

SEMESTER <i>Eighth</i>	DEPARTMENT <i>Control Engineering</i>	COURSE TITLE <i>SCADA Laboratory.</i>
COURSE CODE <i>EC808</i>	HOURS 3 UNITS 1	COURSE SPECIFICATIONS <i>Practical Content</i>
<ul style="list-style-type: none">➤ Introduction to OPC➤ Database Communication in LabVIEW (ODBC, SQL Toolkit)➤ Control & Datalogging System➤ Alarm System➤ Monitoring System➤ Database Systems, such as Microsoft SQL Server		
<p>References:</p> <p>In order to do the Lab Work you need the following Software:</p> <ol style="list-style-type: none">1. SQL Server2. Matrikon OPC Simulation Server – Matrikon OPC Simulation is free for non-production use and can be distributed openly. It is a fully functioning application without restriction.3. LabVIEW4. SQL Toolkit <p>And hardware you need:</p> <ol style="list-style-type: none">1. USB-6008 DAQ Device2. LM-900 Level Tank or Air Heater <p>http://home.hit.no/~hansha/documents/lab/Lab%20Work/scada.htm</p>		