

<b>Module Title:</b>	<b>Technology Transfer – Semester 1</b>
<b>Academic year:</b>	2008 - 2009
<b>Credit Value:</b>	5 – Mandatory
<b>Pre- requisites:</b>	None
<b>Assessment:</b>	60% Final Exam, 40% Continuous Assessment (CA)
<b>Aims</b>	This module aims to provide the student with an understanding of the requirements and possible problem areas in technology transfer and through the knowledge provided possible ways to overcome the difficulties.
<b>Module Content</b>	<ul style="list-style-type: none"> <li>• Product Life cycle</li> <li>• Pilot-Plant Studies</li> <li>• Raw Material sourcing</li> <li>• Cleaning</li> <li>• Commissioning</li> <li>• Validation</li> </ul>
<b>Intended Learning Outcomes:</b> (September 2007)	<p><b>On successful completion of this module the student will be expected to be able to:</b></p> <ol style="list-style-type: none"> <li>1. Design a scale up protocol from bench top to large pilot scale</li> <li>2. Trouble shoot a scale up procedure</li> <li>3. Write and execute a technology transfer protocol for a pharmaceutical finished product.</li> <li>4. Design a cleaning validation protocol and carry out the cleaning validation necessary for technology transfer</li> <li>5. Compare raw material sources and assess their chemical and physical comparability.</li> <li>6. Write and execute validation documents.</li> </ol>