

# PHYS 135

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**PHYS 135 ENGR Mechanics: Statics & Dynamics**

3 Credits

This course is designed for (although not restricted to) learners wishing to pursue an Engineering or Physics degree. Topics include vector algebra, static equilibrium of particles and rigid bodies, moments, structural analysis, internal forces, friction, kinematics, and kinetics. Emphasis is placed throughout on the analysis of practical mechanics problems using free-body diagram techniques. The thermodynamics material that is sometimes covered in this course is covered in Phys 121 which is a pre-requisite.

**Prerequisites**

,PHYS 121 and MATH 101 with a grade of C or better; Pre- or Co-Requisites: PHYS 122 and MATH 102

**Transfer Credits**

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

