

 **توصيف مقرر دراسي**

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| **قسم: الميكاترونيكس** | **كلية: الهندسة**  |
| CEFC301 | رمز المقرر: | English for Engineers | اسم المقرر اللغة الإنكليزية للمهندسين |
| - | المتطلب السابق:  | عملي: | نظري: 2  | الساعات المعتمدة: 2 |

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| **التوصيف** |
| The English for Engineers course focuses on widening the student’s knowledge of engineering terminology or equally on building their confidence in using the correct language for the situation at hand. We build on the student’s previous linguistic and discipline-specific knowledge and move to higher levels to ensure that our students reach field-specific linguistic competency that allows them to communicate comfortably in academic and professional environments. |
| **المحتوى** |
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| **Book One:** | **Book Two** | **Book Three** |
| Unit 1: Types of Structures | Unit 1: Qualities of an Architecture | Unit 1: Design Tools and Materials |
| Unite 2: Parts of a Building1 | Unite 2: People in Architecture | Unite 2: Models |
| Unit 3: Parts of a Building2  | Unit 3: Scale  | Unit 3: Drawings 1  |
| Unit 4: Shapes 1 | Unit 4: Sketches | Unit 4: Drawings 2 |
| Unit 5: Shapes 2 | Unit 5: Perspective | Unit 5: Blueline Prints 1 |
| Unit 6: Describing Shapes and Structures | Unit 6: Orientation | Unit 6: Blueline Prints 1 |
| Unit 7: Describing Landscapes | Unit 7: Concept | Unit 7: Presentations: storyboarding |
| Unit 8: Basic Math | Unit 8: Site Survey and Analysis | Unit 8: Presentations: Portfolios |
| Unit 9: Measurements 1 | Unit 9: Design Factors | Unit 9: Historical Architecture |
| Unit 10: Measurements 2 | Unit 10: Design Elements | Unit 10: Modernism |
| Unit 11: Materials 1 | Unit 11: Detail Development | Unit 11: Postmodernism |
| Unit 12: Materials 2 | Unit 12: Elements of Construction | Unit 12: Contemporary Architecture 1 |
| Unit 13: Describing Materials | Unit 13: Construction Process | Unit 13: Contemporary Architecture 2 |
| Unit 14: Education 1 | Unit 14: Prefabrication | Unit 14: Sustainability 1 |
| Unit 15: Education 2 | Unit 15: Finished Building | Unit 15: Sustainability 2 |

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| **المراجع** |
| **Evans, V; Dooley, J; Cook, D (2015): *Career Paths: Architecture*. Express Publishing** |