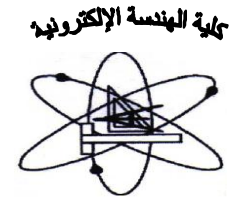


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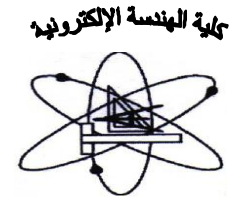
Course Syllabus

Department offering the program: Industrial electronics and Control Engineering
Department offering the course: Industrial electronics and Control Engineering

Course basic information :													
Course Code: FR486	Course Title: Engineering Economy Legislations Level : (4) Semester :2												
Department requirement	Teaching hours: Lecture[2] Tutorial [0] - Lab [0]												
Course objectives	<ol style="list-style-type: none">1. Identify basic concepts of engineering economy.2. Explain the principles of engineering economy.3. Describe the Structure and solve a problem.4. Identify current costs, and make correct operational decisions.5. Define the interest rate for calculating the time value of money.6. To define the Draw a Cash flow diagram.7. Explain what equivalence does not include.8. To acquire a good knowledge of the terms of trade.9. Identify the function of the Export-Import bank.10. Identify the key international agreements on trade.11. Definition of a nation's balance of payments												
Course Contents	Making economic decisions - The time value of money Equivalence - Global trade - Foreign exchange Other global topics - Quality management systems												
Assessment													
Weighting of Assessment	<table><tbody><tr><td>- Quizzes :</td><td>10 %</td></tr><tr><td>- Mid-term examination:</td><td>10 %</td></tr><tr><td>- Case study and/or practical exam:</td><td>..... %</td></tr><tr><td>- Final – term examination:</td><td>80 %</td></tr><tr><td>- Other types of assessment:</td><td>..... %</td></tr><tr><td>Total</td><td>100 %</td></tr></tbody></table>	- Quizzes :	10 %	- Mid-term examination:	10 %	- Case study and/or practical exam: %	- Final – term examination:	80 %	- Other types of assessment: %	Total	100 %
- Quizzes :	10 %												
- Mid-term examination:	10 %												
- Case study and/or practical exam: %												
- Final – term examination:	80 %												
- Other types of assessment: %												
Total	100 %												
List of text books and references:													



جامعة المنوفية
كلية الهندسة الإلكترونية
قسم هندسة الإلكترونيات الصناعية والتحكم



Text books	<ul style="list-style-type: none">Leland Blank and Anthony Tarquin "Engineering Economy", Springer-Verlag Berlin Heidelberg, Feb 22, 2011.
Recommended books	<ul style="list-style-type: none">Ted G. Eschenbach, " Engineering Economy", New York, OXFORD UNIVERSITY PRESS, 2003

