

Green Castle Aero Club
Ground School Syllabus

Session I: Airplanes & Aerodynamics

Reading

Pilot Handbook, Chapters 2, 3, 4, and 5

FARS: Part 21 - Part 39 -

Session II: Airplane Performance and Weight & Balance

Reading

Pilot Handbook, Chapters 9 and 10

FARS: Part 61.1 - 61.85

Session III: Airplane Instruments, Engines, and Systems

Reading

Pilot Handbook, Chapters 6, 7 and 8

FARS: Part 61.87 - 61.329

Session IV: Aviation Weather Services

Reading

Pilot Handbook, Chapter 12

FARS: Part 67.1 - 67.415

Session V: Navigation: Charts, Publications, Flight Computers

Reading

Pilot Handbook, Chapters 14 and 15

FARS: Part 91.1 - 91.169

Session VI: Aviation Weather

Reading

Pilot Handbook, Chapter 11

FARS: Part 91.171 - 91.421

Session VII: Airports, Air Traffic Control, and Airspace / Sectionals / overview

Reading

Pilot Handbook, Chapter 13

NTSB Part 830 & Summary of Current FAR Part Numbers

Session VIII: Aeromedical Factors and Aeronautical Decision Making (ADM)

Reading

Pilot Handbook, Chapters 16 and 17

Session IX: Simulated Flight

Session X: Exam

