



**Mansoura University  
Faculty of Engineering**

**Production and Mechanical Design Engineering Department**

**Postgraduate Program Report  
Diploma: Managerial Systems Engineering**



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**Postgraduate Program Report**  
**Diploma: Managerial Systems Engineering**

**A. BASIC INFORMATION**

Program Title	Diploma: Managerial Systems Engineering
Field of the program	Industrial Engineering
System applied for the program	Two Years
Department offering the program	Production and Mechanical Design Engineering
Date of curriculum approval	1984

Academic Year / Level	First Year (2013/2014)
Number of Courses	4
Number of Weeks	30
Lecture Hours/Week	12 hrs (3hrs/Course)
Total Hours	90×4

**B. SPECIALIZED INFORMATION**

**B.1. Statistics**

Element	Number	Percent
Number of student <i>Enrolled</i> in the program	3	
Number of student <i>Completing</i> the program	3	100
Number of students <i>Passed</i> the program	2	66%
Number of <i>Excellent</i> graded students	0	0
Number of <i>Very Good</i> graded students	0	0
Number of <i>Good</i> graded students	1	33%
Number of <i>Pass</i> graded students	1	33%

*Courses' Details*

No.	Course	Code	Excel.	V.G.	Good	Pass	Fail
1	Assessment of Current and Proposed Projects	PRE4531	0	0	0	2	1
2	Processing of Managerial Problems	PRE4532	0	1	0	1	1
3	Methods of Decision Making	PRE4533	0	1	1	0	1
4	Design of Scientific Management Systems	PRE4534	0	1	1	0	1

**B.2. Academic Standards**

National Academic Reference Standards (NARS) for Engineering

**B.3. Standard Measurement Reference for the Program**

Questionnaire

Date of Program Report Approval: 7/1/2015

Coordinator: **Prof. Dr. Hassan Ali Soltan**

Department Head: **Prof. Dr. Hassan Ali Soltan**



**B.4. Program Guide**

Available

**B.5. Periodic Review of the Program**

Not available

**B.6. Compatibility of the Academic Structure of the Program with Education Target**

Moderate

**B.7. Regulatory and Administrative Constraints**

Constraint	Intensity		
	High	Moderate	Low
Shortage of staff members		*	
Lack of communication with industry	*		
Lack of coordination between the faculty sectors	*		
Ineffective acceptance rules for the students	*		
Bad utilization of the available facilities	*		

**B.8. Students' Evaluation of the Program**

**Global Benefit Value (66%)**

**Methods of Evaluation**

Questionnaire and Interview

**Evaluation s' Details:**

No practical application is established for the program

No real communication with industries and other societies

Time schedules aren't suitable

Shortage of education facilities

Staffs' load is high

Students' motivation is low

No effective rules for students' selection to evaluate their abilities for joining the program

**B.9. Program Enhancement Suggestions**

Suggested Enhancement	Necessity		
	High	Moderate	Low
Developing training arrangements with industry	*		
Adding new education facilities	*		
Developing the programs to accommodate market needs	*		
Establishing serious rules for student acceptance	*		
Emphasizing the cooperation between departments	*		
Reconstructing the current program	*		

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**B.10. Comments from External Evaluators**

Not available

**B.11. Students' Suggestions**

Suggestion	Implemented?	
	Yes	No
Developing training arrangements with business sectors and industry		*
Reconstructing the current program and adding new courses	*	
Developing the program to accommodate market needs and technology	*	
Actuate the internal training classes and workshops		*

**B.12. Cooperation with Industry** (Not available)

**B.13. Quality Management and Development**

**Follow up** (Not enough)

**Effectiveness of Internal Auditing System** (Not enough)

**Observations of the External Auditing System** (Not available)

**B.14. Program Development Proposals**

Area	Description	Completion	Responsible
Program	Reconstruction of current program	Done	Department
External training	Making arrangements with industry	One year	Department
Workshops	Offering organizational workshops	One year	Management
Library	Adding new books	Done	Department
Other Facilities	Adding additional education facilities	One year	Management
Methods	Modernizing the teaching methods	One year	Lecturers

**B.15. Instructors**

No.	Name	Position	Courses
1	Prof. Dr. Hassan Ali Soltan	Professor	Methods of Decision Making Design of Scientific Management Systems
2	Dr. Ahmed Abdalhamed Abdelshafy	Associate Professor Emeritus	Assessment of Current and Proposed Projects
3	Dr. Mohamed Sobeih Hossen	Assistant Professor Emeritus	Processing of Managerial Problems

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