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## Transmission Principles Advanced (PCM, PDH, SDH, ATM)

<b>Course Code</b>	PCM-A
<b>Pre-requisites</b>	Fundamental Digital Switching or Introduction to Digital Cellular
<b>Module Description</b>	This highly participative course is specifically designed to give participants maximum exposure to the fundamentals of transmission and a practical understanding of the architecture, performance and management issues of PCM, PDH, SDH and ATM.
<b>Target Audience</b>	Operational and planning staff in the switching and radio domain.
<b>Objectives</b>	After successfully completing the course the student will: <ul style="list-style-type: none"> <li>○ Understand the principles of Transmission</li> <li>○ Understand the network interface connectivity of transmission</li> <li>○ Clear understanding of defined alarms</li> <li>○ Clear understanding of performance statistics</li> </ul>
<b>Contents</b>	<ol style="list-style-type: none"> <li>1. Network Technologies &amp; Standards in the 90's</li> <li>2. Various technologies and the application thereof currently employed in networks</li> <li>3. Frame structures of PCM, PDH, SDH and ATM.</li> <li>4. PDH and its limitation</li> <li>5. SDH and its benefits over PDH</li> <li>6. SDH Network Elements</li> <li>7. ATM protocol</li> </ol>
<b>Next Module</b>	<u>CCS7</u>
<b>Capacity</b>	Maximum: 16 students Minimum: 8 students
<b>Duration</b>	5 Days

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