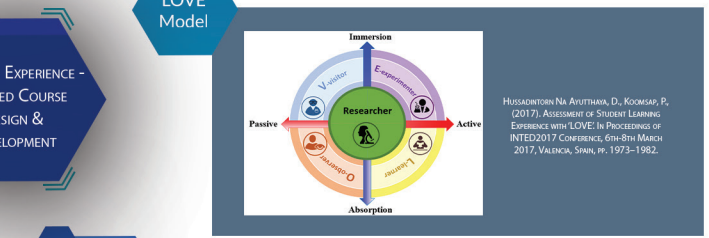
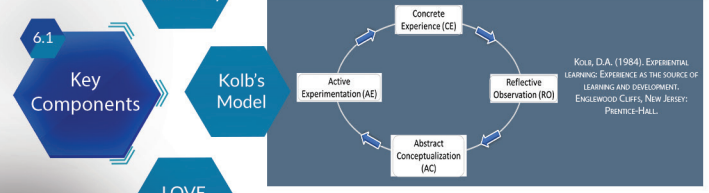
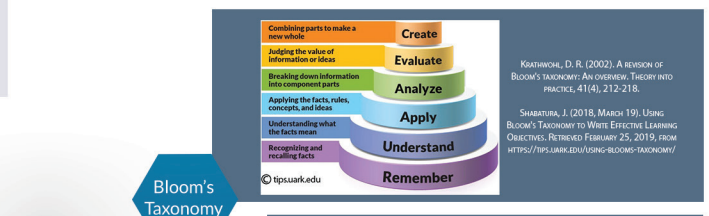


- 7 COURSES FOR MSIE 4.0 CURRICULUM**
- Enterprise Management in Digital Economy
 - Project Management for Industry 4.0
 - Smart Operations Management
 - Quality Management for Extended Enterprise
 - Sustainable Supply Chain Management
 - Digital Factory
 - Advanced Optimization: Techniques and Industrial Applications
 - Intelligent Decision Support Systems
 - Applied Data Analytics
 - Cyber-Physical Industrial Systems
 - Collaborative Manufacturing Systems
 - Additive Manufacturing for Industry 4.0
 - Innovative Product Design and Development
 - Human-Centric Design for Operator 4.0
 - Customer Experience-Driven Design
 - Leadership Communication and People Development in Digital Era
- Teaching and learning materials will be developed in both Thai and English versions.
 - Nine of the courses will be pilot tested.
 - The curriculum will be submitted for accreditation.
 - Short courses will be developed for professionals.

4.3 MSIE 4.0 Tag Line

Personalize Your Competence-Based Active Thematic Learning Experience to Support Sustainable Smart Industry

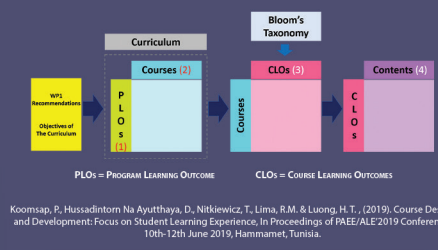


8 DEVELOPMENT OF LABORATORY WITH ONLINE REMOTE ACCESS

This laboratory is a learning factory resembling modern manufacturing shop floor. This learning facility will be used to support courses to provide hands-on experience to students. It will also be equipped with remote access capability to support learning from a distance.

9 ORGANIZING AN INTERNATIONAL CONFERENCE ON ENGINEERING EDUCATION

This conference is a forum for researchers to exchange ideas on enhancing Active Learning, Problem and Project-Based Learning in Engineering Education. Participants will actively involve in hands-on sessions, workshops, debates, industry panels, poster and paper sessions, and student project awards.



Experimental Learning Cycle

	AC	AE	CE	RO
T1	1	2	3	4
T2	5	6	7	8
T3	9	10	11	12
T4	13	14	15	16
Tx	...			

LOVE-Based Teaching & Learning Methods

	AC	AE	CE	RO
T1	Tex [0]	Tex [1]	Tex [2]	Tex [3]
T2	Tex [4]	Tex [5]	Tex [6]	Tex [7]
T3	Tex [8]	Tex [9]	Tex [10]	Tex [11]
T4	Tex [12]	Tex [13]	Tex [14]	Tex [15]
Tx	...			



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MSIE 4.0 Channel