

Course Description Form

1. Course Name:	
Oil production 1	
2. Course Code:	
PE304	
3. Semester / Year:	
2024-2025	
4. Description Preparation Date:	
18/12/2024	
5. Available Attendance Forms:	
presence	
6. Number of Credit Hours (Total) / Number of Units (Total)	
90	
7. Course administrator's name (mention all, if more than one name)	
Name: Dr. mohammad Hweree Email : mhwere@albaath-univ.edu.sy	
8. Course Objectives	
Course Objectives	- Introduction to production processes. - Introducing the production engineer's tasks from the beginning until the well is abandoned. - Definition of termination processes and their methods. - Definition of methods for extracting liquid from the reservoir - Introducing the payment systems present within the reservoir - Identify problems in production processes. - Identify production equipment - Identify production methods
9. Teaching and Learning Strategies	
Strategy	- Giving lectures to students. - Using illustrative means, models, video clips, etc. 

10. Course Structure					
Week	Hou rs	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-3	9	The student learns	Introduction of production	- lecture. - discussion.	-Interim testing -Asking questions - Final test
4-8	15	The student learns	Stratified fluid flow systems	- lecture. - discussion.	Interim testing -Asking questions - Final test
9-11	9	The student learns	Completion operations	- lecture. - discussion.	Interim testing -Asking questions - Final test
12-14	9	The student learns	Surface Equipment	- lecture. - discussion.	Interim testing -Asking questions - Final test
14-20	21	The student learns	Collection, separation and storage operations	- lecture. - discussion.	Interim testing -Asking questions - Final test
20-23	12	The student learns	Tubing design	- lecture. - discussion.	Interim testing -Asking questions - Final test
24-30		The student learns	Production process problems and solution methods	- lecture. - discussion.	Interim testing -Asking questions - Final test

11. Course Evaluation

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| - Weekly tests, jobs, activities: | 5 marks (during each semester). |
| - Quizzes every two weeks. | 5 marks (during each semester). |
| - Main interim exam (first semester, second semester). | 10 marks (during each semester). |
| - Final practical test. | 10 degrees . |
| - A theoretical final test. | 50 degrees. |

12. Learning and Teaching Resources

Required textbooks (curricular books any)	-Petroleum Engineering Handbook- Larry W. Lake, Editor-in-Chief- U. of Texas at Austin. -Petroleum production Engineering - ISBN: 0750682701- Publisher: Elsevier Science & Technology Books- • Pub. Date: February 2007.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	-OIL AND GAS, PRODUCTION. HANDBOOK, An introduction to oil and gas production- Håvard Devold- © 2006 ABB ATPA Oil and Gas.
Electronic References, Websites	- https://t.me/+e9uigwz12D4wmzzk - www.scientificamerican.com - https://www.researchgate.net/publication/423873