



معهد هندسة و تكنولوجيا الطيران

Course Objectives

1. Course Data

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| Course Title | Mathematics IV | Code: Math301 | |
| Department | Communications Engineering | | |
| Academic Year / Semester | 2018 / 2019 | First Semester | |
| No. of Hours per week | Lecture: 3 | Tutorial: 1 | Total: 4 |
| Course Instructor | Dr. Mohamed Hussein Eid | | |

2. Course Objectives

- i- Provide the students essential information and fundamentals of Gamma function, Beta function and Bessel's functions.
- ii- Provide the students essential information and fundamentals of Partial differential equations.
- iii- Teach students methods of solutions of Wave equation.
- iv- Provide the students the basic concepts of Probability theory and Statistics and their applications in engineering.