

AOL Report Management Engineering Program Assessment (2011)

The Management Engineering (ME) Program pursues excellence in academic research based on great emphasis on scientific methodology and theoretical expertise.

The research areas include Accounting, Managerial Economics, Finance, Organization & Strategy, Marketing, IT Management, SCM, and Business Statistics & Forecasting.

Students in this program intensively learn various theories and analytical skills to be highly achieved scholars.

- Total Course: 39 (Spring, 2011: 20 / Fall, 2011: 19)
- Number of Graduate: 53 (Master: 45, Ph.D.: 8)
- Total Enrollment: 1st 53/ 2nd 53
- Sample: 10~13 (15% of 53 = 8)
- Assessment Course:

Learning Goal 1	None in this semester
Learning Goal 2	Defense of Dissertation
Learning Goal 3	- Sample: 10 (19 % of Graduate 53)
Learning Goal 4	BA661 IT Strategy & BA763 Social Network Analysis - Sample: 13 (25 % of Graduate 53)

Overview of assessment

Management Engineering Program Assessment: Learning Goal 2		
Our graduates will be effective professional communicators.		
Learning Objective	Sample	Methods
(L21) Our student will create well-written professional papers on a research topic. (L22) Our students will deliver an effective oral presentation on a research topic.	Defense of Dissertation in Fall Semester, N= 10	- Dissertation evaluation
Finding - Using dissertation evaluation in defenses of dissertation. Average scores for the exceed 2.7 (meet the expectation) * 1 (Fails to Meet Expectations) 2 (Meets Expectations) 3 (Exceed Expectation)		

Management Engineering Program Assessment: Learning Goal 3		
Learning Goal Our graduates will be capable researchers.		
Learning Objective	Sample	Methods
1. Our student will identify and diagnose management/research problems. (L31) 2. Our students will engage in management research and present the findings of such research effectively. (L32)	Defense of Dissertation in Fall Semester, N= 10	- The chair of dissertation committee members developed Scoring Rubric with detailed evaluation criteria
Finding - Average scores for the exceed 2.8 (meet the expectation) * 1 (Fails to Meet Expectations) 2 (Meets Expectations) 3 (Exceed Expectation)		

Management Engineering Program Assessment: Learning Goal 4		
Our graduates will use team building successfully.		
Learning Objective	Sample	Methods
(L41) Our students will know how to build a academic team successfully.	Student enrolled in BA661 (N= 8) & BA763 (N=5)	- Course-embedded survey (peer evaluation)
Finding - Using Course-embedded survey in BA 661 & BA 763 for peer review among team members Using Course-embedded survey in BA 661 & BA 763. Average scores for the exceed 2.8 (meet the expectation) * 1 (Fails to Meet Expectations) 2 (Meets Expectations) 3 (Exceed Expectation)		

Data Analysis and Results

Assessment Learning Goal 2: Defense of Dissertation Committee member evaluates the master or doctoral students													
Student Number	L21						L22						
	1	2	3	4	5	6	1	2	3	4	5	6	7
1	3	2	2	2	3	3	3	3	3	3	3	2	3
2	3	2	2	2	3	3	3	2	3	3	3	3	3
3	2	2	2	3	3	3	3	2	3	3	3	2	3
4	3	2	2	3	3	3	3	3	3	3	3	2	2
5	3	2	2	3	3	3	3	3	2	3	3	2	3
6	3	2	3	3	3	3	3	3	2	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	2	2	3	3	3
9	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	2	3	3	3	3	3	2	3	3	3	3
3 point total	9	4	4	8	10	10	10	8	6	9	10	6	9
2 point total	1	6	6	2	0	0	0	2	4	1	0	4	1
1 point total	0	0	0	0	0	0	0	0	0	0	0	0	0

* Criteria: 1 (Fails to Meet Expectations) 2 (Meets Expectations) 3 (Exceeds Expectations)

Assessment Learning Goal 3: Defense of Dissertation												
Committee member evaluates the master or doctoral students												
Student Number	L31						L32					
	1	2	3	4	5	6	7	1	2	3	4	5
1	3	2	3	3	3	3	3	3	2	3	3	3
2	2	3	3	3	3	3	3	3	3	2	3	3
3	3	3	3	3	2	3	2	3	2	3	3	2
4	3	3	3	2	3	3	3	3	2	3	3	3
5	3	3	3	2	3	3	3	3	2	3	3	2
6	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3
9	3	3	3	3	3	2	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3	3	3
3 point total	9	9	10	8	9	9	9	10	6	9	10	8
2 point total	1	1	0	2	1	1	1	0	4	1	0	2
1 point total	0	0	0	0	0	0	0	0	0	0	0	0

* Criteria: 1 (Fails to Meet Expectations) 2 (Meets Expectations) 3 (Exceeds Expectations)

Assessment Learning Goal 4: BA 661 & BA 673				
Using course-embedded survey (peer evaluation)				
ID	L4			
	1	2	3	4
1	3	3	3	3
2	3	2	3	3
3	3	3	3	2
4	3	3	3	3
5	3	3	3	3
6	3	3	3	3
7	3	3	3	3
8	3	2	3	2
9	3	2	3	3
10	3	3	3	3
11	3	2	3	3
12	3	3	3	3
13	3	3	3	3
3 point total	13	9	13	11
2 point total	0	4	0	2
1 point total	0	0	0	0

* Criteria: 1 (Fails to Meet Expectations) 2 (Meets Expectations) 3 (Exceeds Expectations)