

WISA eLEARNING

Aviation Sustainability

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*Explore the biggest factors
shaping the future of the
industry – and your career.*



UNIVERSITY OF
WATERLOO

| **WISA**



Waterloo Institute for
Sustainable Aeronautics

Meet your instructor

DR. SUZANNE KEARNS is the Founding Director of the Waterloo Institute for Sustainable Aeronautics and Associate Professor of Aviation at the University of Waterloo. An expert in online education and internationally recognized within the industry, she has taught thousands of aviation professionals worldwide. Dr. Kearns is a former airplane and helicopter pilot, as well as the author or co-author of six books, including *eLearning in Aviation* and *Fundamentals of International Aviation*.

Dr. Suzanne Kearns



Explore the biggest factors shaping the future of the industry – and your career.

Aviation Sustainability

About this course

As environmental concerns, labour shortages and technological innovation transform global air transport, it's clear that sustainability is more than just a buzzword. It's the future of aviation – a future where flight connects people, employs communities and minimizes ecological impacts. Creating that future requires ongoing evolution. So how do we get there?

In this course, you'll gain a comprehensive understanding of the key sustainability issues – environmental, social and economic – that are shaping aviation now and into the future. You'll build awareness of how every aviation job, including yours, is a sustainability job, and how we can all work together to build a thriving air transport sector.

STRUCTURE

12 modules with practice quizzes

20 hours of learning

100-question final exam



KEY TOPICS

- > What sustainable aviation is and why it matters
- > Environmental impacts of aviation
- > How aviation affects communities socially and economically
- > Employment issues, including training, health and safety, and diversity, equity and inclusion
- > ESG strategies and corporate responsibility in aviation
- > Emerging technologies for aircraft efficiency and emissions reduction
- > Improving the passenger experience on airlines and in airports
- > Professional opportunities and career paths in sustainable aviation

CREDENTIAL

Earn your certificate of completion when you successfully complete the course exam.

This certificate counts toward your International Aviation Sustainability Certification (IASC).



Related courses

This course is part of the International Aviation Sustainability Certification (IASC), a three-part professional development certification that includes the following credentials:

Fundamentals of International Aviation

Aviation Sustainability

Aviation and Climate Change

Complete any of these courses individually or finish all three to earn the IASC.

Boost your sustainability skills from anywhere

SELF-PACED

On-demand learning means you complete this course on your own time – when you have time.

100% ONLINE

Learn from anywhere! With no travel required, participation is convenient and eco-friendly.

INTERACTIVE

A modern, gamified experience keeps you engaged with fun activities and a virtual instructor to guide you.

GLOBAL-PERSPECTIVE

Expand your view of aviation from domestic to international, wherever you are in the world.

MADE FOR AVIATION

Connect your job to sustainability, no matter where you are in your career or the industry.

Discover why every aviation job is a sustainability job



Aviation is evolving – and so are aviation professionals. Get ahead of what’s coming next.

IMPROVE YOUR SUSTAINABILITY AND CLIMATE LITERACY

whether you’re talking to your boss, colleagues or the media.

BE A WORKPLACE SUSTAINABILITY LEADER

who is committed to the industry’s long-term growth.

DEEPEN YOUR ORGANIZATION’S COMMITMENT

to sustainability and ESG reporting.

UNDERSTAND HOW AND WHERE YOUR CAREER FITS

within a thriving air transport sector.



Launch your professional development journey

Ready to dive in or learn more about WISA's eLearning courses?

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