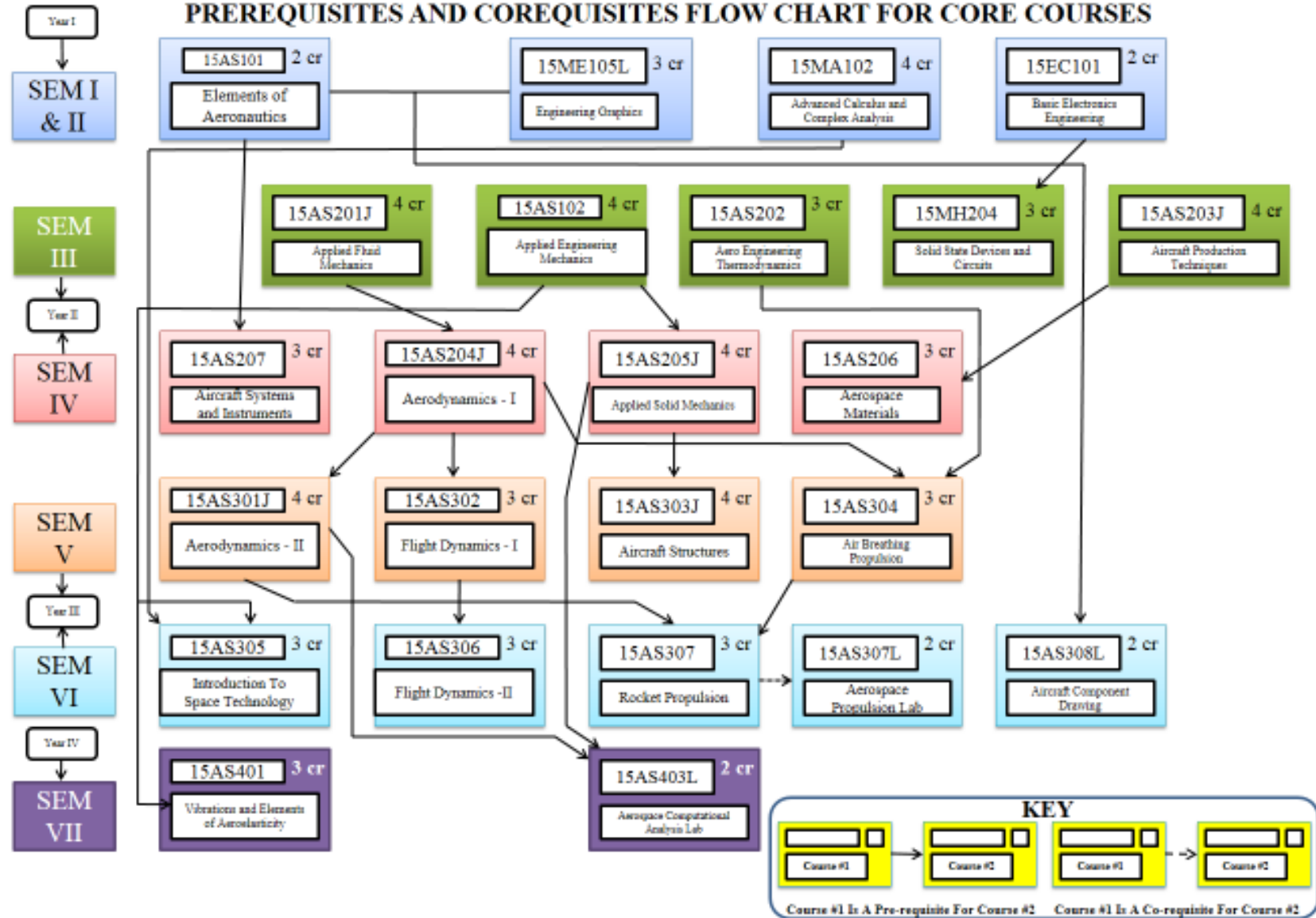
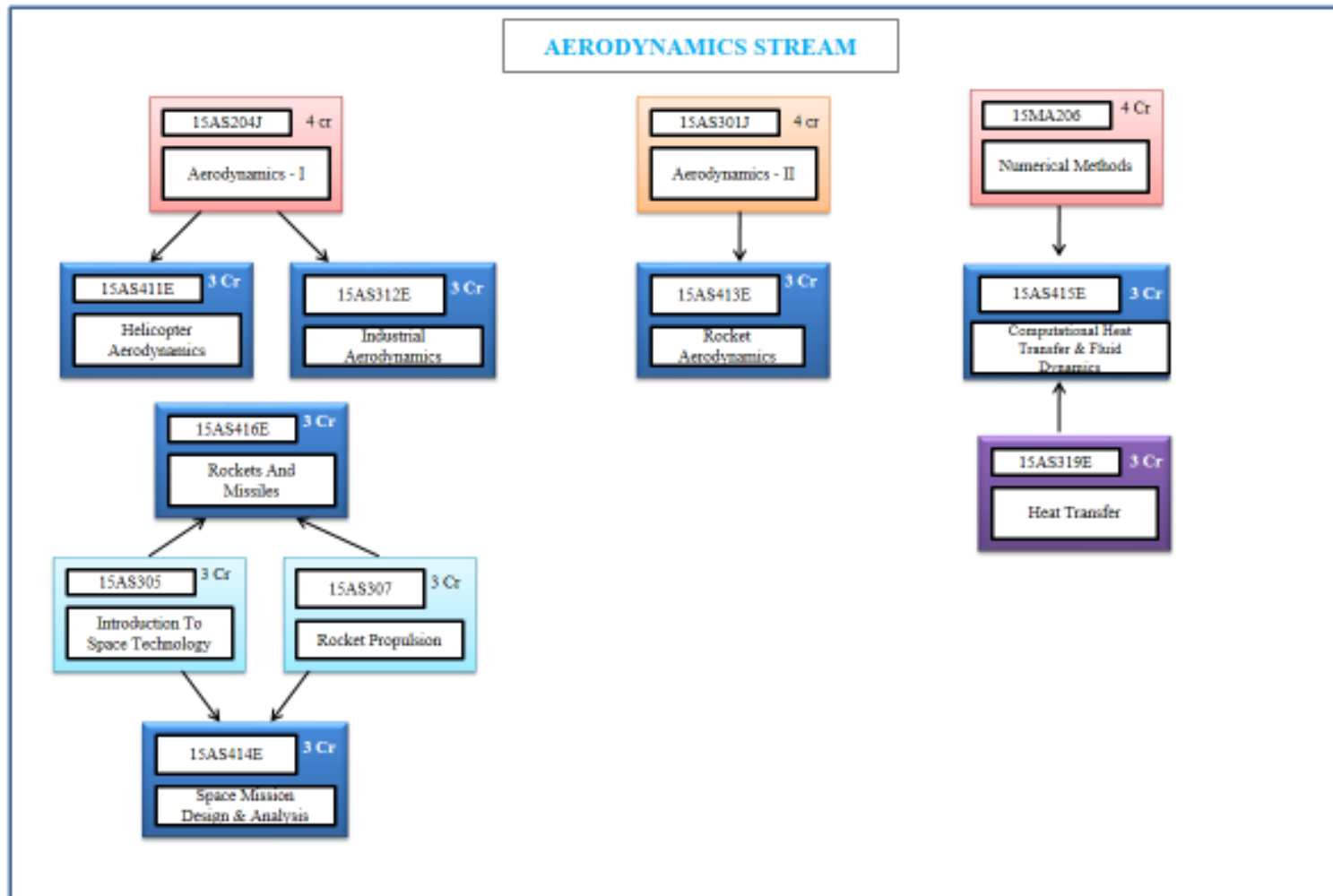
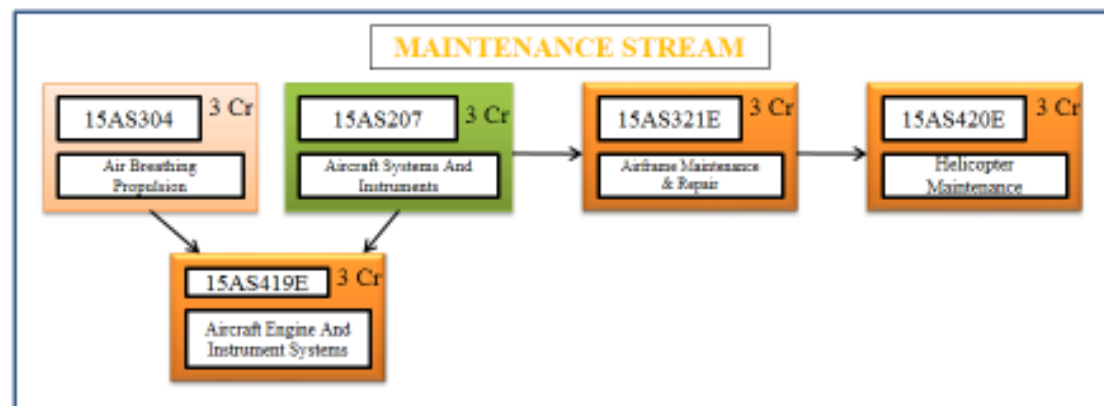
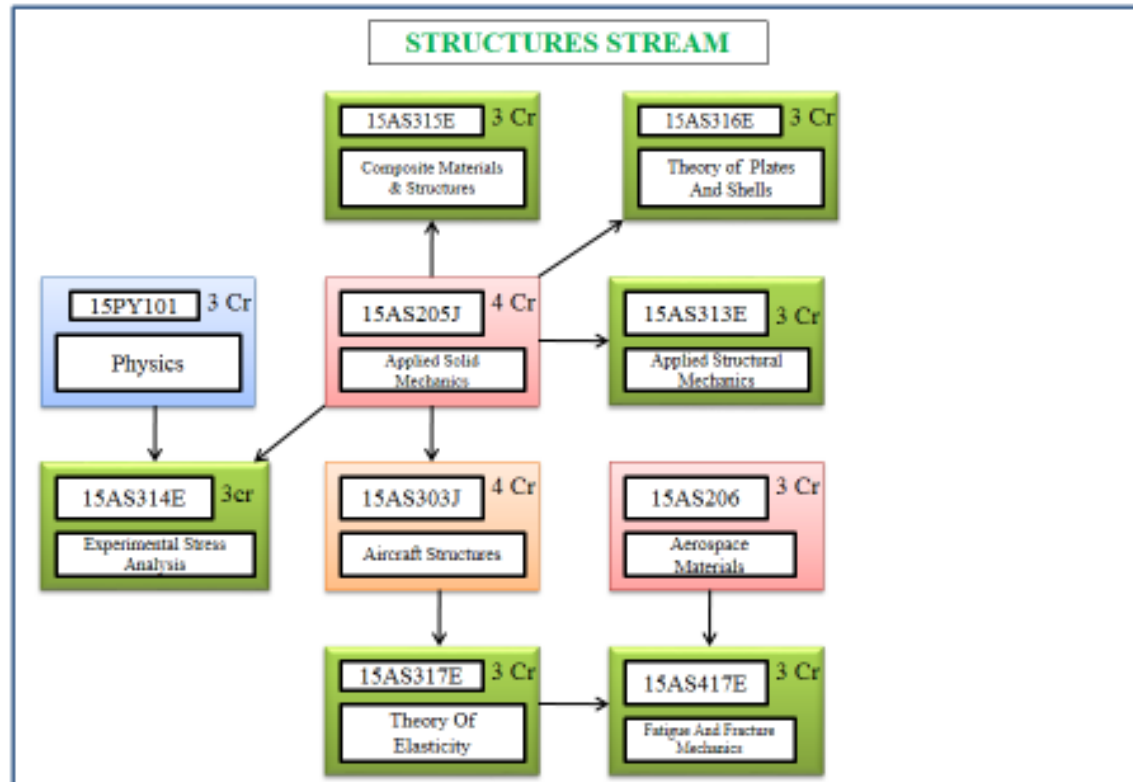


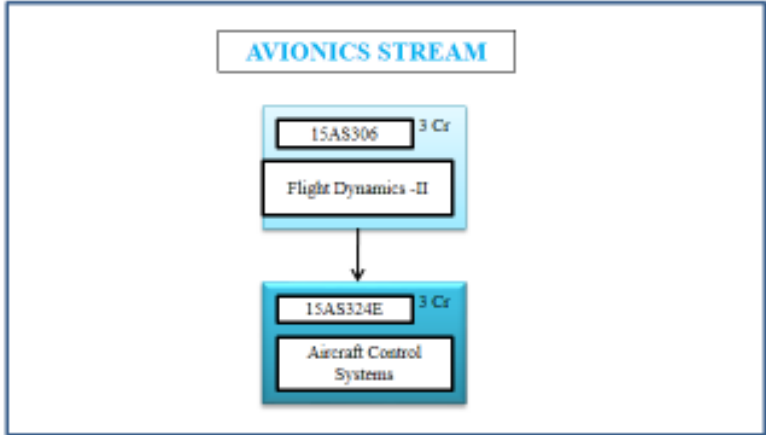
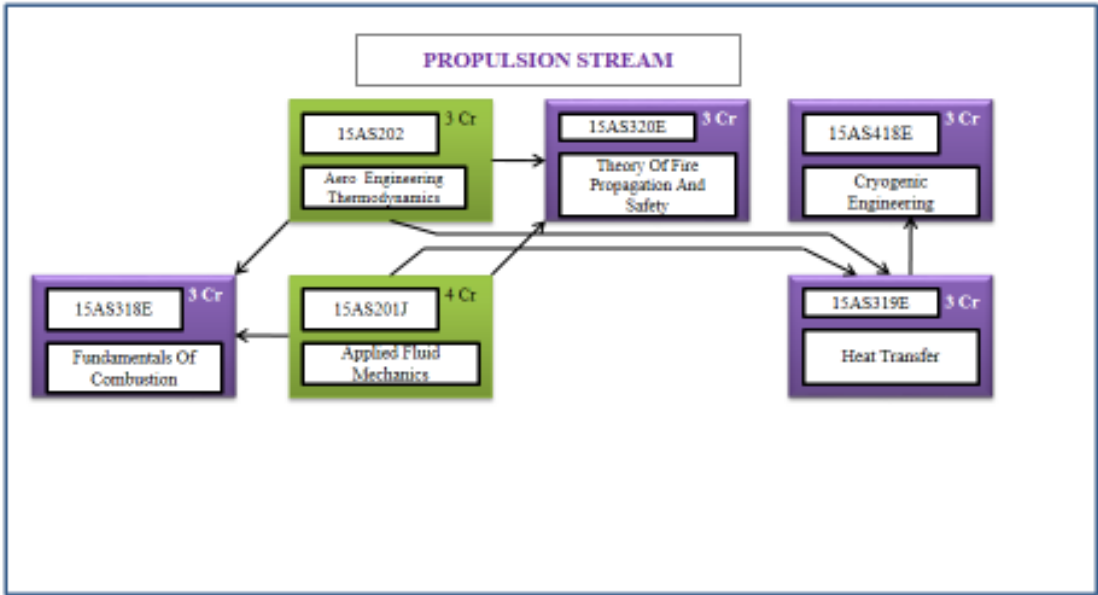
B.TECH AEROSPACE ENGINEERING
CHOICE BASED FLEXIBLE CREDIT SYSTEM (CBFCS) - REGULATIONS 2015
PREREQUISITES AND COREQUISITES FLOW CHART FOR CORE COURSES



B.TECH AEROSPACE ENGINEERING
CHOICE BASED FLEXIBLE CREDIT SYSTEM (CBFCS) - REGULATIONS 2015
PREREQUISITES AND COREQUISITES FLOW CHART FOR ELECTIVE COURSES







Department of Aerospace Engineering			
B.Tech Aerospace Engineering			
Course Code	Course Title	Prerequisite Courses	Co requisite Courses
15MH204	Solid State Devices and Circuits	15EC101	NIL
15AS204J	Aerodynamics - I	15AS201J	NIL
15AS205J	Applied Solid Mechanics	15AS102	NIL
15AS206	Aerospace Materials	15AS203J	NIL
15AS207	Aircraft Systems and Instruments	15AS101	NIL
15AS301J	Aerodynamics - II	15AS204J	NIL
15AS302	Flight Dynamics - I	15AS204J	NIL
15AS303J	Aircraft Structures	15AS205J	NIL
15AS304	Air Breathing Propulsion	15AS202, 15AS204J	NIL
15AS305	Introduction to Space Technology	15MA102, 15AS102	NIL
15AS306	Flight Dynamics - II	15AS302	NIL
15AS307	Rocket Propulsion	15AS304, 15AS301J	NIL
15AS307L	Aerospace Propulsion Laboratory	NIL	15AS307
15AS308L	Aircraft Component Drawing	15AS101, 15ME105L	NIL
15AS401	Vibrations and Elements of Aeroelasticity	15AS102	NIL
15AS402J	Digital Avionics	NIL	NIL
15AS403L	Aerospace Computational Analysis Laboratory	15AS205J , 15AS301J	NIL
15AS304M	Multi-Disciplinary Design	NIL	NIL

Department of Aerospace Engineering			
B.Tech Aerospace Engineering			
Course Code	Course Title	Prerequisite Courses	Co requisite Courses
15AS312E	Industrial Aerodynamics	15AS204J	NIL
15AS313E	Applied Structural Mechanics	15AS205J	NIL
15AS314E	Experimental Stress Analysis	15PY101, 15AS205J	NIL
15AS315E	Composite Materials & Structures	15AS205J	NIL
15AS316E	Theory of Plates and Shells	15AS205J	NIL
15AS317E	Theory Of Elasticity	15AS303J	NIL
15AS318E	Fundamentals of Combustion	15AS201J, 15AS202	NIL
15AS319E	Heat Transfer	15AS201J, 15AS202	NIL
15AS320E	Theory of Fire Propagation and Safety	15AS201J, 15AS202	NIL
15AS321E	Airframe Maintenance and Repair	15AS207	NIL
15AS324E	Aircraft Control Systems	15AS306	NIL
15AS411E	Helicopter Aerodynamics	15AS204J	NIL
15AS413E	Rocket Aerodynamics	15AS301J	NIL
15AS414E	Space Mission Design & Analysis	15AS305, 15AS307	NIL
15AS415E	Computational Heat Transfer & Fluid Dynamics	15AS319E, 15MA206	NIL
15AS416E	Rockets and Missiles	15AS305, 15AS307	NIL
15AS417E	Fatigue and Fracture Mechanics	15AS206, 15AS317E	NIL
15AS418E	Cryogenic Engineering	15AS319E	NIL
15AS419E	Aircraft Engine and Instrument Systems	15AS207, 15AS304	NIL
15AS420E	Helicopter Maintenance	15AS321E	NIL