Information Technology and Management Assessment Plan Spring 2018

Undergraduate Assessment, Spring 2018:
Based on *Information Technology and Management Assessment Plan for Undergraduate Degrees, 2016-2018 (Revision 4)* http://itm.iit.edu/faculty/2016-2018ITMUndergraduateAssessmentPlan(Rev4).pdf
Program Educational Objectives Assessed: 1
New Student Outcomes Assessed: (a), (b), (d), (f)
Student Artifacts: Survey / April 2018 / Evaluation by ITM Curriculum Committee
                              Assignments / May 2018 / Evaluators: Trygstad/Papademas/Zheng
Courses assessed:

Curricular Area	Course
Web Systems and HCI	ITMD 362 Human Computer Interaction and Web Design
Information Management	ITMD 421 Data Modeling and Applications
Systems Integration/Architecture	ITMT 430 System Integration

The following program education objective will be evaluated:

1. Problem solve and create innovative answers to provide technology solutions for the problems of business, industry, government, non-profit organizations, and individuals.

The following BITM Student Outcomes will be evaluated in ITMD 362:
Bachelor of Information Technology and Management graduates should be able to:
   (a) Analyze a problem and identify and define the computing requirements appropriate to its solution
   (b) Design, implement, and evaluate a computer-based solution to meet a given set of computing requirements
   (f) Identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems

The following BITM Student Outcomes will be evaluated in ITMD 421:
Bachelor of Information Technology and Management graduates should be able to:
   (a) Analyze a problem and identify and define the computing requirements appropriate to its solution
   (b) Design, implement, and evaluate a computer-based solution to meet a given set of computing requirements
   (d) Make informed judgments in computing practice based on legal and ethical principles

The following BITM Student Outcomes will be evaluated in ITMT 430:
Bachelor of Information Technology and Management graduates should be able to:
   (b) Design, implement, and evaluate a computer-based solution to meet a given set of computing requirements
   (d) Make informed judgments in computing practice based on legal and ethical principles
   (f) Identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems

In addition to the above, course objectives for each course will be assessed.

Graduate Assessment, Spring 2018:
Based on *Information Technology and Management Assessment Plan for Graduate Degrees, 2016-2018 (Revision 1)* http://itm.iit.edu/faculty/2016-2018ITMGraduateProgramAssessmentPlan(Rev.1).pdf
Master of Information Technology and Management (MITM) Program Educational
Objectives Assessed: 2
Master of Cyber Forensics and Security (MCYF) Program Educational Objectives Assessed: 2
Student Artifacts: Survey / April 2018 / Evaluation by ITM Curriculum Committee
                              Assignments / May 2018 / Evaluators: Trygstad/Papademas/Zheng

Courses assessed:

Curricular Area	Course	
Software Development (MITM)	ITMT 593	Embedded Systems
Security Technologies (MCYF)	ITMS 549	Cyber Security Technologies: Projects & Advanced Methods

The following program education objective will be evaluated in ITMD 593:

2. Work with, lead, and manage teams in an enterprise environment to collaboratively arrive at optimal technology solutions.

The following program education objective will be evaluated in ITMS 549:

3. Technically secure enterprise information assets and resources to deter, detect, and prevent the success of attacks and intrusions.

In addition to the above, course objectives for each course will be assessed.

Survey drafting and data collection staff:
> Amber Chatellier, ITM Department Manager
> Angela Jarka, ITM Assistant Department Coordinator

Assessment Evaluators:

ITM Curriculum Committee

The Curriculum Committee evaluates Survey Artifacts and makes recommendations based on evaluations of all assessment artifacts. All full-time faculty members are voting members of the committee should they elect to participate.

> Chair: Ray Trygstad, ITM Associate Chair and Industry Professor
> Members: Jeremy Hajek, Industry Associate Professor
>   Louis F. McHugh IV, SAT Computer Systems Manager and Adjunct Industry Associate Professor
>   Thomas "T.J." Johnson, Adjunct Industry Professor
>   Sheik "Sam" Shamsuddin, Adjunct Industry Professor; College of DuPage Professor and Computer Information System Program Coordinator
> Faculty: C. Robert Carlson, ITM Chair and Professor
>   Karl Stolley, Associate Professor (joint appointment)
>   Adarsh Arora, Coleman Entrepreneur-in-Residence and Industry Professor
>   William Lidinsky, Interim Director, Center for Cyber Security and Forensics Education and Industry Professor
>   James Pappademas, Industry Professor
>   Yong Zheng, Senior Lecturer

All full-time faculty members may be appointed as assessment evaluators for Assignment Artifacts. Assessment Evaluators for Spring 2018 are:
> .   Ray Trygstad
>   James Papademas
>   Yong Zheng