

**11423NAT**

# Advanced Diploma of Artificial Intelligence

## About this course

Studying the 11423NAT Advanced Diploma of Artificial Intelligence will enhance your ability to lead strategic initiatives to improve AI governance, data management, productivity, AI-led innovation and AI-human workforces. It will also elevate your AI literacy and practical AI skills, building your ability to create customised AI assistants, apply foundational data science techniques and more.

## What will I learn?

- Lead AI transformation within an organisation
- Build, test and refine customised AI assistant
- Create a framework of policies, processes and practices to support the ethical and responsible use of AI systems
- Plan for AI-human hybrid workforces and manage AI-based teams
- Develop data-driven insights using AI technologies and foundational data science techniques
- Use AI to inform strategic organisational decision-making and better manage work projects
- Develop AI governance and data management strategies, then oversee their successful implementation

## What are the entry requirements

### International students:

- Have completed Australian Year 12 (or equivalent)
- Be at least 18 years of age
- Hold IELTS 6.0 English language equivalence if a non-native English speaker
- Have access to a computer and reliable internet connection.

## Career Opportunities

- AI Transformation Lead
- Data and AI Governance Advisor
- AI Consultant
- Automation and AI Manager
- AI Business Analyst
- AI Business Enablement Partner
- AI Strategy Manager
- AI Governance Lead

## Course Overview



Qualification  
**Advanced Diploma**



CRICOS code  
**120013H**



Study mode  
**Blended learning**



Duration  
**52 weeks**



Units  
**10 Units of Competency**

# Course Units

Unit code	Unit name	What students gain from studying this unit
NAT11423001	Lead Artificial Intelligence driven business transformation	Be ready to navigate digital transformation in an AI-focused world. Discover how to assess organisational readiness for AI change. Then plan AI business transformation and build employees' support for AI-driven changes.
NAT11423002	Design an Artificial Intelligence workforce	Learn how to determine the requirements for a AI-human hybrid workforce and develop an AI workforce strategy. Also discover best practices for getting human employees to work effectively alongside their AI counterparts.
NAT11423003	Implement data science using Artificial Intelligence	Build your understanding of key data science concepts. Be equipped to use a combination of AI technologies and data science principles to effectively analyse data.
NAT11423004	Use Artificial Intelligence for strategic decision-making	Discover how you can develop decision-making frameworks. Then use AI workflows to analyse different options and inform your strategic decisions.
NAT11423005	Use Artificial Intelligence technology to manage projects	Learn to oversee and complete your work projects in smarter, more efficient ways. Be equipped to leverage AI to make project predictions, automate repetitive project tasks, optimise project resources and analyse project performance.
NAT11423006	Create custom Artificial Intelligence assistants	Build your understanding of AI agent and AI assistants. Discover how to analyse workplace tasks and identify opportunities for delegating tasks to AI. Then create your own customised AI assistants using readily accessible no-code and low-code tools.
NAT11423007	Develop and implement an Artificial Intelligence governance strategy	Grow your understanding of key considerations relating to AI governance, including AI transparency, data governance, AI explainability, risk management and more. Be equipped to build and implement strategic AI governance strategies.
NAT11423008	Prepare an Artificial Intelligence data strategy	Discover how organisations can better leverage their data. Develop your knowledge of important AI data management techniques and processes. And learn how to prepare effective AI data strategies for an organisation.
NAT11423009	Apply Artificial Intelligence for creativity and innovation*	Build your knowledge of the innovation lifecycle and key creativity principles. In this unit, you'll learn how to critically assess organisational innovation. Then develop and promote strategies for using AI to support innovation.
NAT11423010	Use Artificial Intelligence to increase organisational productivity*	Explore how AI can be leveraged to streamline workplace activities, increase efficiency and improve business outcomes. In this unit, you'll discover how organisational productivity can be analysed. You'll also learn how to develop and implement AI initiatives designed to enhance productivity.