

## Engineering Physics: Course Summary

*This course is designed for a delineation of fundamental principles of Physics essential for all branches of engineering and contains elementary mechanics, mathematical physics, electromagnetism and quantum mechanics. It is intended to expand on the concepts learned in school, using the tools of vector calculus in Cartesian and polar coordinate systems. Deeper knowledge of physics with advanced mathematical tools will enable you to apply these ideas confidently in your chosen field of engineering.*

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