Academic Program

Citect's Academic Program is specifically designed to enable you to get the most out of your software investment.

The Citect Academic Program is designed to enable universities, technical colleges and tertiary training centers the ability to get the most out of their software investment. This is achieved by providing students and faculties with access to the latest benchmarking, manufacturing execution system (MES) and supervisory control and data acquisition (SCADA) software and courseware for a nominal fee. This program provides support for the registered faculty, which is a 24 hours a day, 7 days a week technical support service. Significant benefits for the institution, the instructor and the student makes this program exceptional value.

Benefits

- Access to world class automation and MES systems
- Latest courseware with version upgrades
- Practical workplace skills

www.citect.com/education

Microsoft GOLD CERTIFIED Partner

OPC FOUNDATION MEMBER

SCP SUPPORT CENTER PRACTICES – CERTIFIED –

Citect Real-time Intelligence

About SCADA and MES Systems

SCADA SYSTEMS

SCADA systems provide a user friendly interface to a control system containing programmable logic controllers (PLC). While a PLC does provide automated, pre-programmed control over a process, they are usually distributed across a plant, making it difficult to gather data from them manually. SCADA systems collect this data and display real-time information in the form of graphics pages and alarms. Historical data is collected and displayed in trends and reports.

MES SYSTEMS

A Manufacturing Execution System (MES) is a system that implements improvement methodologies. Organizations can use MES systems to measure and control production activities with the aim of increasing productivity and improving quality. Improvement methodologies analyze how a process works, look at the movement of product through the process and find areas that may be causing bottle necks or product loss.

A brief look at Citect and Educational Services

ABOUT CITECT

Citect is the leading, global provider of industrial automation, real-time intelligence, and next generation manufacturing execution systems (MES). Leveraging open technologies, CitectHMI/SCADA, CitectSCADA Reports, CitectFacilities and Ampla connect to multiple plant and business systems. Our products are complemented by Professional Services, Global Customer Support and Educational Services, and sold in numerous industries: mining, metals, food and beverage, manufacturing, facilities, water, gas pipelines, power distribution and pharmaceuticals. Headquartered in Sydney Australia, Citect has offices and representation in Oceania, Southeast Asia, China and Japan, North and South America, Europe, Africa and the Middle East. Its products are distributed in more than 80 countries worldwide.

CITECT EDUCATIONAL SERVICES

Citect Educational Services offers a suite of educational programs and courses designed to broaden knowledge in the field of Industrial Automation and MES software application. Citect Educational Services has committed significant investment into the development of programs, courses and courseware. This ensures that best practice is achieved for Citect software application and that updated educational materials are made available to keep in line with the latest technological advances and version releases.

Practical workplace skills

Benefits and Features

FOR INSTITUTIONS

- Easy upgrade program for existing educational partners
- Access to world class automation and MES systems
- Cost effective access to CitectSCADA, CitectSCADA Reports, CitectFacilities and Ampla software
- Raise the standard of courses with the latest commercial applications and solutions
- Provide students with practical industry skills
- 10 Licensed keys to allow connectivity to external I/O devices (limited to 8-day run time)

INSTRUCTORS

- Latest courseware with version upgrades
- Real time instructor support via access to the Citect Global Support Center 24/7
- Discounted instructor training at an authorized Citect Educational Center
- Direct access to the Citect Educational Services Examination System
- Course presentations for use in conjunction with existing courseware
- Access to the online CitectSCADA Knowledge Base, Citect ToolBox and DriverWeb

STUDENTS

- Citect Certificate of Attainment upon passing online examination
- Learn about Lean Manufacturing concepts
- Access to Citect software full version
- Practical workplace transfer of skills
- Access to Citect Knowledge Base
- Latest courseware developed by Citect Educational Services

ACADEMIC PACK FOR REGISTERED INSTRUCTORS

- Citect Compendium
- CitectHMI/SCADA, CitectSCADA Reports, CitectFacilities or Ampla DVD
- Memory Stick
- Instructors Manual
- Course Presentations
- Assignment and Project Material
- 10 Educational Software Licenses (8-day run time)
  - > 2 x CitectSCADA Full License (5000pts)
  - > 5 x CitectSCADA Display Client (5000pts)
  - > 5 x CitectSCADA Web Display Clients (5000pts)
  - > 1 x CitectSCADA Scheduler
  - > 1 x CitectSCADA Batch
  - > 1 x CitectSCADA Pocket

Exclusive Instructor's Pack

The Approval Process

- Follow our regulated procedures for academic establishments
- Sign the Academic Program Agreement
- Pay the annual Academic Program administration fee
- Register your instructors

For more information contact your local Citect representative or email **training@citect.com**

World class automation and MES systems

	SOLUTION	AUDIENCE
CitectSCADA	CitectSCADA is a world-leading industrial automation software that provides proven reliability, maximum flexibility and high scalability. CitectSCADA is designed to cater to the needs of both small and large industrial enterprises, and is widely deployed across different industries worldwide. Its easy-to-use configuration tools and powerful features make CitectSCADA a popular control software solution among both end users and system integrators.	Technical colleges with certificates and diplomas in Industrial Automation and PLC programming. Universities with Manufacturing Engineering degrees
CitectSCADA Reports	CitectSCADA Reports is a powerful plant-wide reporting analysis tool. By integrating industry standard technology, CitectSCADA Reports seamlessly collects, historizes and reports data from CitectSCADA systems, and has increasingly become more important for the enterprise with the increasing demand for real-time intelligence in decision-making process.	Universities with undergraduate and post graduate degrees in Manufacturing Engineering, Business Improvement and Project Management
CitectFacilities	CitectFacilities is specialized software, developed by Citect, for the facilities industry. The software integrates systems including, power monitoring, HVAC, lighting, and access control across an entire enterprise to deliver a single facilities monitoring and control solution. There is an increasing trend for systems, hardware, and software convergence within the facilities industry. The growing reliance on graphical user systems within building automation and energy management for all types of facilities makes CitectFacilities a natural fit for many courses.	Universities with Architecture and Civil Engineering degrees along with post graduate studies in Facilities Management.
Ampla	The result of close collaboration with customers across a wide range of industries worldwide, Ampla is a unique suite of customizable analysis modules which target specific areas for business improvement. Ampla connects to multiple plant and business systems, collects the relevant data and presents it as easy-to-understand, real-time information for productivity analysis, data mining, querying and reporting. Ampla supports Six Sigma and Lean Manufacturing as well as enabling the implementation of the international standard for Enterprise-Control system integration, ISA-95.	Universities with undergraduate and post graduate degrees in Manufacturing Engineering, Business Improvement and Project Management

Learn more about how education can benefit your business at **www.citect.com/education**

Citect

Real-time Intelligence