Digital Transformation: Impact on careers and business courses

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STUDENT PANEL

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NOT SINCE THE EARLY 1900s...

have we seen this level of technological innovation
V (volatile) U (Uncertain) C (Complex) A (Ambiguous)
“We have entered the Fourth Industrial Revolution, an era where automation, machine intelligence and universal interconnectivity is transforming the workplace and redefining opportunities.”

Schwab 2017
Brynjolfsson & McAfee 2016
TECHNOLOGICAL ACCELERATION

1. Mobility (devices, data, intelligence)
2. IoT (ubiquitous comms, cheap chips)
3. Cloud (VLS computing)
4. Machine intelligence
5. Big data
6. Mobile payment systems
7. Personalization
8. Voice control, conversational
9. Virtual reality
10. Silicon photonics
11. Software writing software
12. 3-D printing
13. Wearables & quantified self
14. Cyber attacks
15. Online markets
16. Lightweight, low altitude satellites
17. Drones
18. Native advertising
19. Driverless vehicles
20. Robotics, industrial automation
21. Adaptive, gamified education
22. Near-instant product delivery
23. Freelance employment model
24. Assetless company
25. Nano-machines
26. Genomics
27. Economical solar, wind, tidal power
AUSTRALIA – 10 to 15 years…..

40% of Australian jobs Automated?

Source: The New Work Order, FYA 2015; Frey and Osborne 2013

11% of service jobs delivered remotely?

Source: Frey and Osborne 2013

5 million jobs replaced by technology in the next 10 – 15 years

Source: Fiona Anson JogGetter CEO, workforce data and analytics platform

30% of Australian workers already in flexible working arrangements

Sources: Nurvala 2015; Bridgstock 2016

A average 25 year old may have more than 17 jobs in 5 Industries

Source: FYA 2016

one billion workers from emerging economies

Source: CEDA 2017
EMERGING OCCUPATIONS  (https://www.futureworksummit.org)

- Big data analysts
- Sales and marketing professionals
- Organisational development specialists
- Digital transformation specialists
- Software and applications developers and analysts
- General and operations managers
Human Skills
(Narelle Stefanac, ANZ
https://www.futureworksummit.org)

1. Analysing and problem-solving
2. Working well with others
3. Goal oriented
4. Learning and self-development
5. Adapting to change

Business School and University opportunities

- Work Integrated Learning (WIL)
- International Study Tours
- Study abroad
- Industry Mentoring program
- Corporate and Community Projects
- Graduate Employers on campus and Industry networking
- Volunteering
- Business Clubs and Societies partnered events
- Alumni on campus for student events
- Career Connect

(Narelle Stefanac, ANZ
https://www.futureworksummit.org)
• Double degrees
• Capstone units
• Electives – industry placements, consulting projects, study tours, study abroad (79 Business School specific partnerships)
• Entrepreneurship designed and delivered by experts
  - Innovation & Entrepreneurship in Silicon Valley
  - Innovation & Entrepreneurship in Europe (Turin, Italy)
• Student development program – mentoring, networking, Career Connect, Student Futures, co-curricular program - Student Professional Development Symposium, The Generator, Green Steps
## DOUBLE DEGREES WITH OTHER FACULTIES

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<th>Double Degrees Course</th>
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STUDENT FUTURES

- Communication
- Creativity & Innovation
- Initiative & Enterprise
- Intercultural Competence
- Planning & Organisation
- Problem Identification & Solution
- Professionalism
- Teamwork
- Use of Tools & Technology
Thank you and Q&A