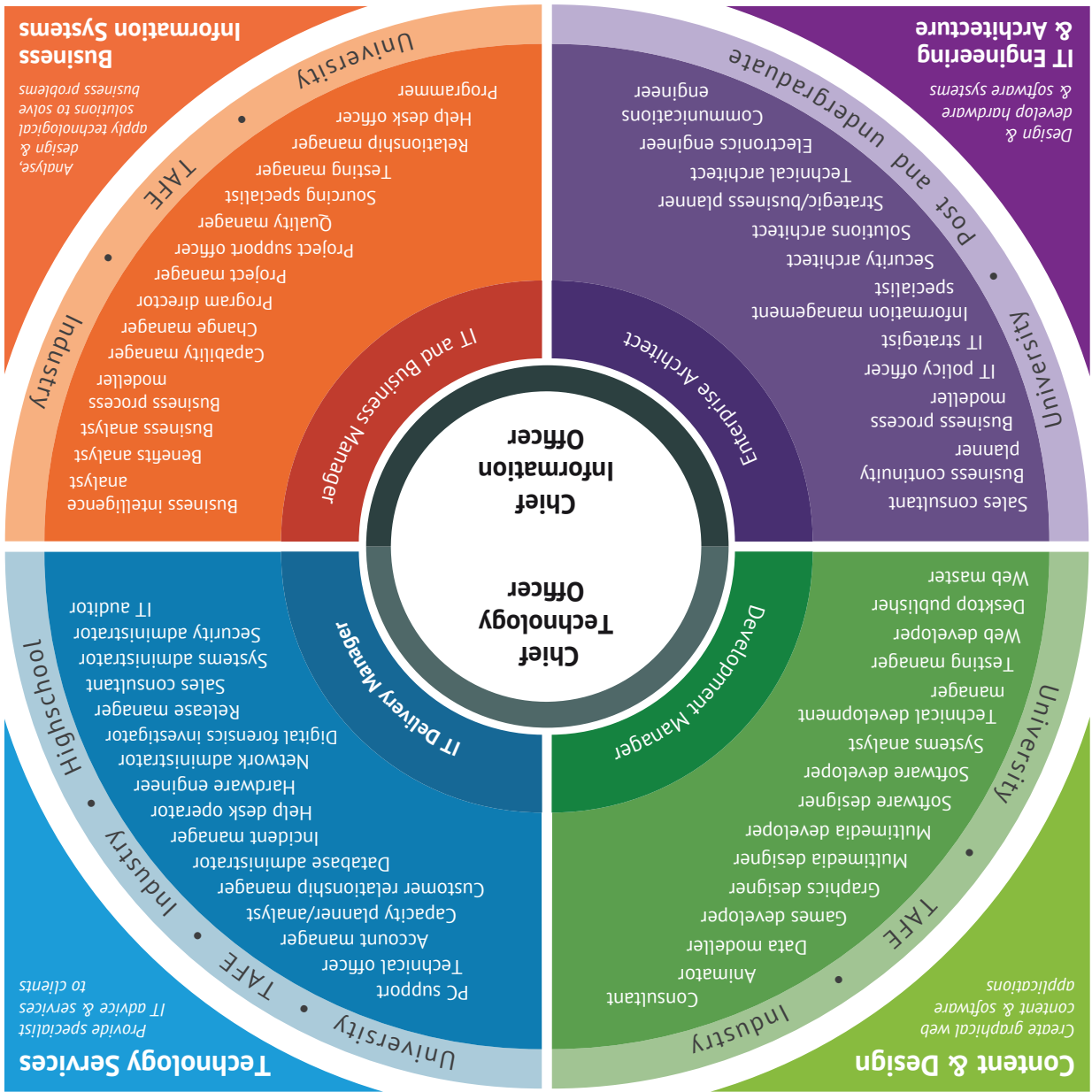


ICT Career Wheel for students



The secret ingredient for landing your dream job is 'work experience'. When a study is combined and integrated with an industry placement (such as an internship), more possibilities open up.

Don't Dream About It! Live It!

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www.ictweek.info
ICT: START HERE GO ANYWHERE

ACS Foundation

DIRECTIONS

The *ICT Career Map for Students* outlines pathways into the exciting world of Information and Communications Technology (ICT). Technology based careers are growing in every industry and every country across the world. **There are hundreds of job roles within the ICT industry, and job opportunities are constantly growing and evolving.** Broadly speaking, the ICT Industry can be grouped into the following four key career disciplines.

1. Content & Design
2. Technology Services
3. IT Engineering
4. Business Information Systems

The ICT Career Wheel and Career Map outline some of the ICT job roles and tertiary educational pathways for the ICT industry. New technologies are always being invented and applied, so there really is no limit as to where the ICT industry will be tomorrow. No matter which ICT discipline interests you, developing skills in science, technology, engineering or mathematics can be a helpful foundation. **Your imagination really is our future.**

Australia has a proud history of valuing innovation, creativity and entrepreneurship. The ACS Foundation supports Australia's technology future by providing educational scholarships that help grow Australia's future ICT leaders. The ACS Foundation provides Work Integrated Learning scholarships to ICT students to help them successfully move from their studies into rewarding technology careers.

For more information on how you can apply for an ACS Foundation Scholarship, visit:

www.ACSFoundation.com.au

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WATCH ICT CAREER VIDEOS

youtube.com/ACSFoundation

Get Connected!

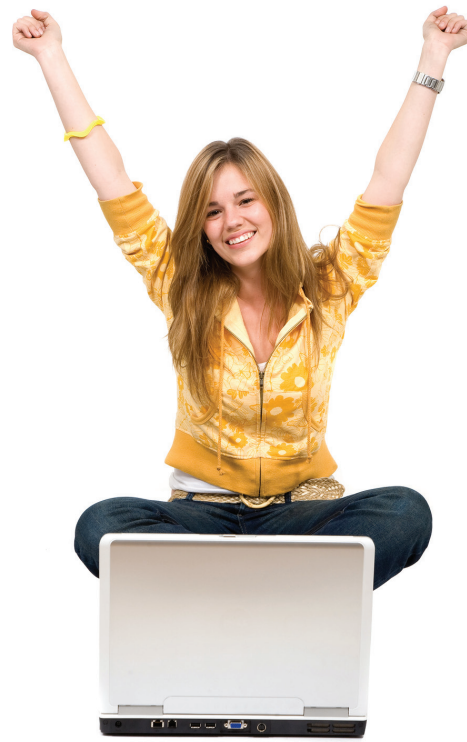


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ICT Career Map for students

Choose where you want to be



CONTENT & DESIGN

Create graphical web content and software applications

MULTIMEDIA

TAFE/PRIVATE COLLEGE*

- » Mass Communication
- » Graphic Design (Animation or Digital Production)*
- » Information Technology (Multimedia)*
- » Screen Animation*

UNDERGRADUATE DEGREE

- » Mass Communication (Multimedia)
- » Interactive Digital Design
- » Multimedia Design

POSTGRADUATE STUDIES

- » Graduate Certificate in Creative Industries
- » Graduate Diploma in Two Dimensional Digital Design

CAREERS

- » Digital Image Producer
- » Digital Image Director
- » Digital Media Manager
- » Animator
- » Games Artist
- » Creative Director
- » Graphic Designer
- » Illustrator
- » IT Consultant
- » Multimedia Software Designer
- » Multimedia Author
- » Motion Screen Designer
- » Desktop Publisher
- » And more...



IT ENGINEERING & ARCHITECTURE

Design and develop hardware and software systems

ELECTRICAL & ELECTRONIC ENGINEERING

TAFE

- » Electrotechnology

CAREERS

- » Computer Services/ Business Equipment Technician
- » Sales Consultant
- » And more...

TAFE

- » Electronics and Communications Engineering
- » Computer Systems Engineering

CAREERS

- » Engineering Associate
- » Technical Officer
- » And more...

UNDERGRADUATE DEGREE

- » Electrical Engineering
- » Computer Engineering (Electronics and Communications)
- » Industrial Computer Systems Engineering

CAREERS

- » Electrical Engineer
- » Electronics Engineer
- » Embedded Hardware & Interface Developer
- » Mobile Device & Wireless System Integrator
- » IT Project Consultant
- » Computer Systems Engineer
- » Communications Engineer
- » CIO, CTO
- » And more...



TECHNOLOGY SERVICES

Provide specialist IT advice and services to clients

NETWORK & COMMUNICATIONS

TAFE/PRIVATE COLLEGE*

- » Information Technology (Networking)
- » Computing and IT*
- » IT Network Administrator*
- » Information Technology*
- » Electronics and Communications
- » IT Systems Engineer*
- » IT (networking)*
- » Vendor Certification Engineering

WEB DESIGN

TAFE/PRIVATE COLLEGE*

- » Information Technology (Website Design, Website Development)
- » Multimedia*

UNDERGRADUATE DEGREE

- » Internet Design
- » Creative Industries
- » Multimedia Design
- » Digital Media

POSTGRADUATE DEGREE

- » Graduate Diploma in 2 Dimensional Digital Design

CAREERS

- » Website Designer
- » Internet Webmaster
- » Web Applications Developer
- » And more...

INDUSTRIAL MODELING & ARCHITECTURE

TAFE

- » Electrotechnology (Industrial Electronics and Instrumentation)

CAREERS

- » Engineering Associate
- » Technical Officer
- » And more...

UNDERGRADUATE DEGREE

- » Industrial Modeling and Optimisation
- » Computer Engineering
- » Industrial Computer
- » Mechatronics Engineering
- » Systems Engineering
- » Scientific Computation

POSTGRADUATE STUDIES

- » Graduate Diploma in Industrial Modeling and Optimisation

CAREERS

- » Mechatronics Engineer
- » Robotics Engineer
- » Computer Systems Engineer
- » Industrial Engineer
- » Aerospace Engineer
- » Project Manager
- » CIO, CTO
- » And more...

SOFTWARE ENGINEERING

TAFE/PRIVATE COLLEGE*

- » Information Technology (Software Development)
- » Computing and IT*
- » Information Technology*

UNDERGRADUATE DEGREE

- » Software Engineering
- » Computer Science
- » Computer Technology

CAREERS

- » Software Architect
- » Engineer
- » Software Developer
- » Programmer
- » Commerce Developer
- » Games Developer
- » CIO, CTO
- » And more...

COMPUTER SECURITY & DIGITAL FORENSICS

TAFE/PRIVATE COLLEGE*

- » Diploma of Information Technology (Networking)
- » Computing and IT*
- » Information Technology*

UNDERGRADUATE DEGREE

- » Cyber Forensics
- » Information Security
- » Computer and Network Security
- » Computer Science
- » Computer Technology
- » Internetworking and Security

POSTGRADUATE STUDIES

- » Graduate Diploma in Internetworking and Security
- » Graduate Certificate in Computer Security, Digital Forensics

CAREERS

- » Digital Forensics Investigator
- » Computer Intelligence Officer
- » Computer Security Auditor
- » Systems Administrator
- » Internet Security Officer
- » CIO, CTO
- » Security Consultant
- » And more...

SOFTWARE ENGINEER

TAFE/PRIVATE COLLEGE*

- » Information Technology (software development)
- » Computing and IT*
- » Information Technology

UNDERGRADUATE DEGREE

- » Software Engineering
- » Computer Science
- » Computer Technology

CAREERS

- » Software Architect/Engineer
- » Software Developer/Programmer
- » CIO, CTO
- » Games Developer
- » Ecommerce Developer
- » And more...

BUSINESS INFORMATION MANAGEMENT

TAFE

- » Information Technology (Certificate)
- » Data Entry Officer
- » Database Administration Support Officer
- » Computer Operator
- » And more...

CAREERS

- » Data Entry Officer
- » Computer Operator
- » And more...

TAFE/PRIVATE COLLEGE*

- » Information Technology (Systems Administration)
- » Computing and IT*
- » Diploma in Information Technology*
- » Vendor Certification

UNDERGRADUATE DEGREE

- » Information Technology
- » Information Systems
- » Information Security and Management
- » Computer Technology

POSTGRADUATE STUDIES

- » Graduate Certificate of Business (Management Information Systems) or Information Systems
- » Graduate Diploma of Business (Business Technology) or Information Systems
- » Postgraduate Diploma in Commerce (Information Systems)

CAREERS

- » Business Information Manager
- » Project Manager
- » Systems Analyst
- » IT Business Analyst
- » Software Architect
- » Systems Administrator
- » Business Analyst
- » CIO, CTO
- » And more...

COMPUTER SCIENCE

UNDERGRADUATE DEGREE

- » Computer Science
- » Computer Technology
- » Information Technology

CAREERS

- » Computer Programmer
- » Systems Analyst
- » IT Consultant
- » Ecommerce Developer
- » Project Manager
- » Support Officer
- » Database Administrator
- » CIO, CTO
- » Games Developer/ Designer
- » Systems Administrator
- » Webmaster
- » Computational - Scientist
- » And more...

WEB DEVELOPMENT

TAFE/PRIVATE COLLEGE*

- » Information Technology
- » Websites/Website Administration
- » Computing and IT*
- » Information Technology*

UNDERGRADUATE DEGREE

- » Internet Computing
- » Computer Science
- » Computer Technology

CAREERS

- » Web Designer
- » Web Developer
- » Software Developer
- » Systems Analyst
- » Ecommerce Developer
- » Webmaster
- » CIO, CTO
- » And more...

GAMES DEVELOPMENT

TAFE/PRIVATE COLLEGE*

- » Diploma of Information Technology (Software Development)
- » Computing and IT*
- » Information - Technology*

UNDERGRADUATE DEGREE

- » Computer Science
- » Software Engineering
- » Computer Technology

POSTGRADUATE STUDIES

- » Graduate Diploma in Games Programming

CAREERS

- » Games Designer
- » Games System Designer
- » World Designer
- » Games System Engineer
- » Game Client Engineer
- » Software Developer
- » CIO, CTO
- » And more...

INFORMATION TECHNOLOGY

POSTGRADUATE STUDIES

- » Graduate Certificate in Information Technology
- » Postgraduate Certificate /Diploma in Information Technology
- » Graduate Diploma of Science (Computer Consultancy)

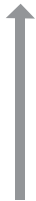
UNDERGRADUATE POSTGRADUATE

- » Graduate Certificate in Information Technology
- » Postgraduate Certificate /Diploma in Information Technology
- » Graduate Diploma of Science (Computer Consultancy)

CAREERS

- » IT Systems Developer/Specialist in Geographical Data
- » Special Data Analyst
- » Computer Programmer
- » Computer Systems Analyst
- » Database Administrator
- » IT Manager/Consultant
- » Systems Administrator
- » Computer Support Officer
- » Ecommerce Developer
- » Project Manager
- » Web Developer
- » Webmaster
- » Network Security Officer
- » Computer Consultant
- » CIO, CTO
- » And more...

KEY:



TAFE/PRIVATE COLLEGE



UNIVERSITY