



# Air Safety Institute

## eFIRC Syllabus

The Air Safety Institute's eFIRC Syllabus was developed using guidance in the FAA's Advisory Circular AC61-83H: Nationally Scheduled FAA-Approved, Industry Conducted Flight Instructor Refresher Course (FIRC) which requires 16 hours of training and include specific core modules listed below.

### MANDATORY LESSONS:

1. Navigating in the 21st Century: Pilotage to Global Positioning System (GPS): Technically Advanced Aircraft (TAA) and Automation
2. Security Related Special Use Airspace: What's Going on Where and How to Stay Clear
3. Transportation Security Administration (TSA): What Flight Instructors Have to Know to Stay Out of Trouble
4. How to Teach Effectively and Build a Culture of Safety in Your Students and Workplace
5. Safety Trends In GA: How CFIs Can Directly Contribute to Aviation Safety
6. Pilot Deviations (PD): Their Causes and How to Teach Your Students to Plan Ahead to Avoid Them
7. How to Make the Best Use of the FAA Safety Team (FAASSTeam) and the Pilot Proficiency Program (WINGS) in Your Program of Instruction
8. Regulatory, Policy, and Publications Changes and Updates
9. How to Give an Effective and Useful Instrument Proficiency Check (IPC) and Flight Review
10. Ethics and Professionalism in the Role of the Flight Instructor
11. Loss of Control (LOC) Accidents

Access the course at [eFIRC.org](http://eFIRC.org)

The ASI eFIRC allows you to personalize your course by choosing which electives you would like to take based on your own interests or specialties.

Each instructor renewing their certificate with the ASI eFIRC **must choose and complete six** of the elective units to complete the eFIRC.

### ELECTIVE LESSONS:

1. Instructing With the Airman Certification Standards
2. Decision Making
3. Human Factors
4. Runway Safety (HTML 5) \*
5. Seaplane Safety
6. Survival
7. Teaching Helicopter Safety
8. Unmanned Aircraft Systems (UAS)
9. Aging Aircraft (Flash-based) \*
10. IFR Insights: Cockpit Weather (Flash-based) \*
11. Mountain Flying (Flash-based) \*
12. Public Benefit Flying: Balancing Safety and Compassion (HTML 5) \*
13. Teaching VFR into IMC Avoidance (HTML 5) \*

The lessons with an asterisk (\*) are built upon existing ASI courses. So, if you have completed that course at any time within two years of your CFI expiration date, you will already have partial credit for that lesson inside the eFIRC. You will have to complete a short teaching module and teaching quiz for full credit for the lesson.