

<b>Module Title:</b>	<b>Operations &amp; Quality Management</b>
<b>Academic year:</b>	2009 – 2010
<b>Credit Value:</b>	5 – Mandatory
<b>Pre- requisites:</b>	None
<b>Assessment:</b>	70% Final Exam, 30% Continuous Assessment (CA)
<b>Aims</b>	The aim of this model is to enable the student to gain an understanding of the pertinent issues in relation to Operations and Quality Management. The course also provides the learner with an appreciation of strategic issues and a solid introduction to TQM, Capacity planning, Inventory management, Manufacturing systems and Technologies. In addition, the module enables the student to exercise awareness of the issues relating to facility location.
<b>Module Content</b>	<ul style="list-style-type: none"> <li>• Operations Management</li> <li>• Quality Management</li> <li>• Manufacturing systems and Technologies</li> <li>• Inventory Management and Scheduling</li> <li>• Capacity Planning and Facilities Location</li> </ul>
<b>Intended Learning Outcomes:</b>	<p><b>On successful completion of the module the student will be expected to be able to:</b></p> <ol style="list-style-type: none"> <li>1. Demonstrate an understanding of the nature of operations management</li> <li>2. Assess how this business function strategically integrates with other business functions</li> <li>3. Identify and discuss the link between strategy and operations management</li> <li>4. Demonstrate knowledge of capacity planning, total quality management, manufacturing systems and technologies</li> <li>5. Use diagnostic skills to evaluate inventory management and scheduling problems.</li> <li>6. Exercise awareness of the issues related to facilities location</li> </ol>