



## Aviation Maintenance Curriculum

### Maintenance and Inspection Regulations Course Syllabus

Summary:	Upon completion of this course, students will understand the FAA regulations that govern the aviation maintenance industry. Students will learn about the privileges and limitations afforded to an FAA certificated airframe and powerplant mechanic, required maintenance and inspection actions, how to use required maintenance publications and documentation, and how the regulations are applied to all aviation products and parts. The student will also learn about human factors that introduce safety risks and ways to mitigate those risks.
Course Number:	FAA-PART-147-MIR101
FAA Mechanic Airman Certification Standard Reference:	Regulations, Maintenance Forms, Records, and Publications (AM.I.I) Human Factors (AM.I.L)
Topics Covered:	<ol style="list-style-type: none"><li>1. FAA regulations governing the licensing, privileges, and limitations of certificated mechanics</li><li>2. FAA regulations governing maintenance and inspections</li><li>3. FAA and manufacturer publications and documents used in the performance of maintenance and inspections</li><li>4. Human factors and ethics that effect the performance of mechanics</li></ol>
Activities:	<ol style="list-style-type: none"><li>A. Completion of FAA forms</li><li>B. Review of FAA and manufacturer documents</li></ol>

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