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| **م** | **اسم المقرر** | **الفرقة** | **استاذ المادة** | **الموضوعات البحثية** |
| 1 | الرسم بالحاسب | الثالثة | د.أسامة أبو زيد | **Topic1:** Write about **"Applications of Computer Graphics in our Life and the Difference Between Painting and Drawing".**  **Topic2:** Write about **" 2D Graphics** Transforms: **Translation, Rotation, Scaling, Shear , and Combining Transformations**".  **Topic3:** Write about **"Viewing and Clipping for Graphics: Point, Line, Polygon, and Text Clipping"**.  **Topic4:** Write about **"Hierarchical Modeling In 2D Graphics".**  **Topic5:** Write about **"Mathematical Generation Algorithms for Some 2D Shapes : Line or Circle**".  **Topic6:** Write about **"Graphics APIs for Some Programming Languages**" . |

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