KTH courses for Spring 2018 in Aerospace Engineering:

1. **Advanced Topics in Aeronautics (SD2620)**  
   https://www.kth.se/student/kurser/kurs/SD2620?l=en  
   Preapproved: Tech Elective, 6 ECTS = 3 hours  
   Duration: Periods 3 and 4

2. **Aircraft Aerodynamics (SD2801)**  
   https://www.kth.se/student/kurser/kurs/SD2801?l=en  
   Preapproved: AE 416, 6 ECTS = 3 hours  
   Duration: Period 3

3. **Flight Mechanics (SD2805)**  
   https://www.kth.se/student/kurser/kurs/SD2805?l=en  
   Preapproved: AE 419, 9 ECTS = 4.5 hours  
   Duration: Period 3

4. **Human Spaceflight (SD2905)**  
   https://www.kth.se/student/kurser/kurs/SD2905?l=en  
   Preapproved: Tech Elective, 7.5 ECTS = 3.75 hours  
   Duration: Period 3

5. **Spacecraft Dynamics (SD2910)**  
   https://www.kth.se/student/kurser/kurs/SD2910?l=en  
   Preapproved: AE 403, 9 ECTS = 4.5 hours  
   Duration: Period 4

6. **System Integration for Space Technology (SD2920)**  
   https://www.kth.se/student/kurser/kurs/SD2920?l=en  
   Preapproved: Tech Elective, 3 ECTS = 1.5 hours  
   Duration: Periods 3 and 4

7. **Computational Fluid Dynamics (SG2212)**  
   https://www.kth.se/student/kurser/kurs/SG2212?l=en  
   Preapproved: AE 410, 7.5 ECTS = 3.75 hours  
   Duration: Period 3

8. **Fibre Composites - Analysis and Design (SD2413)**  
   https://www.kth.se/student/kurser/kurs/SD2413?l=en  
   Preapproved: Tech Elective, 6 ECTS = 3 hours  
   Duration: Period 4

9. **Fibre Composites – Materials and Manufacturing (SD2414)**  
   https://www.kth.se/student/kurser/kurs/SD2414?l=en  
   Preapproved: Tech Elective, 6 ECTS = 3 hours  
   Duration: Period 3

10. **Rocket Propulsion (MJ2246)**  
    Preapproved: AE 434, 6 ECTS = 3 hours  
    Duration: Period 3

11. **Airbreathing Propulsion, Intermediate Course (MJ2244)**  
    Preapproved: AE 433, 6 ECTS = 3 hours  
    Duration: Period 3

13. **Compressible Flow (SG2215)**
   
   
   Preapproved: AE 456, 7.5 ECTS = 3.75 hours  
   Duration: Period 4

14. **Introduction to Noise Control (SD2110)**
   
   
   Preapproved: Tech Elective, 3 ECTS = 1.5 hours  
   Duration: Period 3 or 4

15. **Applied Computational Fluid Dynamics (SG2224)**
   
   
   Preapproved: Tech Elective, 5 ECTS = 2.5 hours  
   Duration: Period 4

16. **Dynamics and Motion Control (MF2007, canceled if fewer than 5 students)**
   
   
   Preapproved: AE 483, 9 ECTS = 4.5 hours  
   Duration: Period 3

17. **Numerical Methods for Acoustics and Vibration (SD2175)**
   
   [https://www.kth.se/student/kurser/kurs/SD2175?l=en](https://www.kth.se/student/kurser/kurs/SD2175?l=en)
   
   Preapproved: Tech Elective, 9 ECTS = 4.5 hours  
   Duration: Period 4

18. **Flow Acoustics (SD2155)**
   
   [https://www.kth.se/student/kurser/kurs/SD2155?l=en](https://www.kth.se/student/kurser/kurs/SD2155?l=en)
   
   Preapproved: Tech Elective, 6 ECTS = 3 hours  
   Duration: Period 3

19. **Introduction to Matlab (SD1105)**
   
   
   Preapproved: Tech Elective, 3 ECTS = 1.5 hours  
   Duration: Period 3 or 4