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**اسم الجامعة:ديالى**

**اسم الكلية:الهندسة**

**اسم القسم: الالكترونيك**

**المرحلة: الاولى**

**اسم المحاضر الثلاثي: ارشد عبد الحميد محمد**

**اللقب العلمي: مدرس**

**المؤهل العلمي: دكتوراه**

**مكان العمل: كلية الهندسة**

**(( استمارة الخطة التدريسية السنوية ))**

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| **ارشد عبد الحميد محمد** | | | | **اسم التدريسي:** |
| **Arshad.ahd@gmail.com** | | | | **البريد الالكتروني:** |
| Engineering Mechanics | | | | **اسم المادة:** |
| **The aim of this subject is to make the students ready to undestand and comprehend the scientific theories and their applications related to their field of the study.** | | | | **أهداف المادة:** |
|  | | | | **الكتب المنهجية:** |
|  | | | | **المصادر الخارجية:** |
| **الامتحان النهائي** | **المختبرات** | **الفصل الثاني** | **الفصل الأول** | **تقديرات الفصل:** |
| 60% | 0% | 20% | 20% |
|  | | | | **معلومات إضافية:** |

**جدول الدروس الأسبوعي – الفصل الدراسي الأول**

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| **الملاحظات** | **المادة العملية** | **المادة النظرية** | **التاريخ** | | **الأسبوع** |
|  |  | Force System , units system , parallelogram law, forces + components | **29/9/2015** | | 1 |
|  |  | resultant of coplanar forces components of force in space | **6/10/2015** | | 2 |
|  |  | moment of a force. moment of couples equilibrium | **12/10/2015** | | 3 |
|  |  | Free body diagram , coplanar system | **20/10/2015** | | 4 |
|  |  | analysis of trusses, friction : Nature of friction , theory of friction | **27/10/2015** | | 5 |
|  |  | coefficient of friction, centroids & center of gravity centroids | **3/11/2015** | | 6 |
|  |  | centroids determined by integration | **10/11/2015** | | 7 |
|  |  | moments of inertia: parallel axes theorem | **17/11/2015** | | 8 |
|  |  | moment of area by integration , radius of gyration , moment of inertia of composite area | **24/11/2015** | | 9 |
|  |  | Kinetics of particle | **1/12/2015** | | 10 |
|  |  | rectilinear motion , curvilinear motion | **8/12/2015** | | 11 |
|  |  | rectangular components of curvilinear motion | **15/12/2015** | | 12 |
|  |  | normal and tangential component of acceleration | **22/12/2015** | | 13 |
|  |  | kinetics : force , mass and acceleration | **29/12/2015** | | 14 |
|  |  | kinetics of particle Newton's 2nd law. | **5/1/2016** | | 15 |
|  |  | **Thermodynamics** | **12/1/2016** | | 16 |
| عطلة نصف السنة | | | | 15/1/2016 to  1/2/2016 | |

**توقيع الأستاذ: توقيع رئيس القسم توقيع العميد:**

**جدول الدروس الأسبوعي – الفصل الدراسي الثاني**

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| --- | --- | --- | --- | --- |
| **الملاحظات** | **المادة العملية** | **المادة النظرية** | **التاريخ** | **الأسبوع** |
|  |  | active materials &their specification | **15/2/2016** | 1 |
|  |  | work and heat in ideal gasses and steam fist law of thermodynamics practical law in steam and gasses | **22/2/2016** | 2 |
|  |  | second law f thermodynamics | **1/3/2016** | 3 |
|  |  | practical law in steam and **gasses**. | **8/3/2016** | 4 |
|  |  | Strength of Materials | **15/3/2016** | 5 |
|  |  | Hooks law | **22/3/2016** | 6 |
|  |  | tension and compression stress | **29/3/2016** | 7 |
|  |  | tension and compression stress | **5/4/2016** | 8 |
|  |  | thin-walled cylinders and spheres | **12/4/2016** | 9 |
|  |  | thin-walled cylinders and spheres | **19/4/2016** | 10 |
|  |  | combined stress (mohrs circle )shear and normal stress | **26/4/2016** | 11 |
|  |  | combined stress | **3/5/2016** | 12 |
|  |  | normal stress | **10/5/2016** | 13 |
|  |  | normal stress | **17/5/2016** | 14 |
|  |  | stresses in beams initial principal. | **24/5/2016** | 15 |
|  |  | stresses in beams initial principal. | **1/6/2016** | 16 |

**توقيع الأستاذ: توقيع رئيس القسم توقيع العميد:**