



Certificate IV in Information Technology (Games and Intelligent Systems)

National ID: ICT40120 | State ID:AE09

Have a hand in shaping the future of gaming and smart technologies.

From hands-on game development to navigating the nuances of intelligent systems, this course promises an immersive learning expedition. Balancing intricate technical skills with team collaboration essentials, it's the pathway to a groundbreaking career in the cutting-edge intersection of gaming and smart tech.

Dive in and be part of the future today.

During game development sessions, you'll work with top-of-the-line VR headsets, leveraging both the Unity and Unreal game engines.

Meanwhile, in the robotics sessions, you'll engage with Arduino, Raspberry Pi, and Jetson Nano microcontrollers, establishing sophisticated IoT networks that feed data to machine learning algorithms.

Gain these skills

- **Programming & Software Development:** The foundational knowledge to write, test, and optimize code across multiple languages, with an emphasis on both introductory and advanced techniques, as well as mobile and data-driven application development.
- **Understanding & Implementing Emerging Technologies:** Proficiency in identifying, evaluating, and implementing current and futuristic tech, especially in areas like IoT and intelligent systems.
- **Collaborative & Critical Thinking Skills:** The ability to work effectively within the ICT industry's team dynamics and apply advanced critical thinking to streamline and enhance work processes.

Your qualification prepares you for roles such as:

Junior Game Developer: Assisting in the design and development processes of video games, working under senior developers to learn and apply programming skills.

IoT Technician: Supporting the implementation and maintenance of IoT devices and networks in various environments.



IT Support Specialist: Providing technical support, troubleshooting issues, and assisting clients with ICT-related problems.

Database Assistant: Helping manage and query relational databases, ensuring efficient data storage and retrieval.

QA Tester: Testing games and software applications for bugs, glitches, and overall performance, providing feedback to development teams

Further Study Option(s)

Diploma of Information Technology (Games and Intelligent Systems)

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Course Overview



| Location | Duration | Competitive | Selection criteria |
|------------------------------|---------------|-------------|-----------------------|
| Joondalup (Kendrew Crescent) | Two semesters | No | No selection criteria |