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| **WK** | **M** | **TU** | **W** | **TH** | **F** | **Hours** |
| **1** | **March 31**  Class Introduction  History/Theory  Safety Video  **Lab 01-05 Issued** | April 1  Hydraulic fluids, seals and hoses  **Q1 Safety** | 2 Hydraulic lines  Connections/fittings  **Q2 Theory** | 3  Hydraulic systems  Test review  **Q3 Fluids** | 4 No Class | 12.0/12.0 |
| **2** | 7  Hydraulic systems  **Test A2 B-TT1**  **Hydraulic Theory**  **Lab 01-05 Due** | 8 Hydraulic filters  **Lab 06-08 Issued** | 9  Hydraulic Reservoirs  **Q4 Systems and Lines** | 10 Hydraulic pumps  **Test Review**  **Q5 Filters and Reservoirs** | 11 No Class | 12.0/24.0 |
| **3** | 14  Flow Control valves  Selector valves  Check valves  Test Review  **Q6 Pumps** | 15  Sequencing/Priority  Valves  **Test A2-TT2**  **Reservoirs, Filters,**  **Pumps**  **Lab 06-08 Due** | 16 Flow control valves  Quick disconnects  Hydraulic fuses  Lab 09- | 17  Pressure control and relief valves  Pressure regulators | 18 No Class | 12.0/36.0 |
| **4** | 21  Actuators  Hydraulic motors  Accumulators  **Q7 Flow control valves** | 22  Hydraulic system projects  Symbols and schematics | 23 Hydraulic system projects  Symbols and schematics  **Symbol quiz 1** | 24  Hydraulic system projects  Symbols and schematics  **Symbol quiz 2** | 25 No Class | 12.0/48.0 |
| **5** | 28  Pneumatic systems pumps  **Q8 Pressure control valves** | 29 Pneumatic systems  check, relief, and shuttle valves | 30 Pneumatic systems  restrictors, filters,dessicant, and moisture | May 1 Pneumatic systems  **Test Review**  **Q8.5 Pneumatic systems** | 2 **No School** | 12.0/60.0 |
| **6** | 5  Landing gear types and configurations  **Test A2-B-TT3 Hydraulic components and pneumatic systems** | 6  Landing gear components | 7  Aircraft jacking and hoisting | 8 Wheel Alignment  Shimmy dampers  **Q9 Landing gear** | 9 No Class | 12.0/72.0 |
| **7** | 12  Landing gear electric retraction systems | 13  Landing gear hydraulic retraction systems | 14  Shock struts components and operation  **Q10 Retractable gear** | 15  Shock strut servicing  Test Review  **Q11 Air/Oil struts** | 16  No Class | 12.0/84.0 |
| **8** | 19  Aircraft wheels  **Test A2-A-TT1** | 20 Wheel maintenance  Inspection, bearings, and balance | 21 Steering systems | 22  Aircraft tire types and nomenclature  Tire removal and installation | 23  No Class | 12.0/96.0 |
| **9** | 26 **No School** | 27  Tire inspection and wear patterns  Tires | 28  Aircraft brakes and brake system types and components  **Q12 Wheels and tires** | 29 Brake actuator systems, inspection and servicing/troubleshooting | 30 No Class | 9.0/105 |
| **10** | **June** 2  Anti-skid braking system operation and components | 4  Anti-skid braking system operation and components | 5 Position warning systems introduction  **Test A2-A-TT2 Tire/Wheel/Brakes** | 6  Stall warning and angle of attack indicators | 7  No Class | 12/117 |
| **11** | 10  Configuration warning systems. Take off/Landing/Mach speed, ect. | 11 Engine indicating and crew alert systems  **Q13 Position and warning systems** | 12 Year end clean-up  Test Review | 13Year end clean-up **Test A3-5-TT-3** | 14  **No School** | 12/129 |