

INDUSTRY 4.0 CERTIFICATE

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This Industry 4.0 certificate is the first level of an overarching concept that brings together various solutions that connect factories and their components through intelligent use of data. While the benefits of smart technologies are widely recognized in the industry, there remains a significant labor skills gap; industries need employees who are skilled and experienced in robotics, smart manufacturing processes and Industry 4.0 technologies. This certificate can be embedded in any of the college's Engineering Technology degrees.

Technical Standards

See here for details.

First Year

First Semester		Hours
EET 1110	Circuit Analysis I	3
EET 2911	Programmable Logic Controllers	3
MET 2310	Fluid Power	3
Term Hours		9

Second Semester

AMT 1080	Mechanical Drive Systems	3
EET 1120	Circuit Analysis II	3
FMS 2110	Basic Robotics and Mechatronics	3
Term Hours		9
Total Hours		18