

PHYSICS
Mechanical Engineering Technology
Engineering Physics II
203-944-DW (all sections)
Winter 2020

Teacher	Maria Dikeakos 7A.10, local 4009, mdikeakos@dawsoncollege.qc.ca Manuel Toharia 7B.21, local 4017, mtoharia@dawsoncollege.qc.ca
Pre-requisites	Engineering Physics I (203-943-DW)
Co-requisites	Engineering Mathematics II (201-942-DW)
Ponderation	2-3-2 (2 hours of lecture, 3 hours of labs, and 2 hours of work outside class per week)
Course objectives	This course is intended to introduce the student to the engineering approach to the solution of kinematics and dynamics problems.
Course competencies	This course will allow the student to partially achieve the competency: 012J: Analyze the internal and external forces exerted on a mechanical object 1. Analyze the external forces exerted on a structure or a mechanical object. 2. Analyze the strength of materials. 3. Analyze kinematic motion in assemblies and systems. 4. Analyze forces exerted in a mechanism. 5. Analyze the energy generated in a mechanism.
Evaluation	The Institutional Student Evaluation Policy (ISEP) is designed to promote equitable and effective evaluation of student learning and is therefore a crucial policy to read and understand. The policy describes the rights and obligations of students, faculty, departments, programs, and the College administration with

**Literacy
standards**

It is expected that students will be able to comprehend the course material and express themselves appropriately as a normal part of their academic performance in the course. Marks may be deducted for