




Max Allocated Hours for Course		
ASEL	AMEL	AATD
77.5	0	32.5


INSTRUMENT RATING COURSE SYLLABUS

Stage 1: Instrument Flying Skills

Week 1 Phase 1 Developing Instrument Skills



CTA	Phase Tile: Exploring Instrument Flying
CTA	Phase Tile: Flight Instruments
 <small>Question Review & Test Prep</small>	Complete the <i>Flight Instruments</i> Section in "Questions Review & Test Prep"
CTA	Phase Tile: Radio Navigation Aids and the Magnetic Compass
CTA	Phase Tile: Single-Pilot Resource Management
Videos	Watch all Flight Preview Videos to Complete Phase 1
Fly/Sim	Flight: Developing Your Instrument Scan
Fly/Sim	Flight: Improving Your Instrument Skills
Fly/Sim	Flight: Loss of Heading Indicator (G1000)

Week 2 Phase 2 Polishing Instrument Skills


CTA	Phase Tile: IFR Enroute Charts, Clearances, and Staying Organized
CTA	Phase Tile: Understanding the Weather
CTA	Phase Tile: Instrument Failures and Unusual Attitudes
CTA	Phase Tile: Reading the Weather
 <small>Question Review & Test Prep</small>	Complete the <i>Weather</i> Section in "Questions Review & Test Prep"
Videos	Watch all Flight Preview Videos to Complete Phase 2
Fly/Sim	Flight: IFR Flight Preparation and Clearance
Fly/Sim	Flight: Unusual Attitudes and Failed Instruments (G1000)
Fly/Sim	Flight: Unusual Attitudes and Failed Instruments (G1000 ATD)
Fly/Sim	Flight: Increasing Proficiency (G1000)

Stage 2: Using Navigation Equipment

Week 3 Phase 3 GPS, NDB and VOR Navigation

CTA	Phase Tile: Understanding RNAV and GPS Navigation
CTA	Phase Tile: Understanding NDB Navigation
CTA	Phase Tile: Understanding VOR Navigation
 Question Review & Test Prep	Complete the <i>Navigation</i> Section in "Questions Review & Test Prep"
CTA	Phase Tile: IFR Departures and the Airspace System
 Question Review & Test Prep	Complete the <i>Departure and Arrival Procedures</i> Section in "Questions Review & Test Prep"
Videos	Watch all Flight Preview Videos to Complete Phase 3
Fly/Sim	Flight: GPS for IFR Use and ADF / NDB Navigation (If Installed)
Fly/Sim	Flight: VOR Navigation
Fly/Sim	Flight: Flying Published Departure Procedures

Week 4 Phase 4 Holding Patterns and DME Arcs

CTA	Phase Tile: Holding Patterns and Arrivals
CTA	Phase Tile: DME Arcs
 Question Review & Test Prep	Complete the <i>Holding Patterns</i> Section in "Questions Review & Test Prep"
CTA	Phase Tile: Approach Charts
Videos	Watch all Flight Preview Videos to Complete Phase 4
Fly/Sim	Flight: Flying a Holding Pattern
Fly/Sim	Flight: DME Arcs and Non-Published Holding Patterns
Test	Phase Check for Holds and DME Arcs

Stage 3: Flying Instrument Approaches

Week 5 Phase 5 Precision and Non-Precision Approaches

CTA **Phase Tile:** IFR Rules and Approach Types

CTA **Phase Tile:** ILS Approaches

CTA **Phase Tile:** Localizer Approaches

CTA **Phase Tile:** RNAV Approaches



Complete the *Instrument Approaches* Section in "Questions Review & Test Prep"

Videos Watch all Flight Preview Videos to Complete Phase 5

Fly/Sim **Flight:** ILS Approaches

Fly/Sim **Flight:** RNAV (GPS) Approaches With Vertical Guidance (WAAS)

Fly/Sim **Flight:** RNAV (GPS) Approaches Without Vertical Guidance

Fly/Sim **Flight:** Localizer (LOC) Approaches

Week 6 Phase 6 Automation, ATC and Other Approaches

CTA **Phase Tile:** Incorporating Automation

CTA **Phase Tile:** VOR and NDB Approaches

CTA **Phase Tile:** ATC Clearances Service, and More Approaches

CTA **Phase Tile:** ATC Procedures



Complete the *FAR* and *AIM* Sections in "Questions Review & Test Prep"

Videos Watch all Flight Preview Videos to Complete Phase 6

Fly/Sim **Flight:** VOR/NDB Approaches

Fly/Sim **Flight:** Circling Approaches

Fly/Sim **Flight:** More ILS and Non-Precision Approaches

Test **Phase Check for Instrument Approaches**

Stage 4: Cross-Country and Practical Test Prep

Week 7 Phase 7 IFR Cross Country

CTA **Phase Title:** Procedures for Flying Cross-Country IFR

CTA **Phase Title:** Planning Your Cross-Country Flight

CTA **Phase Title:** Safety Tips and Tools



Complete the *IFR Cross Country Planning* and *Flight Planning* Sections in "Questions Review & Test Prep"

Videos **Watch all Flight Preview Videos to Complete Phase 7**

Fly/Sim **Flight:** Flying IFR Cross-Country

Fly/Sim **Flight:** Approach with Loss of Primary Flight Instruments

Fly/Sim **Flight:** Long IFR Cross-Country

Test **Written Test for Instrument (IKA) and Flight Instructor Instrument (FII) to be Completed After Long IFR Cross-Country**

Week 8 Phase 8 Practical Test Preparation

CTA **Phase Title:** Achieving your Instrument Rating

Videos **Watch all Flight Preview Videos to Complete Phase 8**

Fly/Sim **Flight:** Polishing all IFR Skills

Test **Final Phase Check**