



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Fluid Mechanics</b>			Code	<b>MPE127</b>
Department offering the course	Mechanical power Eng.			Level	First year
Programme on which the course is given B.Sc in	Electrical. Eng.				
Department(s) offering the programme	Mech Power. Eng. Dept.				
Academic year	2013 /20 14	AD	Semester	( )First, (√)Second	
Start data	10 / 3 /20 14		AD	End date	30 / 5 / 2014
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	2	1	1	4	
Are there any difference between these figures and those specified? ( )Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) <b>Ass. Prof. Dr. Essam M. A. Wahba</b> 2) 3)				
Members of course examination committee.	1) <b>Prof. Dr. Mostafa Naser Mohammed</b> 2) <b>Ass. Prof. Dr. Essam M. A. Wahba</b> 3) <b>Dr. Abdel Fatah Mahrous</b>				
Dates of meeting of course examination committee.	/ / 2014				
Course coordinator	<b>Ass. Prof. Dr. Essam M. A. Wahba</b>				
External evaluator	<b>Prof Dr. Galal Rabiea</b>				

### B) Statistical Information

No. of students starting the course				No. of students completing the course			
148				148			
Results of completing students		Passed	No. 142 % 95.95	Failed	No. 6 % 4.05		
Grading of completing students (of total pass)							
Excellent	No. 3 % 2.3	Very Good	No. 15 % 10.1	Good	No. 54 % 36.5	Pass	No. 70 % 47.3
Are the grades acceptable? (√) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)							



### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ☒ ) 100 % ( ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)
- 2) NON
- 3)

#### 2) Student assessment

Method of assessment	mark	% of total
Final term examination	90	60
Mid term examination	15	10
Oral examination	30	20
Practical / Laboratory examination.	5	3.33
Semester work	10	6.67
Other types of assessment	--	
Total	150	100 %

#### 3 ) Teaching and Learning Methods : ( please check ☒ or X)

Lectures	<input checked="" type="checkbox"/>	Work Shop	
Practical Training	<input checked="" type="checkbox"/>	Class activity	<input checked="" type="checkbox"/>
Laboratory	<input checked="" type="checkbox"/>	Case Study	
Seminar	-	Other assignments/homework	<input checked="" type="checkbox"/>

#### 4) Facilities and Teaching Materials : please check ☒

Totally adequate		
Adequate to some extent	<input checked="" type="checkbox"/>	
Inadequate		
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( ) academic staff	( ) non- academic staff	( ) teaching accommodation
( ) library	( ) laboratories	( ) IT facility

#### 5) Administrative Constrains



6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 2013 /2014 AD		
Action required	Completion date	Person responsible

Course coordinator

Signature

**Ass. Prof. Dr. Essam . M. Wahba**

Date / / 2014



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Thermodynamics</b>			Code	<b>MPE128</b>
Department offering the course	Mechanical power Eng.			Level	First year
Programme on which the course is given	B. Sc in Electric Eng.				
Department(s) offering the programme	Mechanical power Eng.				
Academic year	2013 / 2014 AD		Semester	( ) First, (√) Second	
Start data	10 / 3 / 2014 AD		End date	30 / 5 / 20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	2	2		4	
Are there any difference between these figures and those specified? ( ) Yes, (√) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) <b>Prof. Dr. Ali R. El ghalban</b> 2) <b>Prof. Dr Fathy M. Mahfouz</b>			
Members of course examination committee.		1) <b>Prof. Dr. Ali . R. El ghalban</b> 2) <b>Dr Fathy M. Mahfouz</b> 3) <b>Prof Dr .Taher I Sabry</b>			
Dates of meeting of course examination committee.		/ / 2014			
Course coordinator	<b>Prof. Dr. Ali . R. El ghalban – Prof. Dr Fathy M. Mahfouz</b>				
External evaluator	<b>Prof Dr. Galal Rabiea</b>				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
155				155							
Results of completing students		Passed	No.	145	Failed	No.	10				
			%	93.6		%	6.4				
Grading of completing students (of total pass)											
Excellent	No.	19	Very	No.	29	Good	No.	48	Pass	No.	49
	%	12	Good	%	18		%	30		%	31
Are the grades acceptable? ( ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											



### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ☒ ) 100 % ( ☐ ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)
- 2)
- 3)

#### 2) Student assessment

Method of assessment	mark	% of total
Final term examination	70	70
Mid term examination	20	20
Oral examination		
Practical / Laboratory examination.		
Semester work	10	10
Other types of assessment		
Total	100	100 %

#### 3 ) Teaching and Learning Methods : ( please check ☒ or X)

Lectures	<input checked="" type="checkbox"/>	Work Shop	
Practical Training		Class activity	<input checked="" type="checkbox"/>
Laboratory		Case Study	
Seminar		Other assignments/homework	<input checked="" type="checkbox"/>

#### 4) Facilities and Teaching Materials : please check ☒

Totally adequate		
Adequate to some extent	<input checked="" type="checkbox"/>	
Inadequate		
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( <input type="checkbox"/> ) academic staff	( <input type="checkbox"/> ) non- academic staff	( <input checked="" type="checkbox"/> ) teaching accommodation
( <input type="checkbox"/> ) library	( <input checked="" type="checkbox"/> ) laboratories	( <input type="checkbox"/> ) IT facility

#### 5) Administrative Constrain



6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 2013 /2014 AD		
Action required	Completion date	Person responsible

Course coordinator

Signature

**Prof. Dr. Ali R. El ghalban**  
**Prof. Dr Fathy M. Mahfouz**

Date / / 2014



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Mechanical Engineering</b>			Code	<b>MPE 129</b>
Department offering the course	Mechanical power Eng.			Level	1 <sup>st</sup> year
Programme on which the course is given B. Sc in	Civil Eng.				
Department(s) offering the programme	Mech. Power Eng.				
Academic year	2013 / 2014	AD	Semester	( ) First, (√) Second	
Start data	10 / 3 / 2014	AD	End date	30 / 5 / 20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	2	1	-	3	
Are there any difference between these figures and those specified? ( ) Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) <b>Ass. Prof. Dr. Essam M. A. Wahba</b> 2) 3)				
Members of course examination committee.	1) <b>Ass. Prof. Dr. Essam M. A. Wahba</b> 2) <b>Prof. Dr. Taher I. Sabry</b> 3) <b>Prof. Dr. Ahmad S. Hegazy</b>				
Dates of meeting of course examination committee.	/ / 2014				
Course coordinator	<b>Ass. Prof. Dr. Essam M. A. Wahba</b>				
External evaluator	<b>Prof.Dr. Galal Rabiea</b>				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
153				152							
Results of completing students		<b>Passed</b>	No.	135	<b>Failed</b>	No.	17				
			%	88.8		%	11.2				
Grading of completing students (of total pass)											
<b>Excellent</b>	No.	11	<b>Very Good</b>	No.	20	<b>Good</b>	No.	48	<b>Pass</b>	No.	56
	%	7.3		%	13.2		%	31.6		%	36.84
Are the grades acceptable? ( √ ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											





### C) Professional Information

1) Course teaching

Topics taught as a percentage of those specified: ( ☒ ) 100 % ( ☐ ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

1)  
2)  
3)

Referring to the course specification, please list any ILO's specified but not taught.

1)  
2)  
3)

2) Student assessment		
Method of assessment	mark	% of total
Final term examination	50	67
Mid term examination	15	20
Oral examination		
Practical / Laboratory examination.		
Semester work	10	13
Other types of assessment		
Total	75	100 %

3 ) Teaching and Learning Methods : ( please check <input checked="" type="checkbox"/> or X)			
Lectures	<input checked="" type="checkbox"/>	Work Shop	
Practical Training	<input checked="" type="checkbox"/>	Class activity	<input checked="" type="checkbox"/>
Laboratory	<input checked="" type="checkbox"/>	Case Study	<input checked="" type="checkbox"/>
Seminar		Other assignments/homework	<input checked="" type="checkbox"/>

4) Facilities and Teaching Materials : please check ☒

Totally adequate	<input type="checkbox"/>
Adequate to some extent	<input type="checkbox"/>
Inadequate	<input checked="" type="checkbox"/>

Reasons of your choice: please check ☒

( ) academic staff	( ) non- academic staff	( ) teaching accommodation
( ) library	( ) laboratories	( ) IT facility

5) Administrative Constrain





6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 2013/2014 AD		
Action required	Completion date	Person responsible

Course coordinator

Signature

**Ass. Prof. Dr. Essam M. A. Wahba**

Date / / 2014



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Thermodynamics</b>			Code	<b>MPE 213</b>
Department offering the course	Mechanical power Eng.			Level	2 <sup>nd</sup> year
Programme on which the course is given B. Sc in	Prod. & Design Eng.				
Department(s) offering the programme	Mech Power. Eng. Dept.				
Academic year	2013 / 2014 AD		Semester	(√) First, ( ) Second	
Start date	1 / 10 / 2013 AD		End date	25 / 12 / 20 13 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	2	2	0	4	
Are there any difference between these figures and those specified? ( √ ) Yes, ( ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) <b>Ass. Prof. Dr. Essam M. A. Wahba</b> 2) 3)				
Members of course examination committee.	1) <b>Prof. Dr. Nabil Hanafy</b> 2) <b>Ass. Prof. Dr. Essam M. A. Wahba</b> 3) <b>Dr. Mostafa Gad El Rab</b>				
Dates of meeting of course examination committee.	/ / 2014				
Course coordinator	<b>Ass. Prof. Dr. Essam M. A. Wahba</b>				
External evaluator	<b>Prof Dr. Galal Rabiea</b>				

### B) Statistical Information

No. of students starting the course						No. of students completing the course					
150						150					
Results of completing students		Passed	No.		114	Failed	No.		36		
			%	76	%		24				
Grading of completing students (of total pass)											
Excellent	No.	2	Very Good	No.	18	Good	No.	33	Pass	No.	55
	%	1.3		%	12		%	22		%	64.7
Are the grades acceptable? ( √ ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											



### C) Professional Information

1) Course teaching
Topics taught as a percentage of those specified: ( <input checked="" type="checkbox"/> ) 100 % ( ) < 100%
If the percentage is less than 100%, please give reasons for not teaching any topic:
1)
2)
3)
Referring to the course specification, please list any ILO's specified but not taught.
1)
2)
3)

2) Student assessment		
Method of assessment	mark	% of total
Final term examination	70	70
Mid term examination	10	10
Oral examination		
Practical / Laboratory examination.		
Semester work	10	10
Other types of assessment	10	10
Total	100	100 %

3 ) Teaching and Learning Methods : ( please check <input checked="" type="checkbox"/> or X)			
Lectures	<input checked="" type="checkbox"/>	Work Shop	
Practical Training	<input checked="" type="checkbox"/>	Class activity	
Laboratory	<input checked="" type="checkbox"/>	Case Study	
Seminar		Other assignments/homework	<input checked="" type="checkbox"/>

4) Facilities and Teaching Materials : please check <input checked="" type="checkbox"/>		
Totally adequate	<input type="checkbox"/>	
Adequate to some extent	<input checked="" type="checkbox"/>	
Inadequate	<input type="checkbox"/>	
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( ) academic staff	( ) non- academic staff	( ) teaching accommodation
( ) library	( <input checked="" type="checkbox"/> ) laboratories	( ) IT facility

5) Administrative Constrain	
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6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 2013/2014 AD		
Action required	Completion date	Person responsible

Course coordinator

Signature

**Ass. Prof. Dr. Essam M. A. Wahba**

Date / / 2014



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Heat Engines</b>			Code	<b>MEP227A</b>
Department offering the course	Mechanical power Eng.			Level	2 <sup>nd</sup> year
Program on which the course is given B. Sc in	Electrical Eng.				
Department(s) offering the program	Mechanical power Eng.				
Academic year	2013/2014	AD	Semester	( ) First, (√) Second	
Start date	10/3/2014		End date	30/5/2014	
Actual taught hours	Lecture 3	Tutorial 2	Lab. 1	Total 6	
Are there any difference between these figures and those specified? ( ) Yes, (√) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) <b>Prof. Dr. Mohamed A. Habib</b> 2) <b>Dr. Hamdy K. Mostafa</b> 3)				
Members of course examination committee.	1) <b>Prof. Dr. Mohamed Abd El-Warth Habib</b> 2) <b>Dr. Hamdy Kotb Mostafa</b> 3)				
Dates of meeting of course examination committee.	/ / 2014				
Course coordinators	<b>Prof. Dr. Mohamed A. Habib &amp; Dr. Hamdy K. Mostafa</b>				
External evaluator	<b>Prof Dr. Galal Rabiea</b>				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
85				85							
Results of completing students		<b>Passed</b>	No.	<b>77</b>	<b>Failed</b>	No.	<b>8</b>				
			%	<b>90.6</b>		%	<b>9.4</b>				
Grading of completing students (of total pass)											
<b>Excellent</b>	No.	<b>23</b>	<b>Very Good</b>	No.	<b>18</b>	<b>Good</b>	No.	<b>17</b>	<b>Pass</b>	No.	<b>19</b>
	%	<b>29.9</b>		%	<b>23.4</b>		%	<b>22</b>		%	<b>24.7</b>
Are the grades acceptable? (√) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											



### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ) 100 % (√) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

1) There is no lab for heat engines applications.

2)

3)

Referring to the course specification, please list any ILO's specified but not taught.

1)

2) NON

3)

#### 2) Student assessment

Method of assessment	Mark	% of total
Final Examination (written)	90	60 %
End of term assessment (Oral)	15	10 %
End of term laboratory examination (Lab)	15	10 %
Mid term written Examination (Term Work)	18	12 %
Tutorial and report assessment (Term Work)	12	8 %
Total	150	100 %

#### 3) Teaching and Learning Methods : ( please check √ or X)

Lectures	√	Work Shop	√
Practical Training	√	Class activity	√
Laboratory	√	Case Study	√
Seminar		Other assignments/homework	√

#### 4) Facilities and Teaching Materials : please check √

Totally adequate		
Adequate to some extent	√	
Inadequate		
Reasons of your choice: please check √		
( ) academic staff	(√) non- academic staff	(√) teaching accommodation
(√) library	(√) laboratories	(√) IT facility

#### 5) Administrative Constrain



6) Student evaluation of Course	Comments of Course Team
	1)
	2)
	3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 2013/2014 AD		
Action required	Completion date	Person responsible

Course coordinators

Signature

**Prof. Dr. Mohamed Abd El-Warth Habib**

**Dr. Hamdy Kotb Mostafa**

Date / / 2014





## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Hydraulic Machines</b>			Code	<b>MPE 227B</b>
Department offering the course	Mechanical power Eng.			Level	2 <sup>nd</sup> year
Programme on which the course is given	B. Sc			Electrical. Eng.	
Department(s) offering the programme				Mechanical power Eng.	
Academic year	2013 / 2014		AD	Semester	( ) First, (√) Second
Start data	10 / 3 / 2014		AD	End date	30 / 5 / 20 14 AD
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	3	2	1	6	
Are there any difference between these figures and those specified? ( ) Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) <b>Dr. Ahmed Rafat</b> 2) <b>Dr. Ismail M. Sakr</b> 3)			
Members of course examination committee.		1) <b>Prof. Dr. Sobieh M. Seliem</b> 2) <b>Dr. Ahmed Rafat</b> 3) <b>Dr. Ismail M. Sakr</b>			
Dates of meeting of course examination committee.		/ / 2014			
Course coordinator	<b>Dr. Ahmed Rafat &amp; Dr. Ismail M. Sakr</b>				
External evaluator	<b>Prof Dr. Galal Rabiea</b>				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
130				130							
Results of completing students		Passed	No.	120	Failed	No.	10				
			%	92.3		%	7.7				
Grading of completing students (of total pass)											
Excellent	No.	2	Very	No.	16	Good	No.	34	Pass	No.	68
	%	1.54	Good	%	12.3		%	26.15		%	52.3
Are the grades acceptable? ( √ ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											



### C) Professional Information

1) Course teaching
Topics taught as a percentage of those specified: ( <input checked="" type="checkbox"/> ) 100 % ( <input type="checkbox"/> ) < 100%
If the percentage is less than 100%, please give reasons for not teaching any topic:
1)
2)
3)
Referring to the course specification, please list any ILO's specified but not taught.
1)
2)
3)

2) Student assessment		
Method of assessment	mark	% of total
Final term examination	90	60
Mid term examination	15	10
Oral examination	15	10
Practical / Laboratory examination.	10	0.067
Semester work	10	0.067
Other types of assessment	10	0.067
Total	150	100 %

3 ) Teaching and Learning Methods : ( please check <input checked="" type="checkbox"/> or X)			
Lectures	<input checked="" type="checkbox"/>	Work Shop	
Practical Training	<input checked="" type="checkbox"/>	Class activity	
Laboratory	<input checked="" type="checkbox"/>	Case Study	
Seminar		Other assignments/homework	<input checked="" type="checkbox"/>

4) Facilities and Teaching Materials : please check <input checked="" type="checkbox"/>		
Totally adequate	<input type="checkbox"/>	
Adequate to some extent	<input checked="" type="checkbox"/>	
Inadequate	<input type="checkbox"/>	
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( ) academic staff	( ) non- academic staff	( ) teaching accommodation
( ) library	( <input checked="" type="checkbox"/> ) laboratories	( ) IT facility

5) Administrative Constrain	
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6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 2013/2014 AD		
Action required	Completion date	Person responsible

Course coordinator

Signature

**Dr. Ahmed Rafat**  
**Dr. Ismail M. Sakr**

Date / / 2014



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Fluid Mechanics</b>			Code	<b>MPE 228</b>
Department offering the course	Mechanical power Eng.			Level	2 <sup>rd</sup> Year
Programme on which the course is given	B. Sc in Prod. & Design Eng.				
Department(s) offering the programme	Mech Power. Eng. Dept.				
Academic year	2013 / 2014 AD		Semester	( ) First, (√) Second	
Start data	10 / 3 /2014 AD		End date	30 /5 /20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	2	2	2	6	
Are there any difference between these figures and those specified? ( ) Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) <b>Prof. Dr. Mostafa N. M. Nasr</b> 2) <b>Dr. Ismail M. Sakr</b> 3)				
Members of course examination committee.	1) <b>Prof. Dr. Mostafa Nasr</b> 2) <b>Prof. Dr. Wageeh El-Askary</b> 3) <b>Dr. Ismail M. Sakr</b>				
Dates of meeting of course examination committee.	/ / 2014				
Course coordinator	<b>Prof. Dr. Mostafa N. M. Nasr &amp; Dr. Ismail M. Sakr</b>				
External evaluator	<b>Prof Dr. Galal Rabiea</b>				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
138				138							
Results of completing students		<b>Passed</b>	No.	<b>124</b>	<b>Failed</b>	No.	<b>14</b>				
			%	<b>90</b>		%	<b>10</b>				
Grading of completing students (of total pass)											
<b>Excellent</b>	No.	<b>0</b>	<b>Very Good</b>	No.	<b>6</b>	<b>Good</b>	No.	<b>20</b>	<b>Pass</b>	No.	<b>86</b>
	%	<b>0</b>		%	<b>4</b>		%	<b>14.5</b>		%	<b>62.3</b>
Are the grades acceptable? ( √ ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											



### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ) 100 % (√) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1) Holidays
- 2) Lab.
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1) C13-1 Setup conduct and interpret heat transfer experiments
- 2)
- 3)

#### 2) Student assessment

Method of assessment	mark	% of total
Final term examination	100	66.66
Mid term examination	0	0
Oral examination	0	0
Practical / Laboratory examination.	15	10
Semester work	15	10
Other types of assessment	20	13,40
Total	150	100

#### 3 ) Teaching and Learning Methods : ( please check √ or X)

Lectures	√	Work Shop	
Practical Training	√	Class activity	√
Laboratory	√	Case Study	√
Seminar		Other assignments/homework	

#### 4) Facilities and Teaching Materials : please check √

Totally adequate		
Adequate to some extent	√	
Inadequate		
Reasons of your choice: please check √		
( ) academic staff	( ) non- academic staff	( ) teaching accommodation
( ) library	(√) laboratories	(√) IT facility

#### 5) Administrative Constrain



6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons
Renewable Energy	X	I don't know
Environment lab.		

9) Action Plan For Academic Year 2013 /2014 AD		
To repair some experimental setup	Completion date	Course coordinator
- To develop it		Dean of faculty

Course coordinator

Sign

**Prof. Dr. Mostafa N. M. Nasr**  
**Dr. Ismail M. Sakr**

Date / / 2014



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Mechanical power plants</b>			Code	<b>MPE 327 A</b>
Department offering the course	Mechanical power Eng.			Level	3 <sup>rd</sup> year
Programme on which the course is given B. Sc in	Electric Eng.				
Department(s) offering the programme	Mech Power. Eng. Dept				
Academic year	2013 / 2014 AD		Semester	( ) First, (√) Second	
Start data	10 / 3 / 2014 AD		End date	30 / 5 / 20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	2	2	-	4	
Are there any difference between these figures and those specified? ( ) Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) <b>Dr. Abu El- Mahasen M. Elhanfy</b> 2) 3)				
Members of course examination committee.	1) <b>Prof. Dr. Aly Eelghalman</b> 2) <b>Dr. Abu El- Mahasen M. Elhanfy</b> 3) <b>Dr. Awatef Elbatawy</b>				
Dates of meeting of course examination committee.	/ / 2014				
Course coordinator	<b>Dr. Abu El- Mahasen M. Elhanfy</b>				
External evaluator	<b>Prof Dr. Galal Rabiea</b>				

### B) Statistical Information

No. of students starting the course				No. of students completing the course				
36				36				
Results of completing students		Passed	No.	33	Failed	No.	3	
			%	91.7		%	8.3	
Grading of completing students (of total pass)								
Excellent	No.	10	Very	No.	9	Good	No.	7
	%	30.3	Good	%	27.3		%	21.2
Are the grades acceptable? ( ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)								





### C) Professional Information

1) Course teaching
Topics taught as a percentage of those specified: ( <input checked="" type="checkbox"/> ) 100 % ( <input type="checkbox"/> ) < 100%
If the percentage is less than 100%, please give reasons for not teaching any topic:
1)
2)
3)
Referring to the course specification, please list any ILO's specified but not taught.
1)
2)
3)

2) Student assessment		
Method of assessment	mark	% of total
Final term examination	70	70
Mid term examination	15	15
Oral examination	-	
Practical / Laboratory examination.	-	
Semester work	10	10
Other types of assessment	5	5
Total	100	100 %

3 ) Teaching and Learning Methods : ( please check <input checked="" type="checkbox"/> or X)			
Lectures	<input checked="" type="checkbox"/>	Work Shop	
Practical Training		Class activity	<input checked="" type="checkbox"/>
Laboratory		Case Study	
Seminar		Other assignments/homework	<input checked="" type="checkbox"/>

4) Facilities and Teaching Materials : please check <input checked="" type="checkbox"/>		
Totally adequate	<input checked="" type="checkbox"/>	
Adequate to some extent	<input type="checkbox"/>	
Inadequate	<input type="checkbox"/>	
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( <input type="checkbox"/> ) academic staff	( <input type="checkbox"/> ) non- academic staff	( <input type="checkbox"/> ) teaching accommodation
( <input type="checkbox"/> ) library	( <input type="checkbox"/> ) laboratories	( <input type="checkbox"/> ) IT facility

5) Administrative Constrain	
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6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 2013/2014 AD		
Action required	Completion date	Person responsible

Course coordinator

Signature

**Dr. / Abo Elmahasen Elahnfy**

Date / / 2014



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Hydraulic systems</b>			Code	<b>MPE 327B</b>
Department offering the course	Mechanical power Eng.			Level	3 <sup>rd</sup> year
Programme on which the course is given B. Sc in	Electrical Engineering				
Department(s) offering the programme	Mech Power. Eng. Dept.				
Academic year	2013 /2014 AD		Semester	( ) First, (√) Second	
Start data	10/3 /20 14 AD		End date	30/5 /2014 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	2	2	0	4	
Are there any difference between these figures and those specified? ( ) Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) <b>Dr. Samy El-Behery</b> 2) <b>Dr. Mohamad Abdelaziz</b> 3)			
Members of course examination committee.		1) <b>Dr. Samy El-Behery</b> 2) <b>Dr. Mohamad Abdelaziz</b> 3) <b>Dr. Aboelmhasen Elhanfy</b>			
Dates of meeting of course examination committee.		/ / 2014			
Course coordinator	<b>Dr. Samy El-Behery</b>				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course			
33				33			
Results of completing students		Passed		No.	26	Failed	No.
				%	78.8		%
							7
							21.2
Grading of completing students (of total pass)							
Excellent	No.	3	Very	No.	2	Good	No.
	%	11.54	Good	%	7.7		%
							5
							19.23
						Pass	No.
							16
							%
							61.53
Are the grades acceptable? (√) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)							



### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ) 100 % (  $\checkmark$  )  $< 100\%$

If the percentage is less than 100%, please give reasons for not teaching any topic:

1) The lecture hall did not equipped by data show, and much time consumed in illustration using traditional method (board).

2)

3)

Referring to the course specification, please list any ILO's specified but not taught.

1) b1-3 Design control system using hydraulic power.

2)

3)

#### 2) Student assessment

Assessment Method	Mark	Percentage
Final Examination (written)	70	70 %
End of term assessment (Oral)	5	5 %
End of term laboratory examination (Lab)	0	0 %
Laboratory reports	0	0 %
Quiz Assessment (Term Work))	10	10 %
Mid term written exam 2 (Term Work)	10	5%
Tutorial and report assessment (Term Work)	5	5 %
Total	100	100 %

#### 3 ) Teaching and Learning Methods : ( please check $\checkmark$ or X)

Lectures	$\checkmark$	Work Shop	
Practical Training	$\checkmark$	Class activity	$\checkmark$
Laboratory		Case Study	
Seminar		Other assignments/homework	$\checkmark$

#### 4) Facilities and Teaching Materials : please check $\checkmark$

Totally adequate		
Adequate to some extent	$\checkmark$	
Inadequate		
Reasons of your choice: please check $\checkmark$		
( ) academic staff	( ) non- academic staff	( $\checkmark$ ) teaching accommodation
( $\checkmark$ ) library	( ) laboratories	( $\checkmark$ ) IT facility

#### 5) Administrative Constrain

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6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 2013 /2014 AD		
Action required	Completion date	Person responsible
Supply the lecture hall by data show		Head of electrical Engineering department

Course coordinator

Signature

**Dr. Samy El-Behery**  
**Dr. Mohamad Abdelaziz**

Date / / 2014



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Internal combustion engine(2)</b>			Code	MPE 411
Department offering the course	Mechanical power			Level	Under graduate
Programme on which the course is given	B.Sc in Mech Power. Eng.				
Department(s) offering the programme	Mech Power. Eng. Dept.				
Academic year	2013/2014	AD	Semester	(√) First, ( ) Second	
Start date	9/2013	AD	End date	01 /2014 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	3	2	1	6	
Are there any difference between these figures and those specified? ( ) Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) Dr. Awad Rashad Syam 2) 3)				
Members of course examination committee.	1) Dr. Awad Rashad Syam 2) Dr. Elsaid Farag 3) A. Prof. Mostafa Ahmed Abdel-Baky				
Dates of meeting of course examination committee.					
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
214				211							
Results of completing students		Passed	No.	207	Failed	No.	4				
			%	98.1		%	1.9				
Grading of completing students (of total pass)											
Excellent	No.	8	Very	No.	9	Good	No.	41	Pass	No.	149
	%	3.79	Good	%	4.27		%	19.43		%	70.62
Are the grades acceptable? (√) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											



### C) Professional Information

1) Course teaching

Topics taught as a percentage of those specified: ( 0 ) 100 % ( ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

1) The lectures and tutorial hours are not enough.

2)

3)

Referring to the course specification, please list any ILO's specified but not taught.

1)

2)

3)

2) Student assessment		
Method of assessment	mark	% of total
Final term examination	90	60
Mid term examination	15	10
Oral examination	15	10
Practical / Laboratory examination.	15	10
Semester work	7.5	5
Other types of assessment	7.5	5
Total	100	100 %

3 ) Teaching and Learning Methods : ( please check <input checked="" type="checkbox"/> or X)			
Lectures	<input checked="" type="checkbox"/>	Work Shop	
Practical Training		Class activity	<input checked="" type="checkbox"/>
Laboratory	<input checked="" type="checkbox"/>	Case Study	<input checked="" type="checkbox"/>
Seminar	<input checked="" type="checkbox"/>	Other assignments/homework	<input checked="" type="checkbox"/>

4) Facilities and Teaching Materials : please check ☒

Totally adequate	<input type="checkbox"/>	
Adequate to some extent	<input type="checkbox"/>	
Inadequate	<input checked="" type="checkbox"/>	

Reasons of your choice: please check ☒

( <input checked="" type="checkbox"/> ) academic staff	( ) non- academic staff	( ) teaching accommodation
( ) library	( <input checked="" type="checkbox"/> ) laboratories	( ) IT facility

5) Administrative Constrain





6) Student evaluation of Course	Comments of Course Team
The course has gratification of all students but the lectures hours should be increased to cover more than the specified course as it is very important for the engineers after graduation.	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (✓ or X)	Reasons

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator

Signature

Dr. Awad Rashad syam

Date:



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Steam and Gas Turbine</b>			Code	MPE 413
Department offering the course	Mech Power. Eng.			Level	2 <sup>nd</sup>
Programme on which the course is given	B.Sc in Mech Power. Eng.				
Department(s) offering the programme	Mech Power. Eng. Dept.				
Academic year	2013 /20 14	AD	Semester	( ) First, ( <input checked="" type="checkbox"/> ) Second	
Start data	2 /20 13 AD		End date	5/2014	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	3	2	1	6	
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) Prof Dr. Taher I. Sabry			
		2) Dr. Mohammed Abdel Aziz			
		3)			
Members of course examination committee.		1) Prof Dr. Taher I. Sabry			
		2) Dr. Mohammed Abdel Aziz			
		3) Dr. Ahmed Rafat			
		4) Dr. Esam M.Wahba			
Dates of meeting of course examination committee.			1/6/2012		
Course coordinator		Prof.Dr. Sobih M. Selim			
External evaluator		Prof Dr. Galal Rabiea			

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
214				211							
Results of completing students		Passed	No.	207	Failed	No.	4				
			%	98.1		%	1.9				
Grading of completing students (of total pass)											
Excellent	No.	16	Very Good	No.	71	Good	No.	61	Pass	No.	59
	%	7.58		%	33.65		%	28.91		%	27.96
Are the grades acceptable? ( <input checked="" type="checkbox"/> ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											



### C) Professional Information

1) Course teaching

Topics taught as a percentage of those specified: (✓) 100 % ( ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

1) Experimental lab facility

2)

3)

Referring to the course specification, please list any ILO's specified but not taught.

1)

2) NON

3)

2) Student assessment		
Method of assessment	mark	% of total
Final term examination	90	60
Mid term examination	15	10
Oral examination	15	10
Practical / Laboratory examination.	10	6.67
Semester work	10	6.67
Other types of assessment	10	6.67
Total	150	100 %

3 ) Teaching and Learning Methods : ( please check ✓ or X)			
Lectures	✓	Work Shop	
Practical Training		Class activity	
Laboratory		Case Study	
Seminar	-	Other assignments/homework	✓

4) Facilities and Teaching Materials : please check ✓		
Totally adequate		Needs to laptop
Adequate to some extent	✓	
Inadequate		
Reasons of your choice: please check ✓		
(    )academic staff	(    )non- academic staff	(    )teaching accommodation
(    ) library	(    ✓) laboratories	(    ✓) IT facility

5) Administrative Constrain



6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons
Page on face bak	√	
Wib site	√	

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible
Supply laptop		

Course coordinator	Signature
Prof Dr. Taher I. Sabry Prof Dr. Ahmed S. Hegazy Dr. Mohammed Abdel Aziz	



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Control of hydraulic and pneumatic power</b>			Code	MPE 414 A
Department offering the course	Mech Power. Eng.			Level	4 <sup>th</sup>
Programme on which the course is given	B.Sc in Mech Power. Eng.				
Department(s) offering the programme	Mech Power. Eng.				
Academic year	2013 / 2014	AD	Semester	( <input checked="" type="checkbox"/> ) First, ( ) Second	
Start date	/ 9 / 2013	AD	End date	/ 1 / 2014 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	2	1	1	4	
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) Assoc. Prof. Wageeh El-Askary 2) Dr. Mohamed Abdelaziz 3)				
Members of course examination committee.	1) Assoc. Prof. Wageeh El-Askary 2) Dr. Mohamed Abdelaziz 3) Prof. Dr . Kamal A. Ibrahim				
Dates of meeting of course examination committee.					
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
73				72							
Results of completing students		Passed	No.	71	Failed	No.	1				
			%	98.61		%	1.39				
Grading of completing students (of total pass)											
Excellent	No.	4	Very Good	No.	19	Good	No.	23	Pass	No.	26
	%	5.56		%	26.39		%	31.94		%	36.11
Are the grades acceptable? ( <input checked="" type="checkbox"/> ) Yes, ( ) No. If no, please give the reasons. 1) 2)											



3)

### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: (✓) 100 % ( ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1) B14-1: set-up condct intrpret fire tube boiler performance experiments.
- 2) C 15-1 : write computer programs pertaining to thermal power plants.
- 3)

Assessment Method	Mark	Percentage	week
Final Examination (written)	60	60 %	16 <sup>th</sup>
End of term assessment (Oral)	10	10 %	15th
End of term laboratory examination (Lab)	5	5 %	15th
Laboratory reports	5	5 %	Every 3 weeks
Quiz Assessment (Term Work))	7	7 %	Every 3 weeks
Mid term written exam 2 (Term Work)	8	8%	8 <sup>th</sup>
Tutorial and report assessment (Term Work)	5	5 %	weakly
Total	100	100 %	

#### 3 ) Teaching and Learning Methods : ( please check ✓ or X)

Lectures	✓	Work Shop	
Practical Training	✓	Class activity	✓
Laboratory	✓	Case Study	
Seminar	✓	Other assignments/homework	✓

#### 4) Facilities and Teaching Materials : please check ✓

Totally adequate	
Adequate to some extent	✓
Inadequate	



Reasons of your choice: please check  $\checkmark$

( ) academic staff	( ) non- academic staff	( ) teaching accommodation
( $\checkmark$ ) library	( $\checkmark$ ) laboratories	( $\checkmark$ ) IT facility

5) Administrative Constrain

6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed ( $\checkmark$ or X)	Reasons

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator

Signature

Assoc. Prof. Wageeh El-Askary  
Dr. Mohamed Abdelaziz

Date





## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Design of refrigeration and air conditioning devices</b>			Code	MPE414B
Department offering the course	Mechanical power			Level	4
Programme on which the course is given	B.Sc in Mech Power. Eng.				
Department(s) offering the programme	Mech Power. Eng. Dept.				
Academic year	2013/2014	AD	Semester	(√) First, ( ) Second	
Start date	9/2013	AD	End date	01 /2014 AD	
Actual taught hours	Lecture 2	Tutorial 1	Lab. 1	Total 4	
Are there any difference between these figures and those specified? ( ) Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) A. Prof. Mostafa Ahmed Abdel-Baky 2) Prof. Mousa Mouhamed Mousa 3)				
Members of course examination committee.	1) A. Prof. Mostafa Ahmed Abdel-Baky 2) Prof. Mousa Mouhamed Mousa 3) Prof. Sobeih Mohamed Seleim 4) Prof. Safwat Mohamed Badrah				
Dates of meeting of course examination committee.	20-12-2011, 10-1-2012, 25-1-2012.				
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
86				86							
Results of completing students		Passed	No.	84	Failed	No.	2				
			%	97.67		%	2.33				
Grading of completing students (of total pass)											
Excellent	No.	15	Very Good	No.	32	Good	No.	24	Pass	No.	13
	%	17.44		%	37.21		%	27.91		%	15.12
Are the grades acceptable? (√) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											



### C) Professional Information

1) Course teaching
Topics taught as a percentage of those specified: ( 90 ) 100 % ( <input checked="" type="checkbox"/> ) < 100%
If the percentage is less than 100%, please give reasons for not teaching any topic:
1) The lectures and tutorial hours are not enough.
2)
3)
Referring to the course specification, please list any ILO's specified but not taught.
1)
2)
3)

2) Student assessment		
Method of assessment	mark	% of total
Final term examination	60	60
Mid term examination	10	10
Oral examination	10	10
Practical / Laboratory examination.	10	10
Semester work	5	5
Other types of assessment	5	5
Total	100	100 %

3 ) Teaching and Learning Methods : ( please check <input checked="" type="checkbox"/> or X)			
Lectures	<input checked="" type="checkbox"/>	Work Shop	<input checked="" type="checkbox"/>
Practical Training	<input checked="" type="checkbox"/>	Class activity	<input checked="" type="checkbox"/>
Laboratory	<input checked="" type="checkbox"/>	Case Study	<input checked="" type="checkbox"/>
Seminar	<input checked="" type="checkbox"/>	Other assignments/homework	<input checked="" type="checkbox"/>

4) Facilities and Teaching Materials : please check <input checked="" type="checkbox"/>		
Totally adequate	<input checked="" type="checkbox"/>	
Adequate to some extent	<input type="checkbox"/>	
Inadequate	<input type="checkbox"/>	
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( <input checked="" type="checkbox"/> ) academic staff	( <input type="checkbox"/> ) non- academic staff	( <input type="checkbox"/> ) teaching accommodation
( <input type="checkbox"/> ) library	( <input type="checkbox"/> ) laboratories	( <input type="checkbox"/> ) IT facility

5) Administrative Constrains	
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6) Student evaluation of Course	Comments of Course Team
The course has gratification of all students but I)	



the lectures hours should be increased to cover  
more than the specified course as it is very  
important for the engineers after graduation.

2)  
3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (✓ or X)	Reasons

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator

Dr. Mostafa Ahmed Abdel-Baky

Signature

Date: 30/1/2012



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Design and Operation of Thermal Power Plants</b>			Code	MPE423b
Department offering the course	Mech Power. Eng.			Level	4 <sup>th</sup> year
Programme on which the course is given	B.Sc in Mech. Power Eng.				
Department(s) offering the programme	Mech Power. Eng. Dept.				
Academic year	2013 /2014	AD	Semester	( ) First, (√) Second	
Start data	/2 /2014	AD	End date	/6 /20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	3	2	1	6	
Are there any difference between these figures and those specified? ( ) Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) Prof. Dr. Nabil H. Mahmoud 2) Dr. Ashraf Amin Hussin 3)			
Members of course examination committee.		1) Prof. Dr. Nabil H. Mahmoud 2) Dr. Ashraf Amin Hussin 3) Dr. Awatef El-Batawy 4) Prof. Mousa Mohamed Mousa			
Dates of meeting of course examination committee.					
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course					No. of students completing the course						
87					87						
Results of completing students			Passed	No.	85	Failed	No.	2			
				%	97.7		%	2.3			
Grading of completing students (of total pass)											
Excellent	No.	1	Very Good	No.	7	Good	No.	31	Pass	No.	46
	%	1.15		%	8.05		%	35.63		%	52.87
Are the grades acceptable? ( ✓ ) Yes, (   ) No. If no, please give the reasons.											
1)											



2)  
3)

### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ☒ ) 100 % ( ☐ ) < 100%  
If the percentage is less than 100%, please give reasons for not teaching any topic:

1)  
2)  
3)

Referring to the course specification, please list any ILO's specified but not taught.

1)  
2)  
3)

#### 2) Student assessment

Method of assessment	mark	% Of total
Assessment Method	Mark	Percentage
Final Examination (written)	90	60 %
End of term assessment (Oral)	10	6.66 %
End of term laboratory examination (Lab)	10	6.66 %
Laboratory reports	5	3.33 %
Quiz Assessment (Term Work))	15	10 %
Mid term written exam 2 (Term Work)	15	10%
Tutorial and report assessment (Term Work)	5	3.33 %
Total	150	100%

#### 3 ) Teaching and Learning Methods : ( please check ☒ or X)

Lectures	<input checked="" type="checkbox"/>	Work Shop	<input type="checkbox"/>
Practical Training	<input checked="" type="checkbox"/>	Class activity	<input checked="" type="checkbox"/>
Laboratory	<input checked="" type="checkbox"/>	Case Study	<input checked="" type="checkbox"/>
Seminar	<input type="checkbox"/>	Other assignments/homework	<input checked="" type="checkbox"/>

#### 4) Facilities and Teaching Materials : please check ☒

Totally adequate	<input type="checkbox"/>
Adequate to some extent	<input checked="" type="checkbox"/>
Inadequate	<input type="checkbox"/>
Reasons of your choice: please check <input checked="" type="checkbox"/>	



( ) academic staff	( ) non- academic staff	( ) teaching accommodation
( ) library	(√ ) laboratories	(√ ) IT facility

5) Administrative Constrain	
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6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator

Signature

Prof. Dr. Nabil H. Mahmoud  
Dr. Ashraf Amin Hussin

Date



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Steam and Gas Turbine Design</b>			Code	MPE 424B
Department offering the course	Mech. Power Eng.			Level	4 <sup>rd</sup> Year
Programme on which the course is given	B.sc in Mech. Power Eng.				
Department(s) offering the programme	Mech. Power Eng. Dept.				
Academic year	2013 / 2014 AD		Semester	( ) First, ( <input checked="" type="checkbox"/> ) Second	
Start data	/ 02 / 2014 AD	End date	/ 06 / 20 14 AD		
Actual taught hours	Lecture 3	Tutorial 2	Lab. 1	Total 6	
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) Prof. Dr. Taher I. Sabry 2) Dr. Awatif El-Batawy 3) Dr. Hamdy Kotb Mostafa				
Members of course examination committee.	1) Prof. Dr. Taher I. Sabry 2) Dr. Awatif El-Batawy 3) Dr. Hamdy Kotb Mostafa 4) Prof. Nabil Hanafi Mahmoud				
Dates of meeting of course examination committee.					
Course coordinator	Prof. Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
85				85							
Results of completing students		Passed	No.	84	Failed	No.	1				
			%	98.82		%	1.18				
Grading of completing students (of total pass)											
Excellent	No.	1	Very Good	No.	11	Good	No.	32	Pass	No.	40
	%	1.18	Good	%	12.94		%	37.65		%	47.06
Are the grades acceptable? ( <input checked="" type="checkbox"/> ) Yes, ( ) No. If no, please give the reasons. 1) 2)											





3)

### C) Professional Information

1) Course teaching
Topics taught as a percentage of those specified: ( <input checked="" type="checkbox"/> ) 100 % ( <input type="checkbox"/> ) < 100%
If the percentage is less than 100%, please give reasons for not teaching any topic:
1)
2)
3)
Referring to the course specification, please list any ILO's specified but not taught.
1)
2)
3)

2) Student assessment		
Method of assessment	mark	% of total
Final term examination	90	60
Mid term examination	10	6.66
Oral examination	100	6.66
Practical / Laboratory examination.	5	3.33
Semester work	15	10
Other types of assessment	15	10
Total	5	3.33 %

3 ) Teaching and Learning Methods : ( please check <input checked="" type="checkbox"/> or X)			
Lectures	<input checked="" type="checkbox"/>	Work Shop	X
Practical Training	<input checked="" type="checkbox"/>	Class activity	<input checked="" type="checkbox"/>
Laboratory	<input checked="" type="checkbox"/>	Case Study	<input checked="" type="checkbox"/>
Seminar	X	Other assignments/homework	<input checked="" type="checkbox"/>

4) Facilities and Teaching Materials : please check <input checked="" type="checkbox"/>		
Totally adequate	<input type="checkbox"/>	
Adequate to some extent	<input checked="" type="checkbox"/>	
Inadequate	<input type="checkbox"/>	
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( <input type="checkbox"/> ) academic staff	( <input type="checkbox"/> ) non- academic staff	( <input type="checkbox"/> ) teaching accommodation
( <input type="checkbox"/> ) library	( <input type="checkbox"/> ) laboratories	( <input checked="" type="checkbox"/> ) IT facility





5) Administrative Constrain

6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons
Renewable Energy	X	I don't know
Environment lab.		

9) Action Plan For Academic Year 2012 /2013 AD		
Action required	Completion date	Person responsible
-Visit thermal power plants	During term	
- Prepare the labarotary to generating power	At the end	

Course coordinator  
Prof. Dr. Ahamed Sabry Hegazy  
Dr. Ashraf A. Hussien

Sign

Date / /2012



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Design of Internal Combustion Engine Elements</b>			Code	MPE414C
Department offering the course	Mech Power. Eng.			Level	4 <sup>th</sup> year
Programme on which the course is given	Mech. Power Eng.				
Department(s) offering the programme	Mech Power. Eng.				
Academic year	2013 /2014	AD	Semester	(√)First, ( )Second	
Start data	/9 /2013	AD	End date	/1 /20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	2	1	1	4	
Are there any difference between these figures and those specified? ( ) Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) Dr. Safwat Abdelmeseh wilson 2) Dr. Awad Rashad Syam 3)			
Members of course examination committee.		1) Prof.Dr. Sobih M. Selim 2) Dr. Safwat Abdelmeseh wilson 3) Dr. Awad Rashad Syam 4) Dr. Gaber M. Meligy			
Dates of meeting of course examination committee.					
Course coordinator		Prof.Dr. Sobih M. Selim			
External evaluator		Prof Dr. Galal Rabiea			

### B) Statistical Information

No. of students starting the course				No. of students completing the course			
44				44			
Results of completing students		Passed	No. 44 % 100	Failed	No. 0 % 0		
Grading of completing students (of total pass)							
Excellent	No. 3 % 6.8	Very Good	No. 6 % 13.6	Good	No. 9 % 20.4	Pass	No. 26 % 59
Are the grades acceptable? (√ ) Yes, ( ) No. If no, please give the reasons. 1) 2)							



3)

### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ☒ ) 100 % ( ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)
- 2)
- 3)

#### 2) Student assessment

Method of assessment	mark	% Of total
Final exam (Written)	60	60
End of term assessment (Oral)	20	20
Laboratory assessment (Lab)	4	4
Quiz Assessment (Term Work)	4	4
Mid term written exam 2 (Term Work)	6	6
Tutorial and report assessment (Term Work)	6	6
Total	100	100

#### 3 ) Teaching and Learning Methods : ( please check ☒ or X)

Lectures	<input checked="" type="checkbox"/>	Work Shop	
Practical Training	<input checked="" type="checkbox"/>	Class activity	<input checked="" type="checkbox"/>
Laboratory	<input checked="" type="checkbox"/>	Case Study	<input checked="" type="checkbox"/>
Seminar		Other assignments/homework	<input checked="" type="checkbox"/>

#### 4) Facilities and Teaching Materials : please check ☒

Totally adequate	
Adequate to some extent	<input checked="" type="checkbox"/>
Inadequate	
Reasons of your choice: please check <input checked="" type="checkbox"/>	
( ) academic staff	( ) non- academic staff
( ) library	( ) laboratories
	( <input checked="" type="checkbox"/> ) teaching accommodation
	( ) IT facility



5) Administrative Constrain	
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6) Student evaluation of Course	Comments of Course Team
	1)
	2)
	3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator  
Dr. Hanafy Mohamad Shabana

Signature

Date



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Hydraulic Systems</b>			Code	MPE421
Department offering the course	Mech Power. Eng.			Level	4 <sup>th</sup> year
Programme on which the course is given	Mech. Power Eng.				
Department(s) offering the programme	Mech Power. Eng.				
Academic year	2013 /20 14	AD	Semester	( )First, ( <input checked="" type="checkbox"/> )Second	
Start data	0 /2 /2013	AD	End date	0 /6 /20 14 AD	
Actual taught hours	Lecture 4	Tutorial 1	Lab. 1	Total 6	
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) Dr. Mohamad Abdel Aziz 2) Dr. Esam M.Wahba 3)				
Members of course examination committee.	1) Dr. Mohamad Abdel Aziz 2) Prof. Mousa Mohamed Mousa 3) Dr. Esam M.Wahba 4) Dr. Abo Elmahasen M. Elhanfy				
Dates of meeting of course examination committee.					
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course					No. of students completing the course						
205					201						
Results of completing students				Passed	No.	196		Failed	No.	5	
					%	97.5			%	2.48	
Grading of completing students (of total pass)											
Excellent	No.	8	Very Good	No.	25	Good	No.	60	Pass	No.	103
	%	3.98		%	12.4		%	29.8		%	51.24



Are the grades acceptable? (✓) Yes, ( ) No. If no, please give the reasons.

- 1)
- 2)
- 3)

### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: (✓) 100 % ( ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)
- 2)
- 3)

#### 2) Student assessment

Method of assessment	mark	% Of total
Final Examination (written)	90	60 %
End of term assessment (Oral)	15	10 %
End of term laboratory examination (Lab)	7.5	5 %
Laboratory reports	7.5	5 %
Quiz Assessment (Term Work))	10	7 %
Mid term written exam 2 (Term Work)	12.5	8%
Tutorial and report assessment (Term Work)	7.5	5 %

#### 3 ) Teaching and Learning Methods : ( please check ✓ or X)

Lectures	✓	Work Shop	
Practical Training		Class activity	✓
Laboratory	✓	Case Study	
Seminar		Other assignments/homework	✓

#### 4) Facilities and Teaching Materials : please check ✓

Totally adequate	
Adequate to some extent	✓
Inadequate	
Reasons of your choice: please check ✓	



( ) academic staff	( ) non- academic staff	( ) teaching accommodation
(√ ) library	( √ ) laboratories	( ) IT facility

5) Administrative Constrain	
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6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator  
Dr. Mohamad Abdel Aziz  
Date

Signature



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Automatic Control</b>			Code	MPE422
Department offering the course	Mechanical power Eng.			Level	Fourth year
Programme on which the course is given	Mechanical power Eng.				
Department(s) offering the programme	Mechanical power Eng.				
Academic year	20 13 / 2014 AD		Semester	( ) First, ( <input checked="" type="checkbox"/> ) Second	
Start data	12 / 2 / 2013 AD		End date	21 / 5 / 20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	4	1	1	6	
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) Prof. Safwat M. Badra 2) Dr. Ashraf Amin Hussin 3)				
Members of course examination committee.	1) Prof. Dr. Safwat M. Badra 2) Dr. Ashraf Amin Hussin 3) Dr. Hamdy Kotb Mostafa 4) Dr. Samy El-Behery				
Dates of meeting of course examination committee.					
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
203				202							
Results of completing students		Passed	No.	198	Failed	No.	4				
			%	98		%	1.98				
Grading of completing students (of total pass)											
Excellent	No.	3	Very	No.	20	Good	No.	55	Pass	No.	120
	%	1.48	Good	%	9.9		%	27.22		%	59.4
Are the grades acceptable? ( * ) Yes, ( ) No. If no, please give the reasons.											





- 1)
- 2)
- 3)

### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ☒ ) 100 % ( ☐ ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)
- 2)
- 3)

#### 2) Student assessment

Method of assessment	mark	% of total
Final term examination	90	60
Mid term examination		
Oral examination	30	20
Practical / Laboratory examination.	20	15
Semester work	10	5
Other types of assessment		
Total	150	100 %

#### 3 ) Teaching and Learning Methods : ( please check ☒ or X)

Lectures	<input checked="" type="checkbox"/>	Work Shop	<input type="checkbox"/>
Practical Training	<input checked="" type="checkbox"/>	Class activity	<input checked="" type="checkbox"/>
Laboratory	<input checked="" type="checkbox"/>	Case Study	<input checked="" type="checkbox"/>
Seminar	<input type="checkbox"/>	Other assignments/homework	<input checked="" type="checkbox"/>

#### 4) Facilities and Teaching Materials : please check ☒

Totally adequate	<input type="checkbox"/>
Adequate to some extent	<input checked="" type="checkbox"/>
Inadequate	<input type="checkbox"/>
Reasons of your choice: please check <input checked="" type="checkbox"/>	
( <input type="checkbox"/> ) academic staff	( <input type="checkbox"/> ) non- academic staff
( <input type="checkbox"/> ) library	( <input checked="" type="checkbox"/> ) laboratories
	( <input checked="" type="checkbox"/> ) teaching accommodation
	( <input type="checkbox"/> ) IT facility



5) Administrative Constrain

6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons
Renewable energy	X	I do not know
Environment lab,		

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator  
Prof. Dr. Safwat M. Badra

Signature

Date



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Unsteady Fluid Dynamics</b>			Code	MPE423A
Department offering the course	Mech Power. Eng.			Level	4th year
Programme on which the course is given	Mech Power. Eng. Dept.				
Department(s) offering the programme	Mech Power. Eng. Dept.				
Academic year	2013 / 2014	AD	Semester	( ) First, ( <input checked="" type="checkbox"/> ) Second	
Start data	22 / 2 / 2013	AD	End date	31/5/2014	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	3	3	-	6	
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) Prof. Dr. Mostafa Naser Mohammed 2) Prof. Dr. Wageih Ahmed Elaskary 3)				
Members of course examination committee.	1) Prof. Dr. Mostafa Naser Mohammed 2) Prof. Dr. Wageih Ahmed Elaskary 3) Dr. Mohamad Abdel Aziz 4) Dr. ismail sakr				
Dates of meeting of course examination committee.	10/6/2012				
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
68				68							
Results of completing students		Passed	No.	68	Failed	No.	0				
			%	100		%	0				
Grading of completing students (of total pass)											
Excellent	No.	11	Very Good	No.	15	Good	No.	23	Pass	No.	19
	%	16.17		%	22		%	33.8		%	27.9
Are the grades acceptable? ( <input checked="" type="checkbox"/> ) Yes, ( ) No. If no, please give the reasons.											



- 1)
- 2)
- 3)

### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: (✓) 100 % ( ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)
- 2) NON
- 3)

#### 2) Student assessment

Method of assessment	mark	% of total
Final term examination		
Mid term examination		
Oral examination		
Practical / Laboratory examination.		
Semester work		
Other types of assessment		
Total	150	100 %

#### 3 ) Teaching and Learning Methods : ( please check ✓ or X)

Lectures	✓	Work Shop	
Practical Training	✓	Class activity	✓
Laboratory	✓	Case Study	
Seminar	-	Other assignments/homework	✓

#### 4) Facilities and Teaching Materials : please check ✓

Totally adequate	
Adequate to some extent	✓
Inadequate	
Reasons of your choice: please check ✓	
( ) academic staff	( ) non- academic staff
( ) teaching accommodation	



( ) library	( ) laboratories	( ) IT facility
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5) Administrative Constrain	
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6) Student evaluation of Course	Comments of Course Team
	1)
	2)
	3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator	Signature
Prof. Dr. Mostafa Naser Mohammed	
Dr . Wageih Ahmed Elaskary	

Date



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Maintenance and Operation of ICE</b>			Code	MPE423C
Department offering the course	Mech Power. Eng.			Level	4 <sup>th</sup> year
Programme on which the course is given	Mech. Power Eng.				
Department(s) offering the programme	Mech Power. Eng.				
Academic year	2013 /2014	AD	Semester	( ) First, ( <input checked="" type="checkbox"/> ) Second	
Start data	/2 /2013	AD	End date	/6 /20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	3	2	1	6	
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) Dr. Gaber Mahmoud Asar 2) Dr. Awad Rashad Syam 3)			
Members of course examination committee.		1) Dr. Gaber Mahmoud Asar 2) Prof. Dr. Mohamad Khalil 3) Dr. Awad Rashad Syam 4) Prof. Dr. Mohamed Abd El-Warth Habib			
Dates of meeting of course examination committee.					
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
45				45							
Results of completing students		Passed	No.	45	Failed	No.	0				
			%	100		%	0				
Grading of completing students (of total pass)											
Excellent	No.	3	Very Good	No.	11	Good	No.	12	Pass	No.	19
	%	6.6		%	24.4		%	26.6		%	42.2
Are the grades acceptable? ( <input checked="" type="checkbox"/> ) Yes, ( ) No. If no, please give the reasons.											



- 1)
- 2)
- 3)

### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ) 100 % (  $\checkmark$  ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)
- 2)
- 3)

#### 2) Student assessment

Method of assessment	mark	% Of total
Final Examination (written)	90	60 %
End of term assessment (Oral)	10	6.67 %
End of term laboratory examination (Lab)	10	6.67%
Mid term written Examination1 (Term Work)	20	13.3%
Mid term written Examination 2 (Term Work)	5	3.34%
Tutorial and report assessment (Term Work)	5	3.34%
Sample homework (projects ) computer and internet search	5	3.34%
Technical laboratory reports	5	3.34%
Total	150	100%

#### 3 ) Teaching and Learning Methods : ( please check $\checkmark$ or X)

Lectures	$\checkmark$	Work Shop	
Practical Training	$\checkmark$	Class activity	$\checkmark$
Laboratory	$\checkmark$	Case Study	$\checkmark$
Seminar		Other assignments/homework	$\checkmark$

#### 4) Facilities and Teaching Materials : please check $\checkmark$

Totally adequate	
Adequate to some extent	$\checkmark$



Inadequate		
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( ) academic staff	( ) non- academic staff	( <input checked="" type="checkbox"/> ) teaching accommodation
( ) library	( ) laboratories	( ) IT facility

5) Administrative Constrains	
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6) Student evaluation of Course	Comments of Course Team
	1)
	2)
	3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed ( <input checked="" type="checkbox"/> or X )	Reasons

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator  
Dr. Hanafy Mohamad Shabana

Signature

Date





## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Elective course - Environmental Engineering</b>			Code	MPE 424 A
Department offering the course	Mechanical power Eng.			Level	Fourth year
Programme on which the course is given	Mechanical power Eng.				
Department(s) offering the programme	Mechanical power Eng.				
Academic year	20 13 / 2014 AD		Semester	( ) First, ( <input checked="" type="checkbox"/> ) Second	
Start data	2 / /2013 AD		End date	/6 /20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	3	2	1	6	
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) Dr. Ahmed El-Haroun 2) Prof. Dr. Nabil H. Mahmoud			
Members of course examination committee.		1) Dr. Ahmed El-Haroun 2) Prof. Dr. Nabil H. Mahmoud 3) Prof.Dr. fathy M. Mahfouz 4) Dr. Mohamad Abdel Aziz			
Dates of meeting of course examination committee.					
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
71				70							
Results of completing students		Passed	No.	70	Failed	No.	0				
			%	100		%	0				
Grading of completing students (of total pass)											
Excellent	No.	4	Very	No.	11	Good	No.	20	Pass	No.	35
	%	5.7	Good	%	15.7		%	28.6		%	50
Are the grades acceptable? ( * ) Yes, ( ) No. If no, please give the reasons. 1)											



- 2)  
3)

### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ☒ ) 100 % ( ☐ ) < 100%  
If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)  
2)  
3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)  
2)  
3)

#### 2) Student assessment

Method of assessment	mark	% of total
Final term examination	90	60
Mid term examination	15	10
Oral examination	15	10
Practical / Laboratory examination.	15	10
Semester work	7.5	5
Other types of assessment	7.5	5
Total	150	100 %

#### 3) Teaching and Learning Methods : ( please check ☒ or X)

Lectures	<input checked="" type="checkbox"/>	Work Shop	<input checked="" type="checkbox"/>
Practical Training	<input checked="" type="checkbox"/>	Class activity	<input checked="" type="checkbox"/>
Laboratory	<input type="checkbox"/>	Case Study	<input type="checkbox"/>
Seminar	<input checked="" type="checkbox"/>	Other assignments/homework	<input checked="" type="checkbox"/>

#### 4) Facilities and Teaching Materials : please check ☒

Totally adequate	<input type="checkbox"/>
Adequate to some extent	<input checked="" type="checkbox"/>
Inadequate	<input type="checkbox"/>
Reasons of your choice: please check <input checked="" type="checkbox"/>	
( <input type="checkbox"/> ) academic staff	( <input type="checkbox"/> ) non- academic staff
( <input type="checkbox"/> ) library	( <input checked="" type="checkbox"/> ) laboratories
	( <input checked="" type="checkbox"/> ) teaching accommodation
	( <input type="checkbox"/> ) IT facility

#### 5) Administrative Constrain



6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (✓ or X)	Reasons
Renewable energy	X	I do not know
Environment lab,		

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator  
Prof. Dr. / Ahmed A Elharon

Signature

Date



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Fuel Systems in ICE</b>			Code	MPE424C
Department offering the course	Mech Power. Eng.			Level	4 <sup>th</sup> year
Programme on which the course is given	Mech. Power Eng.				
Department(s) offering the programme	Mech Power. Eng.				
Academic year	2013 /2014	AD	Semester	( ) First, ( <input checked="" type="checkbox"/> ) Second	
Start data	/2 /2013	AD	End date	/6 /20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	3	2	1	6	
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	1) Dr. Safwat Abdelmeseh wilson 2) Dr. Awad Rashad Syam 3)				
Members of course examination committee.	1) Dr. Safwat Abdelmeseh Wilson 2) Dr. Awad Rashad Syam 3) Dr. Gaber Mahmoud Asar 4) Prof Dr .Taher I Sabry				
Dates of meeting of course examination committee.					
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course			
46				46			
Results of completing students		Passed	No.	45	Failed	No.	1
			%	97.8		%	2.17
Grading of completing students (of total pass)							
Excellent	No.	1	Very Good	No.	2	Good	No.
	%	2.17		%	4.347		%
						Pass	No.
							28
							%
							60.86
Are the grades acceptable? ( <input checked="" type="checkbox"/> ) Yes, ( ) No. If no, please give the reasons. 1) 2)							



3)

### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ) 100 % (  $\checkmark$  ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)
- 2)
- 3)

#### 2) Student assessment

Method of assessment	mark	% Of total
Final exam (Written)	90	60
End of term assessment (Oral)	30	20
Laboratory assessment (Lab)	6	4
Quiz Assessment (Term Work)	6	4
Mid term written exam 2 (Term Work)	9	6
Tutorial and report assessment (Term Work)	9	6
Total	150	100

#### 3 ) Teaching and Learning Methods : ( please check $\checkmark$ or X)

Lectures	$\checkmark$	Work Shop	
Practical Training	$\checkmark$	Class activity	$\checkmark$
Laboratory	$\checkmark$	Case Study	$\checkmark$
Seminar		Other assignments/homework	$\checkmark$

#### 4) Facilities and Teaching Materials : please check $\checkmark$

Totally adequate	
Adequate to some extent	$\checkmark$
Inadequate	
Reasons of your choice: please check $\checkmark$	
( ) academic staff	( ) non- academic staff
( ) library	( ) laboratories
	( $\checkmark$ ) teaching accommodation
	( ) IT facility



5) Administrative Constrain	
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6) Student evaluation of Course	Comments of Course Team
	1)
	2)
	3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator

Dr. Safwat Abdelmeseh wilson

Date

Signature





## ANNUAL COURSE REPORT

### A) Administrative Information

MPE211	Code	<b>Thermodynamic (2)</b>		Course Title
2 <sup>nd</sup> year	Level	Mech Power. Eng.	Department offering the course	
Mech Power. Eng. Dept.		Programme on which the course is given		
Mech Power. Eng. Dept.		Department(s) offering the programme		
( <input checked="" type="checkbox"/> ) First, ( <input type="checkbox"/> ) Second	Semester	2013 /2014	AD	Academic year
26/12/2013	End date	/10 /20 13	AD	Start data
Total	Lab.	Tutorial	Lecture	
7	1	2	4	
Are there any difference between these figures and those specified? ( <input type="checkbox"/> ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)				
Prof Prof. Ali Elghalban		1)		
Dr. El- Said H. Farg		2)		
		3)		
Prof Dr Prof. Ali Elghalban		1)		
Dr. El- Said H. Farg		2)		
Dr. Ahmed El-Said hanfy .		3)		
1/1/2014		Dates of meeting of course examination committee.		
Prof Prof. Ali Elghalban		Course coordinator		
Prof Dr. Mostafa Ahmed Ismaiel		External evaluator		

### B) Statistical Information

No. of students completing the course					No. of students starting the course					
199					202					
29	No.		170	No.						
14.57	%		85.43	%						
Grading of completing students (of total pass)										
82	No.		45	No.		29	No.		14	No.
41.21	%		22.61	%		14.57	%		7.04	%
Are the grades acceptable? ( <input checked="" type="checkbox"/> ) Yes, ( <input type="checkbox"/> ) No. If no, please give the reasons. 1) 2) 3)										





### C) Professional Information

1) Course teaching

Topics taught as a percentage of those specified: ( ☒ ) 100 % ( ☐ ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

Referring to the course specification, please list any ILO's specified but not taught.

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

NON

2) Student assessment		
% of total	mark	Method of assessment
60 %	90	Final Examination (written)
10 %	15	End of term assessment (Oral)
5 %	7.5	End of term laboratory examination (Lab)
5 %	7.5	Laboratory reports
7 %	10	Quiz Assessment (Term Work))
8%	12.5	Mid term written exam 2 (Term Work)
5 %	7.5	Tutorial and report assessment (Term Work)
100 %	150	Total

3 ) Teaching and Learning Methods : ( please check <input checked="" type="checkbox"/> or X)			
<input type="checkbox"/>	Work Shop	<input checked="" type="checkbox"/>	Lectures
<input checked="" type="checkbox"/>	Class activity	<input checked="" type="checkbox"/>	Practical Training
<input type="checkbox"/>	Case Study	<input checked="" type="checkbox"/>	Laboratory
<input checked="" type="checkbox"/>	Other assignments/homework	-	Seminar

4) Facilities and Teaching Materials : please check ☒

	<input type="checkbox"/>	Totally adequate
	<input checked="" type="checkbox"/>	Adequate to some extent
	<input type="checkbox"/>	Inadequate

Reasons of your choice: please check ☒

( <input type="checkbox"/> )teaching accommodation	( <input type="checkbox"/> )non- academic staff	( <input type="checkbox"/> )academic staff
( <input type="checkbox"/> ) IT facility	( <input type="checkbox"/> ) laboratories	( <input type="checkbox"/> ) library

5) Administrative Constrain



Comments of Course Team	6) Student evaluation of Course
1)	
2)	
3)	

Comments of Course Team	7) Comment For External Evaluator(s)
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Reasons	Completed (✓ or X)	Action

9) Action Plan For Academic Year 20 /20 AD		
Person responsible	Completion date	Action required

Course coordinator	Signature
<b>Prof. Ali Elghalban</b>	

Date

## ANNUAL COURSE REPORT



### A) Administrative Information

MPE212	Code	<b>Mechanical Measurements</b>		Course Title
2 <sup>nd</sup> year	Level	Mech Power. Eng.	Department offering the course	
Mech Power. Eng. Dept.		Programme on which the course is given		
Mech Power. Eng. Dept.		Department(s) offering the programme		
( <input checked="" type="checkbox"/> )First, ( <input type="checkbox"/> )Second	Semester	2013 / 2014	AD	Academic year
26/12/2013	End date	/10/2013	AD	Start data
Total	Lab.	Tutorial	Lecture	
7	2	2	3	
Are there any difference between these figures and those specified? ( <input type="checkbox"/> )Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)				
		1) 2) 3)		
Prof Dr.shedeed hasan		1)		
Dr.Ahmad Rafat		2)		
Dr. El- Said H. Farg		3)		
January 2014		Dates of meeting of course examination committee.		
Prof Dr. shedeed hasan			Course coordinator	
Prof Dr. Mostafa Ahmed Ismaiel			External evaluator	

### B) Statistical Information

No. of students completing the course					No. of students starting the course						
200					202						
7	No.		193	No.							
3.5	%		96.5	%							
Grading of completing students (of total pass)											
93	No.		79	No.		19	No.		2	No.	
46.5	%		39.5	%		9.5	%		1.0	%	
Are the grades acceptable? ( <input checked="" type="checkbox"/> ) Yes, ( <input type="checkbox"/> ) No. If no, please give the reasons. 1) 2) 3)											

### C) Professional Information



### 1) Course teaching

Topics taught as a percentage of those specified: (✓) 100 % ( ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

NON

- 1)
- 2)
- 3)

### 2) Student assessment

% of total	mark	Method of assessment
57.00	100	Final term examination
17.18	30	Mid term examination
08.59	15	Oral examination
11.51	20	Practical / Laboratory examination.
02.86	5	Semester work
02.86	5	Other types of assessment
100 %	175	Total

### 3) Teaching and Learning Methods : ( please check ✓ or X)

x	Work Shop	✓	Lectures
✓	Class activity	x	Practical Training
✓	Case Study	✓	Laboratory
✓	Other assignments/homework	✓	Seminar

### 4) Facilities and Teaching Materials : please check ✓

		Totally adequate
	✓	Adequate to some extent
		Inadequate
Reasons of your choice: please check ✓		
( ) teaching accommodation	(✓) non- academic staff	( ) academic staff
(✓) IT facility	( ✓ ) laboratories	( ) library

### 5) Administrative Constrain

Comments of Course Team

6) Student evaluation of Course



1)	
2)	
3)	

Comments of Course Team	7) Comment For External Evaluator(s)
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Reasons	Completed (√ or X)	Action

9) Action Plan For Academic Year 20 /20 AD		
Person responsible	Completion date	Action required

Course coordinator	Signature
<b>Dr. Eamadan Meligy</b>	
Dr.Abdel – Fattah Mahrous	

Date

## ANNUAL COURSE REPORT



### A) Administrative Information

MPE 221	Code	<b>Fluid Mechanics II</b>		Course Title
2 <sup>nd</sup> year	Level	Mech. power Engg.	Department offering the course	
Mechanical power Engg.		Programme on which the course is given		
Mechanical power Engg.		Department(s) offering the programme		
( ) First, (√) Second	Semester	2013 /2014	AD	Academic year
26 / 5 /2014	AD	End date	/ 2 /2014	AD
Total		Lab.	Tutorial	Lecture
8		2	2	4
Are there any difference between these figures and those specified?				
( ) Yes, ( √ ) No. , If yes, please give the reasons:				
1)				
2)				
3)				
1)				
2)				
3)				
Prof. Nabil Hewedy				
Prof. Sobeih Seleem				
Dr. Samy El-Behery				
1/6/2014		Dates of meeting of course examination committee.		
Prof. Nabil Hewedy - Prof. Sobeih Seleem- Dr. Samy El-Behery				Course coordinator
Prof Dr. Mostafa Ahmed Ismaiel				External evaluator

### B) Statistical Information

No. of students completing the course					No. of students starting the course				
197					202				
39	No.		158	No.					
19.8	%		80.2	%					
Grading of completing students (of total pass)									
99	No.		30	No.		23	No.		6
50.25	%		15.23	%		11.68	%		3.05
Are the grades acceptable? (√) Yes, ( ) No. If no, please give the reasons.									
1)									
2)									
3)									

### C) Professional Information



### 1) Course teaching

Topics taught as a percentage of those specified: (✓) 100 % ( ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

b1-3 Write computer to analyze the characteristics of laminar and turbulent flow

1)

c5-2 setup, conduct and interpret fluid mechanics experiments

2)

3)

### 2) Student assessment

Percentage	Mark	Assessment Method
60 %	120	Final Examination (written)
10 %	20	End of term assessment (Oral)
5 %	10	End of term laboratory examination (Lab)
5 %	10	Laboratory reports
7.5 %	15	Quiz Assessment (Term Work))
5%	10	Mid term written exam 2 (Term Work)
7.5 %	15	Tutorial and report assessment (Term Work)
100 %	200	Total

### 3) Teaching and Learning Methods : ( please check ✓ or X)

	Work Shop	✓	Lectures
✓	Class activity	✓	Practical Training
	Case Study	✓	Laboratory
✓	Other assignments/homework	✓	Seminar

### 4) Facilities and Teaching Materials : please check ✓

		Totally adequate
	✓	Adequate to some extent
		Inadequate
Reasons of your choice: please check ✓		
( ) teaching accommodation	(✓) non- academic staff	( ) academic staff
( ) IT facility	(✓) laboratories	(✓) library

### 5) Administrative Constrain

Comments of Course Team

6) Student evaluation of Course

1)



2)  
3)

Comments of Course Team	7) Comment For External Evaluator(s)
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Reasons	Completed (√ or X)	Action

9) Action Plan For Academic Year 2013 /2014 AD		
Person responsible	Completion date	Action required
Head of the department		Maintenance of subsonic wind tunnel and manufacturing 2D and 3D bodies
Faculty Dean & Head of the department		Purchasing lift and drag test rig.
Faculty Dean		Provide the library with electronic copy of some important text book for ease access of large number of student
Faculty Dean		Provide the computer lab with licensed visualization software

Course coordinator	Signature
Prof. Nabil Hewedy	
Prof. Sobeih Seleem	
Dr. Samy El-Behery	

Date

## ANNUAL COURSE REPORT

### A) Administrative Information





MPE222	Code	Steam Technology			Course Title
2 <sup>nd</sup> year	Level	Mech Power. Eng.		Department offering the course	
Mech. Power Eng.			Programme on which the course is given		
Mech Power. Eng.			Department(s) offering the programme		
( )First, ( ✓)Second		Semester	2013 /2014	AD	Academic year
26 /5 /2014 AD		End date	/2 /2014 AD		Start data
Total	Lab.	Tutorial	Lecture		
7	1	2	4		
Are there any difference between these figures and those specified? ( ) Yes, ( ✓ ) No. , If yes, please give the reasons: 1) 2) 3)					
Prof. Dr. Mohamad Khalil		1)			
		2)			
		3)			
Prof. Dr. Mohamad Khalil		1)			
Prof. Dr. Ahmed Sabry		2)			
Prof Dr. Taher Sabry		3)			
1/6/2014		Dates of meeting of course examination committee.			
Prof. Dr. Mohamad Khalil				Course coordinator	
Prof. Dr. Mostafa Ahmad Ismail				External evaluator	

### B) Statistical Information

No. of students completing the course				No. of students starting the course			
197				202			
15	No.		182	No.			
7.61	%		92.39	%			
Grading of completing students (of total pass)							
62	No.		42	No.		44	No.
31.47	%		21.32	%		22.34	%
Are the grades acceptable? (√ ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)							

### C) Professional Information

1) Course teaching
--------------------



Topics taught as a percentage of those specified: ( ☒ ) 100 % ( ) < 100%  
If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)
- 2)
- 3)

## 2) Student assessment

% Of total	mark	Method of assessment
Percentage	Mark	Assessment Method
57 %	100	Final Examination (written)
11 %	20	End of term assessment (Oral)
9 %	15	End of term laboratory examination (Lab)
8.5 %	15	Mid term written Examination1 (Term Work)
8.5 %	15	Mid term written Examination 2 (Term Work)
6%	10	Tutorial and report assessment (Term Work)

## 3 ) Teaching and Learning Methods : ( please check ☒ or X)

	Work Shop	<input checked="" type="checkbox"/>	Lectures
<input checked="" type="checkbox"/>	Class activity	<input checked="" type="checkbox"/>	Practical Training
<input checked="" type="checkbox"/>	Case Study	<input checked="" type="checkbox"/>	Laboratory
<input checked="" type="checkbox"/>	Other assignments/homework		Seminar

## 4) Facilities and Teaching Materials : please check ☒

		Totally adequate
	<input checked="" type="checkbox"/>	Adequate to some extent
		Inadequate
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( ) teaching accommodation	( ) non- academic staff	( ) academic staff
( <input checked="" type="checkbox"/> ) IT facility	( ) laboratories	( <input checked="" type="checkbox"/> ) library

## 5) Administrative Constrain

Comments of Course Team	6) Student evaluation of Course
1)	
2)	



3)

Comments of Course Team	7) Comment For External Evaluator(s)
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Reasons	Completed (√ or X)	Action

9) Action Plan For Academic Year 20 /20 AD		
Person responsible	Completion date	Action required

Course coordinator  
Prof. Dr. Mohamad Khalil

Signature

Date

## ANNUAL COURSE REPORT

### A) Administrative Information

MPE 223	Code	<b>Computer Application 2</b>	Course Title
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2 <sup>nd</sup> year	Level	Mech Power. Eng.	Department offering the course		
Mech Power. Eng. Dept.		Programme on which the course is given			
Mech Power. Eng. Dept.		Department(s) offering the programme			
( ) First, ( <input checked="" type="checkbox"/> ) Second	Semester	2013 /2014	AD	Academic year	
26/5/2014	AD	End date	/2 /2014	AD	Start data
Total	Lab.	Tutorial	Lecture		
4	2		2		
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons:					
1)					
2)					
3)					
Dr. Ashraf Amin		1)			
Dr. Samy El-Behery		2)			
		3)			
Dr. Ashraf Amin		1)			
Dr. Samy El-Behery		2)			
Prof Dr. Safwat Badra		3)			
1/6/2014		Dates of meeting of course examination committee.			
Dr. Ashraf Amin - Dr. Samy El-Behery				Course coordinator	
Prof Dr. Mostafa Ahmed Ismaiel				External evaluator	

### B) Statistical Information

No. of students completing the course					No. of students starting the course					
197					202					
27	No.		170	No.						
13.71	%		86.29	%						
Grading of completing students (of total pass)										
92	No.		37	No.		26	No.		15	No.
46.7	%		18.78	%		13.2	%		7.61	%
Are the grades acceptable? ( <input checked="" type="checkbox"/> ) Yes, ( ) No. If no, please give the reasons.										
1)										
2)										
3)										

### C) Professional Information

1) Course teaching
Topics taught as a percentage of those specified: ( <input checked="" type="checkbox"/> ) 100 % ( ) < 100%



If the percentage is less than 100%, please give reasons for not teaching any topic:  
Experimental lab facility

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)
- 2)
- 3)

NON

## 2) Student assessment

% of total	mark	Method of assessment
60	60	Final term examination
20	20	Mid term examination
		Oral examination
		Practical / Laboratory examination.
		Semester work
		Other types of assessment
100 %	100	Total

## 3 ) Teaching and Learning Methods : ( please check ☒ or X)

<input checked="" type="checkbox"/>	Work Shop	<input checked="" type="checkbox"/>	Lectures
<input type="checkbox"/>	Class activity	<input type="checkbox"/>	Practical Training
<input type="checkbox"/>	Case Study	<input checked="" type="checkbox"/>	Laboratory
<input checked="" type="checkbox"/>	Other assignments/homework	-	Seminar

## 4) Facilities and Teaching Materials : please check ☒

	<input type="checkbox"/>	Totally adequate
	<input checked="" type="checkbox"/>	Adequate to some extent
	<input type="checkbox"/>	Inadequate
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( ) teaching accommodation	( ) non- academic staff	( ) academic staff
( <input checked="" type="checkbox"/> ) IT facility	( <input checked="" type="checkbox"/> ) laboratories	( ) library

## 5) Administrative Constrain

Comments of Course Team	6) Student evaluation of Course
1)	



2)  
3)

Comments of Course Team	7) Comment For External Evaluator(s)
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Reasons	Completed (√ or X)	Action
	√	Page on face bak
	√	Wib site

9) Action Plan For Academic Year 20 /20 AD		
Person responsible	Completion date	Action required
		Supply laptop

Course coordinator	Signature
Prof Dr. Ali Elshamy Ramadan	

Date

## ANNUAL COURSE REPORT

### A) Administrative Information

MPE 224	Code	<b>Mechatronics</b>	Course Title
---------	------	---------------------	--------------



2 <sup>nd</sup> year	Level	Mech Power. Eng.	Department offering the course		
Mech Power. Eng. Dept.		Programme on which the course is given			
Mech Power. Eng. Dept.		Department(s) offering the programme			
( ) First, ( <input checked="" type="checkbox"/> ) Second	Semester	2013 /2014	AD	Academic year	
26/5/2014	AD	End date	2 /2014	AD	Start data
Total	Lab.	Tutorial	Lecture		
5	1	1	3		
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons:					
1)					
2)					
3)					
1)					
2)					
3)					
Prof Dr. Mousa Mohamed 1)					
Dr. Mohamed Hesham 2)					
Prof Dr. Safwat Badra 3)					
1/6/2014		Dates of meeting of course examination committee.			
Prof Dr. Mousa Mohamed- Dr. Mohamed Hesham				Course coordinator	
Prof Dr. Mostafa Ahmed Ismaiel				External evaluator	

### B) Statistical Information

No. of students completing the course				No. of students starting the course			
197				202			
11	No.		186	No.			
5.58	%		94.42	%			
Grading of completing students (of total pass)							
99	No.		55	No.		26	No.
50.25	%		27.92	%		13.2	%
Are the grades acceptable? ( <input checked="" type="checkbox"/> ) Yes, ( ) No. If no, please give the reasons.							
1)							
2)							
3)							

### C) Professional Information

1) Course teaching
Topics taught as a percentage of those specified: ( <input checked="" type="checkbox"/> ) 100 % ( ) < 100%



If the percentage is less than 100%, please give reasons for not teaching any topic:  
Experimental lab facility

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)
- 2)
- 3)

NON

## 2) Student assessment

% of total	mark	Method of assessment
68	85	Final term examination
16	20	Mid term examination
16	20	Oral examination
		Practical / Laboratory examination.
		Semester work
		Other types of assessment
100 %	125	Total

## 3 ) Teaching and Learning Methods : ( please check ☒ or X)

<input checked="" type="checkbox"/>	Work Shop	<input checked="" type="checkbox"/>	Lectures
<input checked="" type="checkbox"/>	Class activity		Practical Training
<input checked="" type="checkbox"/>	Case Study		Laboratory
	Other assignments/homework	-	Seminar

## 4) Facilities and Teaching Materials : please check ☒

	<input checked="" type="checkbox"/>	Totally adequate
	<input checked="" type="checkbox"/>	Adequate to some extent
		Inadequate
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( ) teaching accommodation	( ) non- academic staff	( ) academic staff
( ) IT facility	( <input checked="" type="checkbox"/> ) laboratories	( ) library

## 5) Administrative Constrain

Comments of Course Team	6) Student evaluation of Course
1)	





2)  
3)

Comments of Course Team	7) Comment For External Evaluator(s)
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Reasons	Completed (√ or X)	Action

9) Action Plan For Academic Year 20 /20 AD		
Person responsible	Completion date	Action required

Course coordinator	Signature
Prof Dr. El Sayed Elbeheiry	

Date



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Heat Transfer</b>			Code	MPE 312
Department offering the course	Mech. Power Eng.			Level	4 <sup>rd</sup> Year
Programme on which the course is given	B.sc in Mech. Power Eng.				
Department(s) offering the programme	Mech. Power Eng. Dept.				
Academic year	2013 / 2014	AD	Semester	(√) First, ( ) Second	
Start data	/ 9 / 2013	AD	End date	/ 1 / 20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	4	2	1	7	
Are there any difference between these figures and those specified? ( ) Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) Prof. Dr. Mohamed Khalil 2) Dr. Mohamed Habib			
Members of course examination committee.		1) Prof. Dr. Sheded Shams Eldin 2) Prof. Dr. Mohamed Khalil 3) Dr. Mohamed Habib			
Dates of meeting of course examination committee.			March 2014		
Course coordinator	Prof. Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course			
121				115			
Results of completing students		Passed	No.	93	Failed	No.	22
			%	80.86		%	19.13
Grading of completing students (of total pass)							
Excellent	No.	0	Very	No.	3	Good	No.
	%	0	Good	%	2.6		%
						Pass	No.
							%
							75
							65.22
Are the grades acceptable? ( √ ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)							



### C) Professional Information

1) Course teaching

Topics taught as a percentage of those specified: ( ) 100 % (√) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

1) Many topics isn't recorded completely along semester period

2)

3)

Referring to the course specification, please list any ILO's specified but not taught.

1) C13-1 Setup conduct and interpret heat transfer experiments

2)

3)

2) Student assessment		
Method of assessment	mark	% of total
Final term examination	100	57
Mid term examination	17.5	10
Oral examination	17.5	10
Practical / Laboratory examination.	26	15
Semester work	14	8
Other types of assessment	175	100
Total	100	57

3 ) Teaching and Learning Methods : ( please check √ or X)			
Lectures	√	Work Shop	√
Practical Training	√	Class activity	√
Laboratory	X	Case Study	√
Seminar	X	Other assignments/homework	√

4) Facilities and Teaching Materials : please check √

Totally adequate	
Adequate to some extent	√
Inadequate	

Reasons of your choice: please check √

( ) academic staff	( ) non- academic staff	( ) teaching accommodation
( ) library	(√) laboratories	(√) IT facility

5) Administrative Constrain



6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed ( √ or X)	Reasons
Renewable Energy	X	I don't know
Environment lab.		

9) Action Plan For Academic Year 2013 /2014 AD		
Action required	Completion date	Person responsible
-Prepare the heat transfer laboratory	During term	Course coordinator

Course coordinator  
Prof. Dr. Mohamed Khalil  
Dr. Ashraf A. Hussien

Sign

Date / /2012



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Theory of Combustion</b>			Code	313
Department offering the course	Mechanical power Eng.			Level	Thrid year
Programme on which the course is given	B.sc in Mechanical power Eng.				
Department(s) offering the programme	Mechanical power Eng. Dept				
Academic year	2013 /2014	AD	Semester	( <input checked="" type="checkbox"/> ) First, ( ) Second	
Start data	/ 9 /2013	AD	End date	/1 /20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	4	2	1	7	
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) <b>Dr. Gaber Mahmoud Asar</b> 2) 3)			
Members of course examination committee.		1) <b>Dr. Gaber Mahmoud Asar</b> 2) Prof dr . ahmed H Elaskary 3) Dr. Ali Elshamy			
Dates of meeting of course examination committee.					
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
121				115							
Results of completing students		Passed	No.	100	Failed	No.	15				
			%	86.95		%	13.04				
Grading of completing students (of total pass)											
Excellent	No.	1	Very Good	No.	15	Good	No.	2	Pass	No.	82
	%	.869		%	13.04		%	1.74		%	71.3
Are the grades acceptable? ( ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											



### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ☒ ) 100 % ( ☐ ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1)
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1)
- 2)
- 3)

#### 2) Student assessment

Method of assessment	mark	% of total
Final term examination	100	57
Mid term examination	30	17
Oral examination	35	20
Practical / Laboratory examination.	-	
Semester work	10	6
Other types of assessment		
Total	175	100 %

#### 3 ) Teaching and Learning Methods : ( please check ☒ or X)

Lectures	<input checked="" type="checkbox"/>	Work Shop	
Practical Training		Class activity	<input checked="" type="checkbox"/>
Laboratory		Case Study	
Seminar		Other assignments/homework	<input checked="" type="checkbox"/>

#### 4) Facilities and Teaching Materials : please check ☒

Totally adequate	<input type="checkbox"/>	
Adequate to some extent	<input checked="" type="checkbox"/>	
Inadequate	<input type="checkbox"/>	
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( <input type="checkbox"/> ) academic staff	( <input type="checkbox"/> ) non- academic staff	( <input checked="" type="checkbox"/> ) teaching accommodation
( <input type="checkbox"/> ) library	( <input checked="" type="checkbox"/> ) laboratories	( <input type="checkbox"/> ) IT facility

#### 5) Administrative Constrains



6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator

**Dr. Gaber Mahmoud Asar**

Signature

Date



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Hydraulic Machines</b>			Code	321
Department offering the course	Mechanical power Eng.			Level	Thrid year
Programme on which the course is given	B.sc Mechanical power Eng.				
Department(s) offering the programme	Mechanical power Eng. Dept				
Academic year	2013 /2014	AD	Semester	( ) First, (√ ) Second	
Start data	/ 2 /2014	AD	End date	/6 /20 14 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	3	2	1	6	
Are there any difference between these figures and those specified? ( ) Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) Dr .Ismail Sagr			
Members of course examination committee.		1) Dr .Ismail Sagr 2) Prof. Dr. Ahmad Raafat 3) Prof. Dr. Nabil Huwaydi 4) Prof.Dr. Taher Ibrahim Sabry			
Dates of meeting of course examination committee.					
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
121				111							
Results of completing students		Passed	No.	84	Failed	No.	27				
			%	75.67		%	24.32				
Grading of completing students (of total pass)											
Excellent	No.	1	Very Good	No.	2	Good	No.	8	Pass	No.	73
	%	0.9		%	1.8		%	7.2		%	65.76
Are the grades acceptable? (√ ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											





### C) Professional Information

#### 1) Course teaching

Topics taught as a percentage of those specified: ( ) 85 % ( ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

- 1) The Laboratory tests were not conducted because most laboratory equipment are out of order .
- 2)
- 3)

Referring to the course specification, please list any ILO's specified but not taught.

- 1) list the classification of pumps and turbines
- 2) understand basic design criteria and procedure , construction and operation of centrifugal pumps
- 3) sketch various components construction and arrangements of centrifugal and axial flow pumps and hydraulic turbines
- 4) seek learning opportunities outside the classroom environment
- 5) utilize the literature base and information resources for engineering.

#### 2) Student assessment

Method of assessment	mark	% of total
Final term examination	90	60
Mid term examination	15	10
Oral examination	15	10
Practical / Laboratory examination.	15	10
Semester work	7.5	5
Other types of assessment	7.5	5
Total	150	100 %

#### 3 ) Teaching and Learning Methods : ( please check ☒ or X)

Lectures	<input checked="" type="checkbox"/>	Work Shop	
Practical Training		Class activity	<input checked="" type="checkbox"/>
Laboratory		Case Study	
Seminar		Other assignments/homework	<input checked="" type="checkbox"/>

#### 4) Facilities and Teaching Materials : please check ☒

Totally adequate		Laboratory = Inadequate
Adequate to some extent	<input checked="" type="checkbox"/>	
Inadequate		
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( ) academic staff	( ) non- academic staff	( <input checked="" type="checkbox"/> ) teaching accommodation
( ) library	( ) laboratories	( ) IT facility



5) Administrative Constrains

6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (✓ or X)	Reasons
Laboratory Experiments	X	The facilities Inadequate

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible
Repair the Laboratory Equipment	Feb. 2013	Laboratory Engineer and Dept . Head

Course coordinator

Signature

Prof. Dr. S. M. A. Seleem

Prof. Ahmad Raafat

Date



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	Numerical Methods in mechanical power engineering			Code	MPE 322
Department offering the course	Mechanical power Eng.			Level	3 <sup>rd</sup> year
Programme on which the course is given	B.sc Mechanical power Eng.				
Department(s) offering the programme	Mechanical power Eng. Dept				
Academic year	2013 /2014 AD		Semester	( ) First, (√) Second	
Start data	/ 2 /20 14 AD	End date	/ 6 /2014 AD		
Actual taught hours	Lecture 3	Tutorial 2	Lab. 1	Total 6	
Are there any difference between these figures and those specified? ( ) Yes, ( √ ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.	Assoc.Prof.Emad Hamed Amer				
Members of course examination committee.	1) Assoc.Prof.Emad Hamed Amer 2) Dr. Awad Rashad syam 3) Prof.Dr.Ahmed Sabry Hegazy 4) Prof.Dr.Mohammed Khalil Bassiouni				
Dates of meeting of course examination committee.					
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
121				109							
Results of completing students		Passed	No.	87	Failed	No.	22				
			%	79.81		%	20.2				
Grading of completing students (of total pass)											
Excellent	No.	2	Very Good	No.	8	Good	No.	16	Pass	No.	61
	%	1.83		%	7.34		%	14.67		%	55.96
Are the grades acceptable? (√) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											



### C) Professional Information

1) Course teaching

Topics taught as a percentage of those specified: (✓) 100 % ( ) < 100%

If the percentage is less than 100%, please give reasons for not teaching any topic:

1)

2)

3)

Referring to the course specification, please list any ILO's specified but not taught.

1) c7-1 use the available software (such as BASIC, Fortran, Matlab, Grapher, Excel, etc.) to solve and analyze some Mechanical power engineering problems

2)

3)

2) Student assessment		
Final Examination (written)	90	60 %
End of term assessment (Oral)	15	10 %
End of term laboratory examination (Lab)	7.5	5 %
Laboratory reports	7.5	5 %
Quiz Assessment (Term Work))	10	7 %
Mid term written exam 2 (Term Work)	12.5	8%
Tutorial and report assessment (Term Work)	7.5	5 %
Total	100	100 %

3 ) Teaching and Learning Methods : ( please check ✓ or X)			
Lectures	✓	Work Shop	
Practical Training		Class activity	✓
Laboratory	✓	Case Study	
Seminar	✓	Other assignments/homework	✓

4) Facilities and Teaching Materials : please check ✓

Totally adequate	
Adequate to some extent	✓
Inadequate	

Reasons of your choice: please check ✓

( ) academic staff	( ) non- academic staff	( ) teaching accommodation
(✓) library	( ) laboratories	( ✓ ) IT facility

5) Administrative Constrain



6) Student evaluation of Course	Comments of Course Team
	1)
	2)
	3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 2012 /2013 AD		
Action required	Completion date	Person responsible
Provide the library with electronic copy of some important text book for ease access of large number of student		Faculty Dean
Provide the computer lab with licensed visualization software		Faculty Dean

Course coordinator

Assoc. Prof. Safwat Wilson

Dr. Samy El-Behery

Date

Signature



## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Internal combustion engines(1)</b>			Code	MPE323
Department offering the course	Mechanical power			Level	2
Programme on which the course is given	B.sc in Mechanical Power Eng.				
Department(s) offering the programme	Mechanical Power Eng.Dept				
Academic year	2013/2014	AD	Semester	( )First, ( <input checked="" type="checkbox"/> )Second	
Start date	2/2014	AD	End date	6 /2014 AD	
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	3	2	1	6	
Are there any difference between these figures and those specified? ( )Yes, ( <input checked="" type="checkbox"/> )No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) Dr. Awad Rahad syam			
Members of course examination committee.		1) Dr. Awad Rashad syam 2) Prof .Dr. Safout Mohammed Batra 3) Prof.Dr. Fathy M. Mahfouz 4) Prof. Dr. Sheded Shams Eldin			
Dates of meeting of course examination committee.		20-12-2011, 10-1-2012, 25-1-2012.			
Course coordinator		Prof.Dr. Sobih M. Selim			
External evaluator		Prof Dr. Galal Rabiea			

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
121				111							
Results of completing students		Passed	No.	91	Failed	No.	20				
			%	81.98		%	18.02				
Grading of completing students (of total pass)											
Excellent	No.	0	Very Good	No.	0	Good	No.	4	Pass	No.	87
	%	0		%	0		%	3.6		%	78.37
Are the grades acceptable? ( <input checked="" type="checkbox"/> ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											



### C) Professional Information

1) Course teaching
Topics taught as a percentage of those specified: ( 0 ) 100 % ( ) < 100%
If the percentage is less than 100%, please give reasons for not teaching any topic:
1) The lectures and tutorial hours are not enough.
2)
3)
Referring to the course specification, please list any ILO's specified but not taught.
1)
2)
3)

2) Student assessment		
Method of assessment	mark	% of total
Final term examination	90	60
Mid term examination	10	6.66
Oral examination	30	20
Practical / Laboratory examination.	5	3.33
Semester work	10	6.66
Other types of assessment	5	3.33
Total	150	100 %

3 ) Teaching and Learning Methods : ( please check <input checked="" type="checkbox"/> or X)			
Lectures	<input checked="" type="checkbox"/>	Work Shop	<input checked="" type="checkbox"/>
Practical Training	<input checked="" type="checkbox"/>	Class activity	<input checked="" type="checkbox"/>
Laboratory	<input checked="" type="checkbox"/>	Case Study	-
Seminar	X	Other assignments/homework	<input checked="" type="checkbox"/>

4) Facilities and Teaching Materials : please check <input checked="" type="checkbox"/>		
Totally adequate	<input type="checkbox"/>	
Adequate to some extent	<input checked="" type="checkbox"/>	
Inadequate	<input type="checkbox"/>	
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( <input checked="" type="checkbox"/> )academic staff	( <input type="checkbox"/> )non- academic staff	( <input type="checkbox"/> )teaching accommodation
( <input type="checkbox"/> ) library	( <input checked="" type="checkbox"/> ) laboratories	( <input type="checkbox"/> ) IT facility

5) Administrative Constrains	
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6) Student evaluation of Course	Comments of Course Team
The course has gratification of all students but the lectures hours should be increased to cover more than the specified course as it is very important for the engineers after graduation.	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1) 2) 3)	1) 2) 3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (✓ or X)	Reasons

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator

Dr. Awad Rashad syam

Signature

Date:





## ANNUAL COURSE REPORT

### A) Administrative Information

Course Title	<b>Elective course (2) A[ Mech. power plant]</b>			Code	MPE 327 A
Department offering the course	Mechanical power Eng.			Level	
Programme on which the course is given	Electric power Dept.				
Department(s) offering the programme					
Academic year	2013 /2014	AD	Semester	( ) First, ( <input checked="" type="checkbox"/> ) Second	
Start data	2 /	/2014	AD	End date	/6 /20 14 AD
Actual taught hours	Lecture	Tutorial	Lab.	Total	
	2	2	-	4	
Are there any difference between these figures and those specified? ( ) Yes, ( <input checked="" type="checkbox"/> ) No. , If yes, please give the reasons: 1) 2) 3)					
Names of Lectures contributing to the delivery of the course.		1) Dr. Abu El- Mahasen M. Elhanfy			
Members of course examination committee.		1) Dr. Abpu El- Mahasen M. Elhanfy 2) Prof. Dr. Aly Eelghalman 3) Dr. Awatef Elbatawy			
Dates of meeting of course examination committee.					
Course coordinator	Prof.Dr. Sobih M. Selim				
External evaluator	Prof Dr. Galal Rabiea				

### B) Statistical Information

No. of students starting the course				No. of students completing the course							
122				116							
Results of completing students		Passed	No.	105	Failed	No.	11				
			%	90.51		%	9.48				
Grading of completing students (of total pass)											
Excellent	No.	6	Very Good	No.	15	Good	No.	30	Pass	No.	54
	%	5.17		%	12.93		%	25.86		%	46.55
Are the grades acceptable? ( ) Yes, ( ) No. If no, please give the reasons. 1) 2) 3)											



### C) Professional Information

1) Course teaching
Topics taught as a percentage of those specified: ( <input checked="" type="checkbox"/> ) 100 % ( <input type="checkbox"/> ) < 100%
If the percentage is less than 100%, please give reasons for not teaching any topic:
1)
2)
3)
Referring to the course specification, please list any ILO's specified but not taught.
1)
2)
3)

2) Student assessment		
Method of assessment	mark	% of total
Final term examination	70	70
Mid term examination	15	15
Oral examination	-	
Practical / Laboratory examination.	-	
Semester work	10	10
Other types of assessment	5	5
Total	100	100 %

3 ) Teaching and Learning Methods : ( please check <input checked="" type="checkbox"/> or X)			
Lectures	<input checked="" type="checkbox"/>	Work Shop	
Practical Training		Class activity	<input checked="" type="checkbox"/>
Laboratory		Case Study	
Seminar		Other assignments/homework	<input checked="" type="checkbox"/>

4) Facilities and Teaching Materials : please check <input checked="" type="checkbox"/>		
Totally adequate	<input checked="" type="checkbox"/>	
Adequate to some extent		
Inadequate		
Reasons of your choice: please check <input checked="" type="checkbox"/>		
( <input type="checkbox"/> ) academic staff	( <input type="checkbox"/> ) non- academic staff	( <input type="checkbox"/> ) teaching accommodation
( <input type="checkbox"/> ) library	( <input type="checkbox"/> ) laboratories	( <input type="checkbox"/> ) IT facility

5) Administrative Constrains	
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6) Student evaluation of Course	Comments of Course Team
	1) 2) 3)

7) Comment For External Evaluator(s)	Comments of Course Team
1)	1)
2)	2)
3)	3)

8) Course Enhancement		
Progress on actions identified in the previous year's action plan:		
Action	Completed (√ or X)	Reasons

9) Action Plan For Academic Year 20 /20 AD		
Action required	Completion date	Person responsible

Course coordinator  
Prof. Dr. / Abo Elmahasen Elahnfy

Signature

Date