

# PHYS 135

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## **PHYS 135 Engineering Mechanics - Dynamics**

3 Credits

This course is designed for (although not restricted to) students wishing to pursue an Engineering degree. Topics include vector algebra, static equilibrium of particles and rigid bodies, and dynamics of particles and rigid bodies. Included for consideration are friction, impulse, momentum, work, and energy. Emphasis is placed throughout on the analysis of practical mechanics problems using free-body diagram techniques.

### **Prerequisites**

PHYS 121 and MATH 101 co-requisites: PHYS 122 and MATH 102, Take PHYS-122 and MATH-102

### **Transfer Credits**

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

