

This class will be primarily lecture with a Power Point presentation and supplemental video clips. We will roughly follow this syllabus:

Week 1

- Introduction
- Earliest designs
- Physics involved
- Power sources

Week 2

- Steam engines

Week 3

- Electric motors and batteries
- Fuel Cells
- Internal combustion engines, part 1

Week 4

- Internal combustion engines, part 2

Week 5

- Early attempts to build practical vehicles
- First production vehicles

Week 6

- Beginning of the automobile industry
- Significant developments and inventions to 1900

Week 7

- Significant developments and inventions, 1900 – 1903

Week 8

- Significant developments and inventions, 1904 - 1907

Week 9

- Significant developments and inventions, 1908 – 1911

Week 10

- Significant developments and inventions, 1911 – 1914

Week 11

Effects of WWI on the auto industry