

MECH 314. DYNAMICS OF MECHANISMS.

Credits: 3

Offered by: Mechanical Engineering (Faculty of Engineering)

This course is not offered this catalogue year.

Description

First principles of analysis; motion; position; displacement; velocity; acceleration; force; inertia and its effects. Kinematic and dynamic analysis of rigid bodies in pure rotation and in pin-connected systems; dynamic balance. Rigid bodies in rolling contact; planetary gear-trains. Bodies in sliding contact; lower and higher sliding pairs.

- (3-1-5)
- Prerequisite: MECH 220.

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