



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
Affiliated to Ministry of Military Production
Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
The Information can be used for ABET accreditation and improving education quality.*

Course Code: BAS114

Course Title: Differential Equation

Level: (1)

Educational Program:

Instructor Name: د/ مجدى الطنطاوى

Academic Year: 2016/2017

Semester (Fall/Spring): Spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection 5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:						
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطى أو الإحتمالات والأحصاء فى حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات باستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضى لها.	5	4	3	2	1	NA
e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA
k.1 Select appropriate design tools to solve engineering problem. اختيار وسائل التصميم المناسبة لحل مشكلة هندسية.	5	4	3	2	1	NA
k.2 Use software and modern simulators to solve engineering problems. استخدام البرمجيات والمحاكاة فى حل المشاكل الهندسية.	5	4	3	2	1	NA
k.3 Consider modern hardware technology in your development. الأخذ فى الاعتبار باستخدام التكنولوجيا الحديثة أثناء التطوير.	5	4	3	2	1	NA
Part (B) : Education Facilities	Circle only one selection					
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA
1b.There is a course home Page with additional electronic material?	5	4	3	2	1	NA

1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
2- Teaching Performance	Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



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Course Code: BAS032
Educational Program:
Academic Year: 2016/2017

Course Title: Dynamics

Level: (0)

Instructor Name: د/ مجدى طنطاوى
Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطى أو الإحتمالات والأحصاء فى حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضى لها.	5	4	3	2	1	NA
e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA
k.1 Select appropriate design tools to solve engineering problem. اختيار وسائل التصميم المناسبة لحل مشكلة هندسية.	5	4	3	2	1	NA
k.2 Use software and modern simulators to solve engineering problems. استخدام البرمجيات والمحاكاة فى حل المشاكل الهندسية.	5	4	3	2	1	NA
k.3 Consider modern hardware technology in your development. الأخذ فى الأعتبار بإستخدام التكنولوجيا الحديثة أثناء التطوير.	5	4	3	2	1	NA
Part (B) : Education Facilities						
1- Course Materials						
Circle only one selection						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA
1b.There is a course home Page with additional electronic material?	5	4	3	2	1	NA

1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
3- Laboratory course (if applicable)	Circle only one selection					
3a. The prerequisite background course is given before the laboratory course?	5	4	3	2	1	NA
2b. The laboratory manual is well written and organized?	5	4	3	2	1	NA
3b. The laboratory equipment are new and functioning properly?	5	4	3	2	1	NA
2d. There is a technical support available when needed?	5	4	3	2	1	NA
2e. The student group per experiment is of an appropriate number?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



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Course Code: CHE113

Course Title: Organic Chemistry

Level: (1)

Educational Program:

Instructor Name: د/ سيد عبد التواب

Academic Year: 2016/2017

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:						
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطى أو الإحتمالات والأحصاء فى حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
b.1 Follow the design of experiment plan. تتبع وتنفيذ الخطوات المصممة للتجربة العلمية.	5	4	3	2	1	NA
b.2 Acquire and save data from the measuring variables. إكتساب وتخزين البيانات من متغيرات القياس.	5	4	3	2	1	NA
b.3 Compare experimental data and results to appropriate theoretical models. مقارنة النتائج العلمية بالنظرية وتحديد أوجه الأختلاف.	5	4	3	2	1	NA
b.4 Explain observed differences between model and experiment results and offer very basic explanations. شرح الإختلاف بين النتائج العلمية والنظرية وتقديم تفسير لها.	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



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Course Code: HUM-x17

Course Title: Industrial& Eng.Safty

Level: (1)

Educational Program:

Instructor Name: د/ سيد عبد التواب

Academic Year: 2016/2017

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:						
c.1 Formulate design needs and constraints including the professional issues such as economic, environmental, sustainability, manufacturability, operability, ethical, health, safety, and social impacts. صياغة إحتياجات التصميم والقيود التي تشمل معظم القضايا المهنية مثل الإقتصادية والبيئية، والإستدامة، والقابلية للتصنيع وقابلية التشغيل والأخلاقية، والصحة، والسلامة، والآثار الإجتماعية.	5	4	3	2	1	NA
c.2 Create and explore several alternative design concepts. الإبداع وإكتشاف تصميمات بديلة لنفس المشكلة.	5	4	3	2	1	NA
c.3 Complete the design process to meet desired needs. إستكمال عمليات التصميم لتحقيق متطلباته وأهدافه.	5	4	3	2	1	NA
g.1 Explain and discuss effectively in oral manner. الشرح الشفهي بفاعلية تامة.	5	4	3	2	1	NA
g.2 Present engineering work easily using multimedia. عرض وتقديم العمل الهندسى بإستخدام الوسائط المتعددة.	5	4	3	2	1	NA
g.3 Write professionally technical reports. كتابة واعداد التقارير الفنية بأسلوب مهني.	5	4	3	2	1	NA

- Another Points:

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Level:



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Course Code: BAS (116)
Educational Program:
Academic Year: 2016/2017

Course Title: Numerical Techniques

Level: (1)

Instructor Name: د/ رأفت ابو زيد

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطى أو الإحتمالات والأحصاء فى حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضى لها.	5	4	3	2	1	NA
e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA
k.1 Select appropriate design tools to solve engineering problem. اختيار وسائل التصميم المناسبة لحل مشكلة هندسية.	5	4	3	2	1	NA
k.2 Use software and modern simulators to solve engineering problems. استخدام البرمجيات والمحاكاة فى حل المشاكل الهندسية.	5	4	3	2	1	NA
k.3 Consider modern hardware technology in your development. الأخذ فى الاعتبار باستخدام التكنولوجيا الحديثة أثناء التطوير.	5	4	3	2	1	NA
Part (B) : Education Facilities		Circle only one selection				
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA
1b.There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA

1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
2- Teaching Performance	Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA
4- Computer integrity with the course (if applicable)	Circle only one selection					
4.a The use of computer is well integrated in the course syllabus?	5	4	3	2	1	NA
4.b The computer LAB is equipped with sufficient number of computers?	5	4	3	2	1	NA
4.c The computer LAB is equipped with up to date technology?	5	4	3	2	1	NA
4.d Specialized and technical software packages are available and accessible by students?	5	4	3	2	1	NA
4.e There is a technical support available when needed?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



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Course Code: BAS (115)
Educational Program:
Academic Year: 2016/2017

Course Title: Complex Function

Level: (1)

Instructor Name: د/ رأفت ابو زيد
Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection 5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:						
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطى أو الإحتمالات والأحصاء فى حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضى لها.	5	4	3	2	1	NA
e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA
k.1 Select appropriate design tools to solve engineering problem. اختيار وسائل التصميم المناسبة لحل مشكلة هندسية.	5	4	3	2	1	NA
k.2 Use software and modern simulators to solve engineering problems. استخدام البرمجيات والمحاكاة فى حل المشاكل الهندسية.	5	4	3	2	1	NA
k.3 Consider modern hardware technology in your development. الأخذ فى الاعتبار باستخدام التكنولوجيا الحديثة أثناء التطوير.	5	4	3	2	1	NA
Part (B) : Education Facilities	Circle only one selection					
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA

1b. There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
2- Teaching Performance	Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



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Course Code: ECO (122)
Educational Program:
Academic Year: 2016/2017

Course Title: Logic Design

Level: (1)

Instructor Name: د/ وائل ممدوح
Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطى أو الإحتمالات والأحصاء فى حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
b.1 Follow the design of experiment plan. تتبع وتنفيذ الخطوات المصممة للتجربة العلمية.	5	4	3	2	1	NA
b.2 Acquire and save data from the measuring variables. إكتساب وتخزين البيانات من متغيرات القياس.	5	4	3	2	1	NA
b.3 Compare experimental data and results to appropriate theoretical models. مقارنة النتائج العلمية بالنظرية وتحديد أوجه الاختلاف.	5	4	3	2	1	NA
b.4 Explain observed differences between model and experiment results and offer very basic explanations. شرح الإختلاف بين النتائج العلمية والنظرية وتقديم تفسير لها.	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضى لها.	5	4	3	2	1	NA
e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA
k.1 Select appropriate design tools to solve engineering problem. اختيار وسائل التصميم المناسبة لحل مشكلة هندسية.	5	4	3	2	1	NA
k.2 Use software and modern simulators to solve engineering problems. استخدام البرمجيات والمحاكاة فى حل المشاكل الهندسية.	5	4	3	2	1	NA

k.3 Consider modern hardware technology in your development. الأخذ في الاعتبار باستخدام التكنولوجيا الحديثة أثناء التطوير.	5	4	3	2	1	NA
Part (B) : Education Facilities	Circle only one selection					
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA
1b.There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
2- Teaching Performance	Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA
3- Laboratory course (if applicable)	Circle only one selection					
3a. The prerequisite background course is given before the laboratory course?	5	4	3	2	1	NA
3b. The laboratory manual is well written and organized?	5	4	3	2	1	NA
3c. The laboratory equipment are new and functioning properly?	5	4	3	2	1	NA
3d. There is a technical support available when needed?	5	4	3	2	1	NA
3e. The student group per experiment is of an appropriate number?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
Affiliated to Ministry of Military Production
Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
The Information can be used for ABET accreditation and improving education quality.*

Course Code: BAS (012)
Educational Program:
Academic Year: 2016/2017

Course Title: Calculus II & Analytical

Level: (0)

Instructor Name: د/ ياسر محمد سليمان

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطي أو الإحتمالات والأحصاء في حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضى لها.	5	4	3	2	1	NA
e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA
h.1 Evaluate the impact of engineering solutions on the environment. التقييم تأثير الحلول الهندسية على البيئة.	5	4	3	2	1	NA
h.2 Understand the impact of engineering solutions on the society. تفهم تأثير الحلول الهندسية على المجتمع .	5	4	3	2	1	NA
h.3 Optimize the limited global resources in engineering solutions. تحسين استخدام الموارد المحدودة في الحلول الهندسية.	5	4	3	2	1	NA
Part (B) : Education Facilities	Circle only one selection					
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA
1b.There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA

1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
2- Teaching Performance	Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
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Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
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Course Code: HUM (111)
Educational Program:
Academic Year: 2016/2017

Course Title: Human Rights

Level: (1)

Instructor Name: د/ حسين يوسف خضر
Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
g.1 Explain and discuss effectively in oral manner. الشرح الشفهي بفاعلية تامة.	5	4	3	2	1	NA
g.2 Present engineering work easily using multimedia. عرض وتقديم العمل الهندسي باستخدام الوسائط المتعددة.	5	4	3	2	1	NA
g.3 Write professionally technical reports. كتابة واعداد التقارير الفنية بأسلوب مهني.	5	4	3	2	1	NA
i.1 Recognize the necessity and responsibility of life-long learning. أدراك مسؤولية وضرورة التعلم المستمر مدى الحياة .	5	4	3	2	1	NA
i.2 Update your knowledge using continuous training. تحديث المعرفة من خلال التدريب المستمر.	5	4	3	2	1	NA
i.3 Improve your skills using continuous training. تحسين المهارات من خلال التدريب المستمر.	5	4	3	2	1	NA
j.1 State the contemporary economic issues. ذكر القضايا الاقتصادية المعاصرة.	5	4	3	2	1	NA
j.2 Recognize the contemporary technological issues. التعرف على القضايا التكنولوجية المعاصرة.	5	4	3	2	1	NA
j.3 Recognize the contemporary issues and its impact on engineering design. أدراك القضايا المعاصرة وتأثيرها على التصميمات والحلول الهندسية.	5	4	3	2	1	NA
Part (B) : Education Facilities	Circle only one selection					
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA
1b.There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA

1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
2- Teaching Performance	Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA

- **Another Points:**

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
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Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
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Course Code: ECO (151)
Educational Program:
Academic Year: 2016/2017

Course Title: Static Elect and Magnetism

Level: (1)

Instructor Name: د/ دينا خورشيد
Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطى أو الإحتمالات والأحصاء فى حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
d.1 Research and gather information. البحث وتجميع المعلومات.	5	4	3	2	1	NA
d.2 share in work of a specialized or multi-disciplinary team. المشاركة فى عمل فريق متخصصا ومتعدد التخصصات .	5	4	3	2	1	NA
d.3 Fulfill duties of team roles. أداء المهام المختلفة فى فريق العمل .	5	4	3	2	1	NA
d.4 Listen to other team members. الأستماع جيدا الى أعضاء فريق العمل .	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضى لها.	5	4	3	2	1	NA
e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA
j.1 State the contemporary economic issues. ذكر القضايا الاقتصادية المعاصرة.	5	4	3	2	1	NA
j.2 Recognize the contemporary technological issues. التعرف على القضايا التكنولوجية المعاصرة.	5	4	3	2	1	NA
j.3 Recognize the contemporary issues and its impact on engineering design. أدراك القضايا المعاصرة وتأثيرها على التصميمات والحلول الهندسية.	5	4	3	2	1	NA

Part (B) : Education Facilities		Circle only one selection					
1- Course Materials							
1a. Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA	
1b. There is a course home Page with additional electronic material?	5	4	3	2	1	NA	
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA	
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA	
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA	
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA	
2- Teaching Performance		Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA	
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA	
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA	
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA	
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA	
4- Computer integrity with the course (if applicable)		Circle only one selection					
4.a The use of computer is well integrated in the course syllabus?	5	4	3	2	1	NA	
4.b The computer LAB is equipped with sufficient number of computers?	5	4	3	2	1	NA	
4.c The computer LAB is equipped with up to date technology?	5	4	3	2	1	NA	
4.d Specialized and technical software packages are available and accessible by students?	5	4	3	2	1	NA	
4.e There is a technical support available when needed?	5	4	3	2	1	NA	

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
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Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
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Course Code: BAS (022)

Course Title: Magnetism and Thermodynamics

Level: (0)

Educational Program:

Instructor Name: د/ ميكل جاد

Academic Year: 2016/2017

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطى أو الإحتمالات والأحصاء فى حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
b.1 Follow the design of experiment plan. تتبع وتنفيذ الخطوات المصممة للتجربة العلمية.	5	4	3	2	1	NA
b.2 Acquire and save data from the measuring variables. إكتساب وتخزين البيانات من متغيرات القياس.	5	4	3	2	1	NA
b.3 Compare experimental data and results to appropriate theoretical models. مقارنة النتائج العلمية بالنظرية وتحديد أوجه الاختلاف.	5	4	3	2	1	NA
b.4 Explain observed differences between model and experiment results and offer very basic explanations. شرح الإختلاف بين النتائج العلمية والنظرية وتقديم تفسير لها.	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضى لها.	5	4	3	2	1	NA
e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA
f.1 Demonstrate knowledge of professional code of ethics. أظهار المعرفة بمبادئ وأخلاقيات الهندسة.	5	4	3	2	1	NA
f.2 Evaluate the ethical dimension of a specific problem. تقييم الأبعاد الأخلاقية لمشكلة معينة.	5	4	3	2	1	NA

f.3 Follow the general ethical regulations in your work. اتباع الضوابط الأخلاقية في عملك .	5	4	3	2	1	NA
g.1 Explain and discuss effectively in oral manner. الشرح الشفهي بفاعلية تامة.	5	4	3	2	1	NA
g.2 Present engineering work easily using multimedia. عرض وتقديم العمل الهندسي باستخدام الوسائط المتعددة.	5	4	3	2	1	NA
g.3 Write professionally technical reports. كتابة واعداد التقارير الفنية بأسلوب مهني.	5	4	3	2	1	NA
k.1 Select appropriate design tools to solve engineering problem. اختيار وسائل التصميم المناسبة لحل مشكلة هندسية.	5	4	3	2	1	NA
k.2 Use software and modern simulators to solve engineering problems. استخدام البرمجيات والمحاكاة في حل المشاكل الهندسية.	5	4	3	2	1	NA
k.3 Consider modern hardware technology in your development. الأخذ في الاعتبار باستخدام التكنولوجيا الحديثة أثناء التطوير.	5	4	3	2	1	NA
Part (B) : Education Facilities	Circle only one selection					
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA
1b.There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
2- Teaching Performance	Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA
3- Laboratory course (if applicable)	Circle only one selection					
3a. The prerequisite background course is given before the laboratory course?	5	4	3	2	1	NA

3b. The laboratory manual is well written and organized?	5	4	3	2	1	NA
3c. The laboratory equipment are new and functioning properly?	5	4	3	2	1	NA
3d. There is a technical support available when needed?	5	4	3	2	1	NA
3e. The student group per experiment is of an appropriate number?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
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Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
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Course Code: BAS (051)

Course Title: Computer Aided Design

Level: (0)

Educational Program:

Instructor Name: د/ هشام سنبل

Academic Year: 2016/2017

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
f.1 Demonstrate knowledge of professional code of ethics. أظهار المعرفة بمبادئ وأخلاقيات الهندسة.	5	4	3	2	1	NA
f.2 Evaluate the ethical dimension of a specific problem. تقييم الأبعاد الأخلاقية لمشكلة معينة.	5	4	3	2	1	NA
f.3 Follow the general ethical regulations in your work. اتباع الضوابط الأخلاقية في عملك .	5	4	3	2	1	NA
g.1 Explain and discuss effectively in oral manner. الشرح الشفهي بفاعلية تامة.	5	4	3	2	1	NA
g.2 Present engineering work easily using multimedia. عرض وتقديم العمل الهندسي باستخدام الوسائط المتعددة.	5	4	3	2	1	NA
g.3 Write professionally technical reports. كتابة واعداد التقارير الفنية بأسلوب مهني.	5	4	3	2	1	NA
k.1 Select appropriate design tools to solve engineering problem. اختيار وسائل التصميم المناسبة لحل مشكلة هندسية.	5	4	3	2	1	NA
k.2 Use software and modern simulators to solve engineering problems. استخدام البرمجيات والمحاكاة في حل المشاكل الهندسية.	5	4	3	2	1	NA
k.3 Consider modern hardware technology in your development. الأخذ في الاعتبار باستخدام التكنولوجيا الحديثة أثناء التطوير.	5	4	3	2	1	NA
Part (B) : Education Facilities	Circle only one selection					
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA
1b.There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA

2- Teaching Performance	Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA
4- Computer integrity with the course (if applicable)	Circle only one selection					
4.a The use of computer is well integrated in the course syllabus?	5	4	3	2	1	NA
4.b The computer LAB is equipped with sufficient number of computers?	5	4	3	2	1	NA
4.c The computer LAB is equipped with up to date technology?	5	4	3	2	1	NA
4.d Specialized and technical software packages are available and accessible by students?	5	4	3	2	1	NA
4.e There is a technical support available when needed?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
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Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
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Course Code: MEC (210)

Course Title: Stress Analysis

Level: (1)

Educational Program:

Instructor Name: د/ هشام سنبل

Academic Year: 2016/2017

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطى أو الإحتمالات والأحصاء فى حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضى لها.	5	4	3	2	1	NA
e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA
f.1 Demonstrate knowledge of professional code of ethics. أظهار المعرفة بمبادئ وأخلاقيات الهندسة.	5	4	3	2	1	NA
f.2 Evaluate the ethical dimension of a specific problem. تقييم الأبعاد الأخلاقية لمشكلة معينة.	5	4	3	2	1	NA
f.3 Follow the general ethical regulations in your work. اتباع الضوابط الأخلاقية فى عملك .	5	4	3	2	1	NA
k.1 Select appropriate design tools to solve engineering problem. اختيار وسائل التصميم المناسبة لحل مشكلة هندسية.	5	4	3	2	1	NA
k.2 Use software and modern simulators to solve engineering problems. استخدام البرمجيات والمحاكاة فى حل المشاكل الهندسية.	5	4	3	2	1	NA
k.3 Consider modern hardware technology in your development. الأخذ فى الاعتبار باستخدام التكنولوجيا الحديثة أثناء التطوير.	5	4	3	2	1	NA

Part (B) : Education Facilities	Circle only one selection					
1- Course Materials						
1a. Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA
1b. There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
2- Teaching Performance	Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
Affiliated to Ministry of Military Production
Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
The Information can be used for ABET accreditation and improving education quality.*

Course Code: BAS (014)

Course Title: Introduction to Computer

Level: (0)

Educational Program:

Instructor Name: د/هانى سليمان

Academic Year: 2016/2017

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطى أو الإحتمالات والأحصاء فى حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
b.1 Follow the design of experiment plan. تتبع وتنفيذ الخطوات المصممة للتجربة العلمية.	5	4	3	2	1	NA
b.2 Acquire and save data from the measuring variables. إكتساب وتخزين البيانات من متغيرات القياس.	5	4	3	2	1	NA
b.3 Compare experimental data and results to appropriate theoretical models. مقارنة النتائج العلمية بالنظرية وتحديد أوجه الاختلاف.	5	4	3	2	1	NA
b.4 Explain observed differences between model and experiment results and offer very basic explanations. شرح الإختلاف بين النتائج العلمية والنظرية وتقديم تفسير لها.	5	4	3	2	1	NA
d.1 Research and gather information. البحث وتجميع المعلومات.	5	4	3	2	1	NA
d.2 Share in work of a specialized or multi-disciplinary team. المشاركة فى عمل فريق متخصصا ومتعدد التخصصات .	5	4	3	2	1	NA
d.3 Fulfill duties of team roles. أداء المهام المختلفة فى فريق العمل .	5	4	3	2	1	NA
d.4 Listen to other team members. الأستماع جيدا الى أعضاء فريق العمل .	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضى لها.	5	4	3	2	1	NA

e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA
f.1 Demonstrate knowledge of professional code of ethics. أظهر المعرفة بمبادئ وأخلاقيات الهندسة.	5	4	3	2	1	NA
f.2 Evaluate the ethical dimension of a specific problem. تقييم الأبعاد الأخلاقية لمشكلة معينة.	5	4	3	2	1	NA
f.3 Follow the general ethical regulations in your work. اتباع الضوابط الأخلاقية في عملك .	5	4	3	2	1	NA
g.1 Explain and discuss effectively in oral manner. الشرح الشفهي بفاعلية تامة.	5	4	3	2	1	NA
g.2 Present engineering work easily using multimedia. عرض وتقديم العمل الهندسي باستخدام الوسائط المتعددة.	5	4	3	2	1	NA
g.3 Write professionally technical reports. كتابة واعداد التقارير الفنية بأسلوب مهني.	5	4	3	2	1	NA
h.1 Evaluate the impact of engineering solutions on the environment. التقييم تأثير الحلول الهندسية على البيئة.	5	4	3	2	1	NA
h.2 Understand the impact of engineering solutions on the society. تفهم تأثير الحلول الهندسية على المجتمع .	5	4	3	2	1	NA
h.3 Optimize the limited global resources in engineering solutions. تحسين استخدام الموارد المحدودة في الحلول الهندسية.	5	4	3	2	1	NA
k.1 Select appropriate design tools to solve engineering problem. اختيار وسائل التصميم المناسبة لحل مشكلة هندسية.	5	4	3	2	1	NA
k.2 Use software and modern simulators to solve engineering problems. استخدام البرمجيات والمحاكاة في حل المشاكل الهندسية.	5	4	3	2	1	NA
k.3 Consider modern hardware technology in your development. الأخذ في الاعتبار باستخدام التكنولوجيا الحديثة أثناء التطوير.	5	4	3	2	1	NA
Part (B) : Education Facilities						
Circle only one selection						
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA
1b.There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
3- Laboratory course (if applicable)						
Circle only one selection						
3a. The prerequisite background course is given before the laboratory course?	5	4	3	2	1	NA

3b. The laboratory manual is well written and organized?	5	4	3	2	1	NA
3c. The laboratory equipment are new and functioning properly?	5	4	3	2	1	NA
3d. There is a technical support available when needed?	5	4	3	2	1	NA
3e. The student group per experiment is of an appropriate number?	5	4	3	2	1	NA
4- Computer integrity with the course (if applicable)	Circle only one selection					
4.a The use of computer is well integrated in the course syllabus?	5	4	3	2	1	NA
4.b The computer LAB is equipped with sufficient number of computers?	5	4	3	2	1	NA
4.c The computer LAB is equipped with up to date technology?	5	4	3	2	1	NA
4.d Specialized and technical software packages are available and accessible by students?	5	4	3	2	1	NA
4.e There is a technical support available when needed?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
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Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
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Course Code: CHE121

Course Title: Momentum transfer

Level: (1)

Educational Program:

Instructor Name: د/نورا فتحى عبد السلام

Academic Year: 2016/2017

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطى أو الإحتمالات والأحصاء فى حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضى لها.	5	4	3	2	1	NA
e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
Affiliated to Ministry of Military Production
Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
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Course Code: HUM-025

Course Title: History of Engineering

Level: (0)

Educational Program:

Instructor Name: د/ سيد عبد التواب

Academic Year: 2016/2017

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
d.1 Research and gather information. البحث وتجميع المعلومات.	5	4	3	2	1	NA
d.2 share in work of a specialized or multi-disciplinary team. المشاركة في عمل فريق متخصص ومتعدد التخصصات .	5	4	3	2	1	NA
d.3 Fulfill duties of team roles. أداء المهام المختلفة في فريق العمل .	5	4	3	2	1	NA
d.4 Listen to other team members. الاستماع جيدا الى أعضاء فريق العمل .	5	4	3	2	1	NA
f.1 Demonstrate knowledge of professional code of ethics. أظهار المعرفة بمبادئ وأخلاقيات الهندسة.	5	4	3	2	1	NA
f.2 Evaluate the ethical dimension of a specific problem. تقييم الأبعاد الأخلاقية لمشكلة معينة.	5	4	3	2	1	NA
f.3 Following the general ethical regulations in your work. اتباع الضوابط الأخلاقية في عملك .	5	4	3	2	1	NA
k.1 Select appropriate design tools to solve engineering problem. اختيار وسائل التصميم المناسبة لحل مشكلة هندسية.	5	4	3	2	1	NA
k.2 Use software and modern simulators to solve engineering problems. استخدام البرمجيات والمحاكاة في حل المشاكل الهندسية.	5	4	3	2	1	NA
k.3 Consider modern hardware technology in your development. الأخذ في الاعتبار باستخدام التكنولوجيا الحديثة أثناء التطوير.	5	4	3	2	1	NA
Part (B) : Education Facilities	Circle only one selection					
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA
1b.There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA

1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
Affiliated to Ministry of Military Production
Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
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Course Code: CHE-114

Course Title: Chemical thermo dynamic

Level: (1)

Educational Program:

Instructor Name: د/محمود حنفي محمود

Academic Year: 2016/2017

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
b.1 Follow the design of experiment plan. تتبع وتنفيذ الخطوات المصممة للتجربة العلمية.	5	4	3	2	1	NA
b.2 Acquire and save data from the measuring variables. إكتساب وتخزين البيانات من متغيرات القياس.	5	4	3	2	1	NA
b.3 Compare experimental data and results to appropriate theoretical models. مقارنة النتائج العلمية بالنظرية وتحديد أوجه الاختلاف.	5	4	3	2	1	NA
b.4 Explain observed differences between model and experiment results and offer very basic explanations. شرح الإختلاف بين النتائج العلمية والنظرية وتقديم تفسير لها.	5	4	3	2	1	NA
d.1 Research and gather information. البحث وتجميع المعلومات.	5	4	3	2	1	NA
d.2 share in work of a specialized or multi-disciplinary team. المشاركة في عمل فريق متخصصا ومتعدد التخصصات .	5	4	3	2	1	NA
d.3 Fulfill duties of team roles. أداء المهام المختلفة في فريق العمل .	5	4	3	2	1	NA
d.4 Listen to other team members. الاستماع جيدا الى أعضاء فريق العمل .	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضي لها.	5	4	3	2	1	NA
e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA
Part (B) : Education Facilities	Circle only one selection					
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA

1b. There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
2- Teaching Performance	Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA
3- Laboratory course (if applicable)	Circle only one selection					
3a. The prerequisite background course is given before the laboratory course?	5	4	3	2	1	NA
3b. The laboratory manual is well written and organized?	5	4	3	2	1	NA
3c. The laboratory equipment are new and functioning properly?	5	4	3	2	1	NA
3d. There is a technical support available when needed?	5	4	3	2	1	NA
3e. The student group per experiment is of an appropriate number?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
Affiliated to Ministry of Military Production
Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
The Information can be used for ABET accreditation and improving education quality.*

Course Code: MEC (125)

Course Title: Operating digital Machines

Level: (1)

Educational Program:

Instructor Name: د/ محمد أحمد عوض

Academic Year: 2016/2017

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
b.1 Follow the design of experiment plan. تتبع وتنفيذ الخطوات المصممة للتجربة العلمية.	5	4	3	2	1	NA
b.2 Acquire and save data from the measuring variables. إكتساب وتخزين البيانات من متغيرات القياس.	5	4	3	2	1	NA
b.3 Compare experimental data and results to appropriate theoretical models. مقارنة النتائج العلمية بالنظرية وتحديد أوجه الاختلاف.	5	4	3	2	1	NA
b.4 Explain observed differences between model and experiment results and offer very basic explanations. شرح الاختلاف بين النتائج العلمية والنظرية وتقديم تفسير لها.	5	4	3	2	1	NA
c.1 Formulate design needs and constraints including the professional issues such as economic, environmental, sustainability, manufacturability, operability, ethical, health, safety, and social impacts. صياغة إحتياجات التصميم والقيود التي تشمل معظم القضايا المهنية مثل الإقتصادية والبيئية ، والإستدامة ، والقابلية للتصنيع وقابلية التشغيل والأخلاقية ، والصحة ، والسلامة ، والآثار الإجتماعية.	5	4	3	2	1	NA
c.2 Create and explore several alternative design concepts. الإبداع وإكتشاف تصميمات بديلة لنفس المشكلة.	5	4	3	2	1	NA
c.3 Complete the design process to meet desired needs. إستكمال عمليات التصميم لتحقيق متطلباته وأهدافه.	5	4	3	2	1	NA
j.1 State the contemporary economic issues. ذكر القضايا الأقتصادية المعاصرة.	5	4	3	2	1	NA
j.2 Recognize the contemporary technological issues. التعرف على القضايا التكنولوجية المعاصرة.	5	4	3	2	1	NA
j.3 Recognize the contemporary issues and its impact on engineering design. أدراك القضايا المعاصرة وتأثيرها على التصميمات والحلول الهندسية.	5	4	3	2	1	NA
Part (B) : Education Facilities	Circle only one selection					
3- Laboratory course (if applicable)						
3a. The prerequisite background course is given before the laboratory course?	5	4	3	2	1	NA

3b. The laboratory manual is well written and organized?	5	4	3	2	1	NA
3c. The laboratory equipment are new and functioning properly?	5	4	3	2	1	NA
3d. There is a technical support available when needed?	5	4	3	2	1	NA
3e. The student group per experiment is of an appropriate number?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
Affiliated to Ministry of Military Production
Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
The Information can be used for ABET accreditation and improving education quality.*

Course Code: BAS (033)

Course Title: Production engineering

Level: (0)

Educational Program:

Instructor Name: د/ محمد أحمد عوض

Academic Year: 2016/2017

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
c.1 Formulate design needs and constraints including the professional issues such as economic, environmental, sustainability, manufacturability, operability, ethical, health, safety, and social impacts. صياغة إحتياجات التصميم والقيود التي تشمل معظم القضايا المهنية مثل الإقتصادية والبيئية ، والإستدامة ، والقابلية للتصنيع وقابلية التشغيل والأخلاقية ، والصحة ، والسلامة ، والآثار الإجتماعية.	5	4	3	2	1	NA
c.2 Create and explore several alternative design concepts. الإبداع وإكتشاف تصميمات بديلة لنفس المشكلة.	5	4	3	2	1	NA
c.3 Complete the design process to meet desired needs. إستكمال عمليات التصميم لتحقيق متطلباته وأهدافه.	5	4	3	2	1	NA
j.1 State the contemporary economic issues. ذكر القضايا الأقتصادية المعاصرة.	5	4	3	2	1	NA
j.2 Recognize the contemporary technological issues. التعرف على القضايا التكنولوجية المعاصرة.	5	4	3	2	1	NA
j.3 Recognize the contemporary issues and its impact on engineering design. أدراك القضايا المعاصرة وتأثيرها على التصميمات والحلول الهندسية.	5	4	3	2	1	NA
k.1 Select appropriate design tools to solve engineering problem. اختيار وسائل التصميم المناسبة لحل مشكلة هندسية.	5	4	3	2	1	NA
k.2 Use software and modern simulators to solve engineering problems. استخدام البرمجيات والمحاكاة في حل المشاكل الهندسية.	5	4	3	2	1	NA
k.3 Consider modern hardware technology in your development. الأخذ في الأعتبار باستخدام التكنولوجيا الحديثة أثناء التطوير.	5	4	3	2	1	NA
Part (B) : Education Facilities	Circle only one selection					
3- Laboratory course (if applicable)						
3a. The prerequisite background course is given before the laboratory course?	5	4	3	2	1	NA
3b. The laboratory manual is well written and organized?	5	4	3	2	1	NA
3c. The laboratory equipment are new and functioning properly?	5	4	3	2	1	NA

3d. There is a technical support available when needed?	5	4	3	2	1	NA
3e. The student group per experiment is of an appropriate number?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
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Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
The Information can be used for ABET accreditation and improving education quality.*

Course Code: MEC (111)
Educational Program:
Academic Year: 2016/2017

Course Title: Thermo dynamic

Level: (1)

Instructor Name: د/ زياد أحمد ابراهيم
Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطي أو الإحتمالات والأحصاء في حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
b.1 Follow the design of experiment plan. تتبع وتنفيذ الخطوات المصممة للتجربة العلمية.	5	4	3	2	1	NA
b.2 Acquire and save data from the measuring variables. إكتساب وتخزين البيانات من متغيرات القياس.	5	4	3	2	1	NA
b.3 Compare experimental data and results to appropriate theoretical models. مقارنة النتائج العلمية بالنظرية وتحديد أوجه الاختلاف.	5	4	3	2	1	NA
b.4 Explain observed differences between model and experiment results and offer very basic explanations. شرح الإختلاف بين النتائج العلمية والنظرية وتقديم تفسير لها.	5	4	3	2	1	NA
c.1 Formulate design needs and constraints including the professional issues such as economic, environmental, sustainability, manufacturability, operability, ethical, health, safety, and social impacts. صياغة إحتياجات التصميم والقيود التي تشمل معظم القضايا المهنية مثل الإقتصادية والبيئية ، والإستدامة ، والقابلية للتصنيع وقابلية التشغيل والأخلاقية ، والصحة ، والسلامة ، والآثار الإجتماعية.	5	4	3	2	1	NA
c.2 Create and explore several alternative design concepts. الإبداع وإكتشاف تصميمات بديلة لنفس المشكلة.	5	4	3	2	1	NA
c.3 Complete the design process to meet desired needs. إستكمال عمليات التصميم لتحقيق متطلباته وأهدافه.	5	4	3	2	1	NA
Part (B) : Education Facilities	Circle only one selection					
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA

1b. There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
2- Teaching Performance	Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA
3- Laboratory course (if applicable)	Circle only one selection					
3a. The prerequisite background course is given before the laboratory course?	5	4	3	2	1	NA
3b. The laboratory manual is well written and organized?	5	4	3	2	1	NA
3c. The laboratory equipment are new and functioning properly?	5	4	3	2	1	NA
3d. There is a technical support available when needed?	5	4	3	2	1	NA
3e. The student group per experiment is of an appropriate number?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
Egyptian Academy for Engineering and Advanced Technology
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Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
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Course Code: MEC (121)
Educational Program:
Academic Year: 2016/2017

Course Title: Fluid Mechanics

Level: (1)
Instructor Name: د/ زياد أحمد إبراهيم
Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطي أو الإحتمالات والأحصاء في حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
b.1 Follow the design of experiment plan. تتبع وتنفيذ الخطوات المصممة للتجربة العلمية.	5	4	3	2	1	NA
b.2 Acquire and save data from the measuring variables. إكتساب وتخزين البيانات من متغيرات القياس.	5	4	3	2	1	NA
b.3 Compare experimental data and results to appropriate theoretical models. مقارنة النتائج العلمية بالنظرية وتحديد أوجه الاختلاف.	5	4	3	2	1	NA
b.4 Explain observed differences between model and experiment results and offer very basic explanations. شرح الإختلاف بين النتائج العلمية والنظرية وتقديم تفسير لها.	5	4	3	2	1	NA
c.1 Formulate design needs and constraints including the professional issues such as economic, environmental, sustainability, manufacturability, operability, ethical, health, safety, and social impacts. صياغة إحتياجات التصميم والقيود التي تشمل معظم القضايا المهنية مثل الإقتصادية والبيئية، والإستدامة، والقابلية للتصنيع وقابلية التشغيل والأخلاقية، والصحة، والسلامة، والآثار الإجتماعية.	5	4	3	2	1	NA
c.2 Create and explore several alternative design concepts. الإبداع وإكتشاف تصميمات بديلة لنفس المشكلة.	5	4	3	2	1	NA
c.3 Complete the design process to meet desired needs. إستكمال عمليات التصميم لتحقيق متطلباته وأهدافه.	5	4	3	2	1	NA
Part (B) : Education Facilities						
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA

1b. There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
2- Teaching Performance	Circle only one selection					
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA
3- Laboratory course (if applicable)	Circle only one selection					
3a. The prerequisite background course is given before the laboratory course?	5	4	3	2	1	NA
3b. The laboratory manual is well written and organized?	5	4	3	2	1	NA
3c. The laboratory equipment are new and functioning properly?	5	4	3	2	1	NA
3d. There is a technical support available when needed?	5	4	3	2	1	NA
3e. The student group per experiment is of an appropriate number?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level:



Ministry of Higher education
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Student Course Evaluation Survey

*The Purpose of this evaluation form is to collect student feedback to improve the student outcomes.
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Course Code: ECO (131)

Course Title: Electronic Material

Level: (1)

Educational Program:

Instructor Name: د/ وائل فكرى فاروق

Academic Year: 2016/2017

Semester (Fall/Spring): spring

Part (A) : Performance Indicators to Measure Student Outcomes*(Knowledge and Skills)	Circle only one Selection					
Please indicate whether or not you are able to do the following actions As a result of studying this course هل بدراستك لهذا المقرر لديك القدرة بالمهام التالية:	5- strongly agree; 4- Agree; 3- undecided; 2- Disagree; 1- Strongly disagree; NA- not applicable or no opinion.					
a.1 Use the Knowledge in differential equations, linear algebra, probability and Statistics to solve engineering problems. إستخدام الرياضيات كالمعادلات التفاضلية أو الجبر الخطى أو الإحتمالات والأحصاء فى حل مشكلات.	5	4	3	2	1	NA
a.2 Formulate physical problem using the fundamentals of physics, chemistry, and material sciences. صياغة وتعرف المشكلات بإستخدام اساسيات العلوم الهندسية كالفيزياء والكيمياء وعلوم المواد.	5	4	3	2	1	NA
a.3 Analyze, model, and plan the operation of engineering systems. تحليل ونمذجة وتخطيط التشغيل للعمليات الهندسية.	5	4	3	2	1	NA
b.1 Follow the design of experiment plan. تتبع وتنفيذ الخطوات المصممة للتجربة العلمية.	5	4	3	2	1	NA
b.2 Acquire and save data from the measuring variables. إكتساب وتخزين البيانات من متغيرات القياس.	5	4	3	2	1	NA
b.3 Compare experimental data and results to appropriate theoretical models. مقارنة النتائج العلمية بالنظرية وتحديد أوجه الاختلاف.	5	4	3	2	1	NA
b.4 Explain observed differences between model and experiment results and offer very basic explanations. شرح الإختلاف بين النتائج العلمية والنظرية وتقديم تفسير لها.	5	4	3	2	1	NA
e.1 Identify an engineering problem from a word statement or observation of a situation. التعرف على المشكلة الهندسية من الوصف لها أو ملاحظات لحالة معينة.	5	4	3	2	1	NA
e.2 Formulate the engineering problem and develop the mathematical model. صياغة مشكلة هندسية وتطوير نموذج رياضى لها.	5	4	3	2	1	NA
e.3 Solve the engineering problem by applying the technical skills gained in various courses. حل مشكلة هندسية من خلال تطبيق المهارات المكتسبة من المقررات الدراسية المختلفة.	5	4	3	2	1	NA
i.1 Recognize the necessity and responsibility of life-long learning. أدراك مسؤولية وضرورة التعلم المستمر مدى الحياة .	5	4	3	2	1	NA
i.2 Update your knowledge using continuous training. تحديث المعرفة من خلال التدريب المستمر.	5	4	3	2	1	NA

i.3 Improve your skills using continuous training. تحسين المهارات من خلال التدريب المستمر.	5	4	3	2	1	NA
j.1 State the contemporary economic issues. ذكر القضايا الاقتصادية المعاصرة.	5	4	3	2	1	NA
j.2 Recognize the contemporary technological issues. التعرف على القضايا التكنولوجية المعاصرة.	5	4	3	2	1	NA
j.3 Recognize the contemporary issues and its impact on engineering design. أدراك القضايا المعاصرة وتأثيرها على التصميمات والحلول الهندسية.	5	4	3	2	1	NA
Part (B) : Education Facilities		Circle only one selection				
1- Course Materials						
1a.Course syllabus and its outcomes are announced to the students?	5	4	3	2	1	NA
1b.There is a course home Page with additional electronic material?	5	4	3	2	1	NA
1c. The textbook is appropriate for this course?	5	4	3	2	1	NA
1d. The organization of the textbook is appropriate for this course?	5	4	3	2	1	NA
1e. The level of the textbook appropriate for this course?	5	4	3	2	1	NA
1f. The prerequisite is appropriate for this course?	5	4	3	2	1	NA
2- Teaching Performance		Circle only one selection				
2a. The Teaching of the course helps students to understand well the scientific contents?	5	4	3	2	1	NA
2b. The teaching of the course covers completely its syllabus?	5	4	3	2	1	NA
2c. Lectures are given according to the announced time schedule?	5	4	3	2	1	NA
2d. There is a good and interactive communication with students?	5	4	3	2	1	NA
2e. The teaching office hours are announced well to the students?	5	4	3	2	1	NA

- Another Points:

Student's name:

Level: