

  
**AMOUD UNIVERSITY**  
**“A Vehicle for Peace and Development”**  
**AMOUD UNIVERSITY**



**FACULTY OF BUSINESS AND PUBLIC ADMINISTRATION**  
**BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME**

ACADEMIC YEAR 2015/ 2016

**COURSE DESCRIPTION**

<b>ADM 3205</b>	<b>PRODUCTION AND OPERATIONAL MANAGEMENT</b>
Contact Hours	48
Pre-requisite	N/A
Purpose/Aim	The course is designed to provide students with the ability to understand basic Operations management concepts required in business operations. It orients students to theoretical and practical operations management issues required in business operations. The course brings out issues such as; Quality management, capacity planning and inventory management.
Course Objective	<p>The course will help the students to achieve the following objectives:</p> <ul style="list-style-type: none"> <li>▪ Understand the nature of operations management in given business settings</li> <li>▪ Explain the transformation process in business operations</li> <li>▪ Understand project management techniques</li> <li>▪ Describe capacity and quality management techniques in different organization</li> <li>▪ Determine appropriate inventory management techniques</li> </ul>
Indicative Learning Outcomes	<p>Students should be able to</p> <ul style="list-style-type: none"> <li>▪ Describe the nature of operations management in any business setting</li> <li>▪ Evaluate the transformation process of any given business venture</li> <li>▪ Develop project, inventory, quality and capacity management techniques</li> </ul>
Intellectual, Practical and Transferable Skills	<ul style="list-style-type: none"> <li>▪ Problem solving skills</li> <li>▪ Analytical</li> <li>▪ Team work</li> <li>▪ Communication</li> </ul>
Course Content	Nature of operations management, the transformation process, concept of process analysis and choice such as; Job, batch, project flow, continuous and assembly line, project management including the critical paths analysis, Location and layout planning, capacity management, Quality management including the concept of Total Quality management, Facilities management, inventory management, production planning and control and Queuing theory.
Learning &	This course will be taught for a total of 45 hours [i.e. three (3) contact



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Teaching Methodologies	hours per week]. Teaching and learning in this course will be through among others, team-teaching; problem-based approaches; student-centered learning; lectures; in class exercises; own readings; take-home assignments and group exercises.		
Instructional Materials/Equipment	<ul style="list-style-type: none"> <li>▪ Use of case studies</li> <li>▪ Class discussions</li> <li>▪ Straight lecture</li> <li>▪ Group presentations</li> </ul>		
Course Assessment	The assessment method is structured to include coursework and final examination. Coursework consists of assignments, presentations and tests.		
	Each course in the program shall be assessed on the basis course work and final examination represented as		
	<b>Type</b>	<b>Weighting (%)</b>	
	Final Examination	60	
	Mid Term Examination	20	
	Assignment	10	
	Attendance	10	
	Total	100	
The minimum mark required to pass is 50, this includes course work and final examination. Each course in the program is allowed a maximum of three hours for final examination.			
Recommended Reading	<b>Title</b>	<b>Author</b>	<b>Publisher</b>
	<i>Operations management for competitive advantage.</i> 9 <sup>th</sup> edition	Richard B. Chase; Nicholas J. Aquilano & Robert F. Jacobs (2001);	McGraw – Hill Irwin
	<i>Operations management.</i> 4 <sup>th</sup> edition	Roberta S. Russel & Bernerd W. Taylor (2003);	1. Prentice hall
	Operations Management	Stevenson,W.J. (2006)	
	<i>Operations management.</i> 9 <sup>th</sup> edition,	William J. Stevenson (2007);	Mc Graw hill Irwin
	Operations Management for Competitive Advantage	Chase,R.B. Jacobs,F.R. and Aquilano,N.J. (2005)	
	Operations Management	Heizer,J. and Barry Render,B.(2006)	
	Operations Management: An Integrated Approach	Reid,R.D. and Sanders,N.R.(2007)	
Additional Reading	Principles of Operations Management	Heizer,J.H. (2006)	
Other Support Material	A variety of multimedia systems and electronic information resources as prescribed by the lecturer. Various manuals, URL search and journals.		