

Structures Theme:

- Dr. Luiz Kawashita
 - Stresses, strains & deformation
 - Energy methods
- Dr. Galal Mohamed
 - Beams and trusses
 - Static determinacy
- Dr. Ian Farrow
 - Introduction to design
 - Initial sizing of structures
- Prof. Ian Lane (Airbus UK)
 - Introduction to aircraft structures



Materials Theme:

- Dr. James Kratz
 - Observed properties of materials
 - Material selection
 - CES EduPack software
- Prof. Stephen Eichhorn
 - Atomic structures
 - Deformation
- Dr. Ian Hamerton
 - Polymers
 - Composites



StM1 – Gantt Chart

7



Week no.:	1	2	3	4	5	6	7	8	9	10	11	12	xmas01	xmas02	xmas03	exams01	exams02	13	14	15	16	17	18	19	20	21	easter01	easter02	easter03	22	23	24	exams01	exams02	exams03	
Loads in Beams & Trusses																																				
Stress, Strain & Deformation																																				
Properties of Materials & Materials Selection																																				
Energy Methods																																				
Atomic Structures & Deformation																																				
Aircraft Structures																																				
Design & Initial Sizing																																				
Polymers & Composites																																				