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| 1. Course code: | Acc 488 | | | 1. Course title: | | | | | | Accounting for Petroleum and Natural Resources | | | | | | | | | | | |
| 1. College: College of Business Administration | | | | | | | | | | | | | | | | | | | | | |
| 1. Department: Accounting | | | | | | | | | | | | | | | | | | | | | |
| 1. Program: B.Sc. | | | | | | | | | | | | | | | | | | | | | |
| 1. Course credits: 3-credit hour | | | | | | | | | | | | | | | | | | | | | |
| 1. Course NQF Level: | | | | | | | | | | | | | | | | | | | | | |
| 1. NQF Credits: TBA | | | | | | | | | | | | | | | | | | | | | |
| 1. Prerequisite: Acc 311 | | | | | | | | | | | | | | | | | | | | | |
| 1. Lectures Timing & Location: Online | | | | | | | | | | | | | | | | | | | | | |
| 1. Course web page: Blackboard | | | | | | | | | | | | | | | | | | | | | |
| 1. Course Instructor: Dr. Amal A. Wakil | | | | | | | | | | | | | | | | | | | | | |
| 1. Office Hours and Location: NA | | | | | | | | | | | | | | | | | | | | | |
| 1. Course coordinator: Dr. Amal A. Wakil | | | | | | | | | | | | | | | | | | | | | |
| 1. Academic year: 2020-2021 | | | | | | | | | | | | | | | | | | | | | |
| 1. Semester: | |  | **First** | | | | | X | | | **Second** | | | |  | | **Summer** | | | | |
| 1. Textbook(s): ): Charlotte J. and Rebecca A., 2008, Fundamentals of Oil and Gas Accounting, Penn Well Co., 5th ed. | | | | | | | | | | | | | | | | | | | | | |
| 1. References from the Library (<http://www.ac-knowledge.net/uobv3/>):   -Dennis R. J., Joseph B. F. and Horace R. B., 2000, Petroleum Accounting- Principles, Procedures & Issues Professional Development Institute Denton, Texas, USA. 5th ed.  -IFRS : International Financial Reporting Standard no.6:Exploration for and Evaluation of Mineral Resources . | | | | | | | | | | | | | | | | | | | | | |
| 1. Other learning resources used (e.g. e-Learning, field visits, periodicals, software, etc.):   Software, data show, presentations, homework, case study and group discussions.  Book Site:– <http://www.amazon.com/> <http://libwebserver.uob.edu.bh/dbaccess1.htm> | | | | | | | | | | | | | | | | | | | | | |
| 1. Course description (as per the published):   A Survey of current accounting practices in the petroleum industry; accounting for pre-drilling and development operations; production operations ; natural gas processing and cycling; pipeline operations; marine operations; crude oil purchasing and storage operations; refining operations; petrochemical operations; marketing operation. | | | | | | | | | | | | | | | | | | | | | |
| 1. Course Intended Learning Outcomes (CILOs): | | | | | | | | | | | | | | | | | | | | | |
| CILOs | | | | | *Mapping to PILOs* | | | | | | | | | | | | | | | | |
| Learning goals | | | | | a. Knowledge | | b. Globalization | | | | | c. Skills | | d. Communication | | | | e. Competencies | | f. Values | |
| Learning objectives | | | | | a1: General Knowledge | a2: Specific knowledge | b1: International cross-cultural | | b2: Global Perspective | | | c1: Thinking skills | c2: Analytical skills | d1: Communication (Writing) | | d2: Communication (Oral) | | e1: Leadership skills | e2: Teamwork | f1: Ethics | f2: Social responsibility |
| 1. Understand the terminologies for upstream oil and gas operations and distinguish between successful efforts method and full cost method. | | | | |  | √ |  | |  | | |  |  |  | |  | |  |  |  |  |
| 2. Knowledge of accounting procedures and practices for successful efforts method. | | | | |  | √ |  | | √ | | | √ |  |  | |  | |  |  |  |  |
| 3. Apply to a real case study the accounting procedures, terminologies and practices for successful efforts method. | | | | |  |  |  | | √ | | |  | √ |  | |  | |  | √ |  | √ |

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| 1. Course assessment: | | | | |
| *Assessment Type* | *Details/ Explanation of Assessment in relation to CILOs* | *Number* | *Weight* | *Date(s)* |
| Continuous Assessment (2-hour) | Discussion | 15 | 15 % |  |
| Engagement Activities (1-hour) | Exercises | 15 | 15 % |  |
| Practical |  |  | % |  |
| Examinations | Test | 1 | 15 % |  |
| Projects/Case Studies | Case study | 1 | 15 % |  |
| Final Examination  (Respondus) |  | 1 | 40% |  |
| Total |  |  | 100% |  |

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| 1. Description of Topics Covered | |
| *Topic Title*  *(e.g. chapter/experiment title)* | *Description* |
| Upstream oil and gas operations  Chapter 1 | The chapter outlines basic terminology of upstream oil and gas operations. |
| An introduction to oil and gas accounting  Chapter 2 | The chapter provides an introduction to oil and gas accounting methods. |
| Non-drilling exploration costs  Chapter 3 | The chapter applies successful efforts accounting to non-drilling exploration costs |
| Acquisition costs of unproved property-Successful efforts  Chapter4 | The chapter applies successful efforts accounting to acquisition costs of unproved property-Successful efforts |
| Drilling and development costs- Successful efforts  Chapter 5 | The chapter applies successful efforts accounting to drilling and development costs- Successful efforts |
| Proved property cost disposition- Successful efforts  Chapter 6 | The chapter applies successful efforts accounting to proved property cost disposition- Successful efforts |
| Accounting for production activities Chapter 8 | The chapter applies successful efforts accounting to accounting for production activities |
| Accounting for revenue from oil and gas sales  Chapter 10 | The chapter applies successful efforts accounting to accounting for revenue from oil and gas sales |

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| 1. Weekly Schedule | | | | | |
| *Week* | *Date* | *Topics covered* | *CILOs* | *Teaching Method* | *Assessment* |
| *1* |  | Upstream oil and gas operations | 1 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *2* |  | Upstream oil and gas operations | 1 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *3* |  | An introduction to oil and gas accounting | 2 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *4* |  | Non-drilling exploration costs | 2 and 3 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *5* |  | Non-drilling exploration costs | 2 and 3 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *6* |  | Acquisition costs of unproved property-Successful efforts | 2 and 3 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *7* |  | Acquisition costs of unproved property-Successful efforts | 2 and 3 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *8* |  | Drilling and development costs- Successful efforts | 2 and 3 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *9* |  | **Students’ Mid - Semester Break** | 2 and 3 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *10* |  | Proved property cost disposition- Successful efforts | 2 and 3 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *11* |  | Proved property cost disposition- Successful efforts | 2 and 3 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *12* |  | Accounting for production activities | 2 and 3 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *13* |  | Accounting for production activities | 2 and 3 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *14* |  | Accounting for revenue from oil and gas sales | 2 and 3 | *2-hour lecture:* |  |
| *1-hour lecture* |
| *15* |  | Accounting for revenue from oil and gas sales | 2 and 3 | *2-hour lecture:* |  |
| *1-hour lecture* |