixed strategies		
			-Costs associated with		
			overall production		
			planning		
			-Total production		
			planning methods		
	Explain the	Total production	-The concept of overall		
	lecture and	planning	production planning		
	give		-The nature of overall		
	practical		production planning		
	examples		and its relationship to		
			the company's		
			functions		
Exam and			-Objectives of overall		thirteent
daily			production planning	3	h
activity			-Aggregate production		11
			planning strategies		
			-Mixed strategies		
			-Costs associated with		
			overall production		
			planning		
			-Total production		
			planning methods		
	Explain the	Production process	Concept and		
_	lecture and	scheduling	importance		
Exam and	give		Give a detailed	_	fourteent
daily	practical		explanation of the	3	h
activity	examples		scheduling of		
			production		
	Explain the	Production process	operations. Concept and		
	lecture and	scheduling	importance		
Exam and	give	Schedumig	Give a detailed		
daily	practical		explanation of the	3	fifteenth
activity	examples		scheduling of	3	
			production		
			operations.		

11. Course Evaluation

Grade division:

30 degrees of effort divided into 10 exams in the first month $+\ 10$ exams in the

	second month + 5 attendance + 5 participation 70 marks end of course exam
	12. Learning and teaching resources
(administration	Required textbooks (methodology if any)
ProductionOperations / Dr.	
Sabah Majeed Al-Najjar /	
Scientific Journals)	
administration	Main References (Sources)
ProductionOperations / Dr.	
Sabah Majeed Al-Najjar	
Scientific journals in the	Recommended supporting books and
specializations of international	references (scientific journals, reports)
organizations	
Specialized websites	Electronic references, websites