

# INDUSTRIAL DATA ANALYTICS - CERTIFICATE

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The certificate in Industrial Data Analytics teaches the fundamental knowledge and tools for analyzing various forms of data from industrial and manufacturing processes, including those for change and anomaly detection as well as experimental design and simulation purposes. Broad applications found in manufacturing quality control, process optimization in healthcare industry, error monitoring and security surveillance. It also covers key competencies relevant to lean and six sigma. Please reference the program requirements tab for the required courses for this certificate.

This program is also approved for delivery via asynchronous distance education technology.

## Program Requirements

Code	Title	Semester Credit Hours
ISEN 613	Engineering Data Analysis	3
ISEN 614	Advanced Quality Control	3
ISEN 616	Design and Analysis of Industrial Experiments	3
ISEN 625	Simulation Methods and Applications	3
<b>Total Semester Credit Hours</b>		<b>12</b>