



Course no. 19:
**General introduction to how Digitalisation & Industry 4.0
 can be utilised in the dairy industry**

Duration : 1 day
 Date : TBD

<p>Target audience</p>	<p>The course is targeting commercial and/or technical personnel who want to obtain basis knowledge and understanding on how Digitalisation & Industry 4.0 can be used to improve the performance of a dairy plant Knowledge which can be very usefull both in connection with project work related to new installations, but also in relation to improving performance of your present installation.</p>
<p>Prerequisites</p>	<p>Knowledge and/or interest in dairy processes and dairy automation & IT☺</p>
<p>Short description</p>	<p>The course will give you a general introduction and overview on how Digitalisation & Industry 4.0 techniques can be used in the dairy industry.</p> <p>The course will cover topics such as:</p> <ul style="list-style-type: none"> • General introduction to Digitalisation & Industry 4.0 / The smart factory • Cloud computing - storage • Big data / analytics • Machine Learning / Artificial Intelligence • Intelligent sensors / instruments • Industrial Internet of Things • Augmented reality • QR-codes for component tagging / easy access to documentation • Exercise - Cloud based data storage and analysis at Au2mate Academy process plant <p>All topics will be addressed with focus on how these techniques can be used in the dairy industry for improving performance.</p>
<p>Objectives</p>	<p>Upon completion of this course the attendant will obtain:</p> <ul style="list-style-type: none"> • Basic understanding of terms, technigues & typical solutions within the area of Digitalisation & Industry 4.0. • Understanding on how Digitalisation & Industry4.0 techniques can be used to optimise performance of your dairy plant.