

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>

- Introduction to OPC
- Database Communication in LabVIEW (ODBC, SQL Toolkit)
- Control & Datalogging System
- Alarm System
- Monitoring System
- Database Systems, such as Microsoft SQL Server

References:

In order to do the Lab Work you need the following Software:

1. SQL Server
2. 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. LabVIEW
4. SQL Toolkit

And hardware you need:

1. USB-6008 DAQ Device
2. LM-900 Level Tank or Air Heater

<http://home.hit.no/~hansha/documents/lab/Lab%20Work/scada.htm>