

Au2mate Academy

GENERAL INTRODUCTION TO THE DESIGN OF A DAIRY/FOOD CONTROL SYSTEM

**COURSE NO. 10:
DESIGN OF A DAIRY / FOOD CONTROL SYSTEM**

PROGRAM - SHORT DESCRIPTION · DURATION: 1 DAY - 08:30-16:00

Target audience For commercial and / or technical personnel who want to acquire basic knowledge related to the design of a dairy / food control system

Knowledge which can be very useful in connection with project work related to new installations, but also as a foundation for understanding your present installation.

Prerequisites Knowledge / interest in dairy / food processes and dairy / food automation & IT.

Language The course is conducted in Danish (English on request) - course material in English

Short description The course will give you a general introduction and overview regarding solutions, terms and standards used in connection with the design of a dairy / food automation and industrial IT system.

The course will cover topics such as:

- Elements in a typical dairy / food automation & IT solution
- Different types of solutions
- Network/Fieldbus solutions
- International standards used in dairy / food automation & industrial IT
- MES & industrial IT solutions
- Project execution model
- Required foundation for a dairy / food automation & industrial IT project
- Typical activities and documents related to a dairy / food automation & industrial IT project
- Introduction to operation of Au2mate Academy process pilot plant
- Exercise - Operation of Au2mate Academy process pilot plant

Objectives Upon completion of this course the attendant will have obtained:

- Understanding of typical operation of a dairy / food plant and the 1:1 relation between hardware and software (control system).
- Basic understanding of terms, standards and typical solutions within the area of dairy / food automation and industrial IT systems



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