



# **INSTRUMENT RATING EXAM (IREX) THEORY**

**PASS YOUR INSTRUMENT RATING EXAM WITH FLYING COLOURS**



#TheSkylsCalling

# OPEN THE DOOR TO A WHOLE NEW WORLD OF FLYING

An Instrument Rating opens the door to a whole new world of flying, allowing you to plan and conduct flights in a far wider range of weather and light conditions. Being able to fly in more conditions means that you are able to build your command hours faster, and an Instrument Rating is a requirement for most aviation career pathways.

The Instrument Rating Examination (IREX) Theory course provides you with detailed insight into Instrument Flight Rules (IFR) theory, and gives you with the knowledge you need to best prepare to pass the CASA IREX exam.

We have a range of course delivery options available including online learning, meaning that you can access the highest quality training from experienced instructors wherever you are in the world.



# **IREX THEORY COURSE DELIVERY OPTIONS & STUDY TIMETABLE**



# LEARN AT YOUR OWN PACE, WHEREVER YOU ARE

Our flexible PPL Theory course delivery options include:

## 1. FACE TO FACE

Scheduled group classes taught at Learn To Fly's state-of-the-art training facility in Melbourne, with 3 additional instructor theory hours included. Choose between a weekday or weekend course schedule

## 2. VIRTUAL CLASSROOM:

Scheduled group classes presented using the Zoom Meeting online platform, with 2 additional online instructor theory hours included. Choose between a weekday or weekend course schedule. Includes 12 months access to videos.

## 3. ONLINE SUBSCRIPTION:

All classes available by secure student portal to watch at your own pace, with discounted instructor theory hours available for extended learning. Includes 12 months access to videos.

# IREX THEORY COURSE TIMETABLE

WEEKDAY COURSE	Face To Face	Virtual Classroom	Online Subscription
Monday	1000 to 1700	1000 to 1700	N/A
Tuesday	1000 to 1700	1000 to 1700	N/A
Wednesday	x	x	N/A
Thursday	1000 to 1700	1000 to 1700	N/A
Friday	1000 to 1700	1000 to 1700	N/A
<b>Total Contact Hours</b>	<b>20 Hours</b>	<b>20 Hours</b>	<b>Approx 20 Hours</b>
<b>Course Duration</b>	<b>1 Week</b>	<b>1 Week</b>	<b>N/A</b>

WEEKEND COURSE	Face To Face	Virtual Classroom	Online Subscription
Saturday or Sunday (Flexible)	0900 to 1800	0900 to 1800	N/A
<b>Total Contact Hours</b>	<b>20 Hours</b>	<b>20 Hours</b>	<b>Approx 20 Hours</b>
<b>Course Duration</b>	<b>3 Weeks</b>	<b>3 Weeks</b>	<b>N/A</b>

Email [hello@learntofly.edu.au](mailto:hello@learntofly.edu.au) for next available **Face To Face** and **Virtual Classroom** course dates. Weekend course days flexible based on student and class preferences. **Online Subscription** course completed at your own pace, with no set timetable required.



# IREX THEORY COURSE SYLLABUS

# INSTRUMENT RATING EXAM (IREX) THEORY SYLLABUS

## PILOT REQUIREMENTS, PUBLICATIONS AND CHARTS

An introduction to IREX, this unit discusses the privileges and limitations of an Instrument Rating, as well as required and relevant documentation, procedures, radiotelephony and charts

## AIRCRAFT GENERAL KNOWLEDGE

This unit looks at the aircraft itself, with in-depth discussion on airframes, propellers, engine types, flight systems, and an introduction to the type and function of flight instruments

## HUMAN FACTORS

Human factors are a crucial consideration in aviation, even as technology grows. In this session we cover health, hearing, vision, balance, stress, fatigue, and TEM (Threat and Error Management)

## METEOROLOGY

Weather plays a critical role in flight planning and safety. This unit introduces you to atmospheric properties, cloud formation, weather phenomena, synoptic charts, forecasts and weather reports

## AIR LAW

There are a large range of laws that govern aviation standards and ensure public safety. We look at regulatory structure, documentation, airspace, flight crew licencing, and rules and regulations

## NAVIGATION

Knowing how to navigate from point A to point B is key to your development as a pilot. We will discuss the theory aspects of time, direction, and speed, and will also look at navigation tools including maps and charts

## FLIGHT PLANNING AND PERFORMANCE

Understanding the performance properties of your aircraft will help you to plan flights. This unit covers ISA (International Standard Atmosphere), pressure, density, takeoff and landing performance, weight and balance

## IREX EXAM

Time Permitted: 3.5 Hours

Pass Mark: 70%



# **COURSE PRICING & ADDITIONAL MATERIALS**



# IREX THEORY - COURSE PRICING

	<h2>Face To Face Classes</h2> <p>Includes 3 additional 1-on-1 Flight Instructor theory hours</p>	<h2>\$2,450</h2> <p>Or 2 x \$1,225 with Splitit Interest Free Monthly Instalments</p>
	<h2>Virtual Classroom</h2> <p>Includes 2 additional 1-on-1 Flight Instructor theory hours</p>	<h2>\$2,450</h2> <p>Or 2 x \$925 with Splitit Interest Free Monthly Instalments</p>
	<h2>Online Subscription</h2> <p>Additional 1-on-1 Flight Instructor theory hours \$37.50/hr (50% discount)</p>	<h2>\$850</h2>
	<h2>Mock IREX Exam Package</h2> <p>Includes 3 mock RPLA practice exams</p>	<h2>\$45</h2>



**Online Subscription** includes 12 months subscription access to the course videos on the LTF Student Portal. Prices are in AUD and are subject to change. You will be charged based on the current pricing schedule at the time of booking. Current as at Jan 2022. **Splitit** allows you to split your costs over multiple interest free monthly instalments. Visit [www.learnstofly.edu.au/splitit](http://www.learnstofly.edu.au/splitit) for full details.

# IREX THEORY - REQUIRED COURSE ITEMS

Course Materials	Availability
Civil Aviation Regulations (CAR) 1988	Available in LTF Student Portal
Civil Aviation Orders (CAO) Parts 20 to 95.2	Available in LTF Student Portal
Aeronautical Information Package (AIP)	Available in LTF Student Portal
En Route Supplement Australia (ERSA) with Runway Distance Supplement (RDS)	Available in LTF Student Portal
Departure and Approach Procedures (DAP) East and West	Student to Purchase
En Route Chart (ERC) Low 1/2, 3/4, 5/6, and 7/8	Student to Purchase
Terminal Area Chart (TAC) 1/2, 3/4, 5/6, and 7/8	Student to Purchase
Planning Chart Australia (PCA)	Student to Purchase
Bob Tait IREX Book	Student to Purchase
Jeppesen CR-3 Flight Computer	Student to Purchase
ATC Square Protractor and Navigation Ruler	Student to Purchase

Some items may be available to purchase through Learn To Fly - please email [hello@learntofly.edu.au](mailto:hello@learntofly.edu.au) for current pricing and shipping costs.



## OUR GRADUATE: PETER CHUN KI CHEUNG

*"The IREX Theory course provides you with essential knowledge about Instrument Flight Rules (IFR) flying and how it works. Learn To Fly provides a well-structured course that tracks your individual progress and makes sure you are ready for the IREX theory exam. Their experienced instructors give you their real-world flying knowledge, rather than just learning solely from information in a book. This is a great course that is a springboard to your future aviation career."* Peter Chun Ki Cheung



# CONTACT US

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