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
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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:

<table>
<thead>
<tr>
<th>Curricular Area</th>
<th>Course</th>
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<tbody>
<tr>
<td>Software Development (MITM)</td>
<td>ITMT 593 Embedded Systems</td>
</tr>
<tr>
<td>Security Technologies (MCYF)</td>
<td>ITMS 549 Cyber Security Technologies: Projects &amp; Advanced Methods</td>
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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