Instructor: Aleksandra Nastic

GNG1105 Summer 2020- Course Schedule

Week	Monday 14:30-17:20	Wednesday 14:30-17:20	Friday Tutorial 8:30-11:30
1: 22, 24 et 26 June	• Syllabus, course plan • Chapter 1: Introduction • Chapter 2.1: Forces and equilibrium in a plane (2D)	• Chapter 2.2: Forces and equilibrium in space (3D)	• Addition of forces (different techniques) • Equilibrium of forces in plane and space (2D-3D)
2: 29June and 3rd July	• Chapter 3: Statics of rigid bodies	**CANADA DAY** **(Class reported to Friday instead of the DGD, DGD will be reported to Saturday July 11th at 14:30-17:20)**	• Quiz 1 : Statics of particles Chapter 3: Statics of rigid bodies
3: 6, 8 et 10 July	• Example of equilibrium in 3D • Chapter 4: Centroids and center of gravity	• Quiz 2: Statics of rigid bodies • Chapter 5 (part 1): Two force body, Analysis of trusses by the method of joints	• Revision for midterm: Statics of particle and rigid bodies, centroids and center of gravity
Saturday July 11 at 14:30	**MIDTERM** **Answer sheets to be sent by email before 17:20 to me and the TA**		
4: 13, 15 et 17 July	• Chapter 5 (part 2): Zero force members, analysis of trusses by the method of sections	• Chapter 5 (part 3): Analysis of frames and mechanisms	• Midterm Correction-will be posted • Trusses, frames and mechanisms
5: 20, 22, 24 July	• Chapter 6: Friction	• Chapter 7.1: Kinematics of particles in rectilinear motion	• Quiz 3: Two force member, truss and frame analysis • Friction and kinematics
6: 27, 29, 31 July	• Chapter 7.2: Kinematics of particles in a curvilinear motion	• Review for Final Exam	• Quiz 4: Friction and kinematics • Kinematics and kinetics
FINAL EXAM	**FINAL EXAM (date and time to be determined)**		

****This schedule is subjected to changes**