

WISA eLEARNING

International Aviation Sustainability Certification

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*Demonstrate your leadership
and commitment as you take
on the biggest challenges
facing the future of aviation.*



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 (WISA) 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



Demonstrate your leadership and commitment as you take on the biggest challenges facing the future of aviation.

International Aviation Sustainability Certification

About this certification

Aviation is transforming – and so are aviation careers. The International Aviation Sustainability Certification (IASC) is a three-part professional development credential that's designed to help you get ahead of what's coming next. Whether you're an established aviation professional or new to the industry, this certification will demonstrate your understanding of the global air transport sector and the critical importance of sustainability and decarbonization in shaping its future.

How it works

Successfully complete all three of the following stacking credentials to earn the IASC. You may also take any of these courses individually.

FUNDAMENTALS OF INTERNATIONAL AVIATION

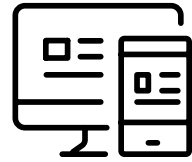
No matter your career stage, this course will deepen your knowledge of the global air transport system. Explore the various roles and activities performed across the sector and how they work together to achieve a safe, reliable and efficient air transport system.

AVIATION SUSTAINABILITY

Sustainability issues challenge us to imagine the future of aviation. In this course, you'll gain a comprehensive understanding of these factors, from environmental impacts to labour concerns to technological change, and learn how we can all work to build a thriving air transport sector.

AVIATION AND CLIMATE CHANGE

The effects of climate change are being felt around the globe – and aviation will need to innovate to mitigate the negative impacts. Learn the key climate issues facing the industry, along with the latest technologies, policies and practices within our hard-to-decarbonize sector.



STRUCTURE

3 course credentials that stack to achieve the IASC certification, for a total of:

34 modules with practice quizzes

60 hours of learning

Key takeaways

- › Develop a global perspective on the entire air transport system
- › Understand sustainability in the industry through an environmental, social and economic lens
- › Build awareness of climate change impacts and decarbonization technologies within aviation

Build sustainability skills and knowledge – anytime, anywhere

SELF-PACED on-demand content.

100% ONLINE for convenient, eco-friendly learning.

INTERACTIVE, gamified experience.

GLOBAL perspective based on ICAO standards.

MADE FOR AVIATION professionals at any career stage.

PROFESSIONAL CREDENTIAL publicly demonstrates your sustainability commitment.

Discover your role in sustainable aviation



Creating a thriving future for air transport will require many bright minds working and evolving together. Be part of the solution.

UNDERSTAND CURRENT ISSUES AND TERMINOLOGY

in the areas of sustainability and climate change.

STAY ON TOP OF THE LATEST INNOVATIONS

practices and policies shaping the future of air transport.

EXPLORE THE FUTURE OF AVIATION PROFESSIONS

including how your career can drive positive change.

BE A CHAMPION FOR SUSTAINABILITY AND CLIMATE ACTION

in your workplace and community.



Launch your professional development journey

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

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Funded by:
Federal Economic Development
Agency for Southern Ontario

Financé par :
Agence fédérale de développement
économique pour le Sud de l'Ontario

Canada