



Australian Council of Deans of ICT

***Articulation, Pathways and
HE targets***

a TAFE perspective

Kevin Harris

Director TAFE NSW – Northern Sydney Institute

Board Member - TAFE Directors Australia

www.nsi.tafensw.edu.au

Australian Higher Education Targets

- 40% of the 25-34 yr olds to have a bachelor degree by 2025
- 20% of higher education enrolments are from low SES backgrounds by 2020

More of the same won't do!

- *“This aspiration will not be achieved without successful implementation of the new tertiary sector!”*
- *‘New tertiary sector’!* – What is it?
 - UA and TDA discussions
 - Protocols and definitions....
- ***Models for success!?!***

Role of NSI as a TAFE NSW Institute

- Our role is to provide workforce development and vocational skills.
- Our customers are individuals seeking to improve their vocational prospects and enterprises who wish to improve productivity through workforce development.



NSI's all points of the compass strategy...

Improve Access



Integrate Pathways

Optimise Articulation

Grow Capability as a HE provider

In partnership with selected universities

- Build and provide **optimum articulation** pathways
- Provide seamless learning experience through highly **integrated** pathways
- **Improve access** through targeting high demand, high employment outcome industry areas
- **Grow our capability** as a HE provider of community and industry services



TAFE NSW as a HE provider

- Registered Higher Education provider
- NSI's degree programs:
 - Filling gaps in skill shortage areas
 - Capitalising on our very strong area of expertise and links with Industry
 - Further strengthening our brand as a national vocational education leader
 - Bachelor ICT (Network Engineering Security)



NSI's University partners

- **Optimised articulation** pathways: Charles Sturt University
- **Integrated** pathways: Australian Catholic University
- **Growing capability** as a HE provider: University Western Sydney
- **Improving access** to high employment outcome industry areas: Macquarie University



Optimised Articulation: Charles Sturt University Partnership

Focus on improving “Articulation”...

- Multiple VET pathways into Bachelor Business Studies
- 2 years TAFE and 1 year conversion
- Degree delivered by NSI staff at NSI campus
- Staff and facilities approved by CSU



Optimised Articulation: Charles Sturt **University Partnership**

Benefits for Students

- Multiple VET pathways to a “one year to go” degree
- Guaranteed entry to degree
- Delivered at NSI by NSI teachers – no “stop VET and start Uni” study challenges
- Clearly defined qualification exit points
- Small class size
- Scholarship opportunities



Integrated pathways: Australian Catholic University Partnership

Developing highly integrated pathways

- Integrated delivery of 3 qualifications (Diploma, Advanced Diploma and Degree)
- Teaching and learning strategies developed in partnership
- Delivery is by both ACU lecturers and NSI teachers from day 1 of the program



Integrated pathways: Australian Catholic University Partnership

Benefits to Students

- One program – a seamless learning experience with VET and Degree course interwoven
- Fast track and opportunity to receive a Diploma, Advanced Diploma and Degree over 3 years
- Students gain experience in higher education studies in each year of study



Growing capability as a HE provider: **University Western Sydney Partnership**

- ***Objective***
 - Grow our capability to achieve our mission as a VET *and* HE provider
- ***Strategy***
 - Working together to develop and deliver online training – a new model for capability development for small businesses and employability skills.



Growing capability as a HE provider: **University Western Sydney Partnership**

Benefits to Industry, Community and Individuals

- Access to enhanced opportunities and services through university and TAFE working as one
- Access to integrated on-line/face to face services



Improving access to high employment outcome industry areas: Macquarie University Partnership

- ***Objectives***

- increase access to degree programs
- enhance student learning experience
- pool our connections to industry
- grow our collective capability

- ***Strategy***

- target a high demand high employment outcome industry area



Improving access to high employment outcome industry areas: Macquarie University Partnership

Benefits for Students

- Increased opportunity to get a place in a highly competitive program
- Access to both TAFE and University facilities, resources and support services
- Places are Commonwealth Supported – students have access to HECS-HELP loans



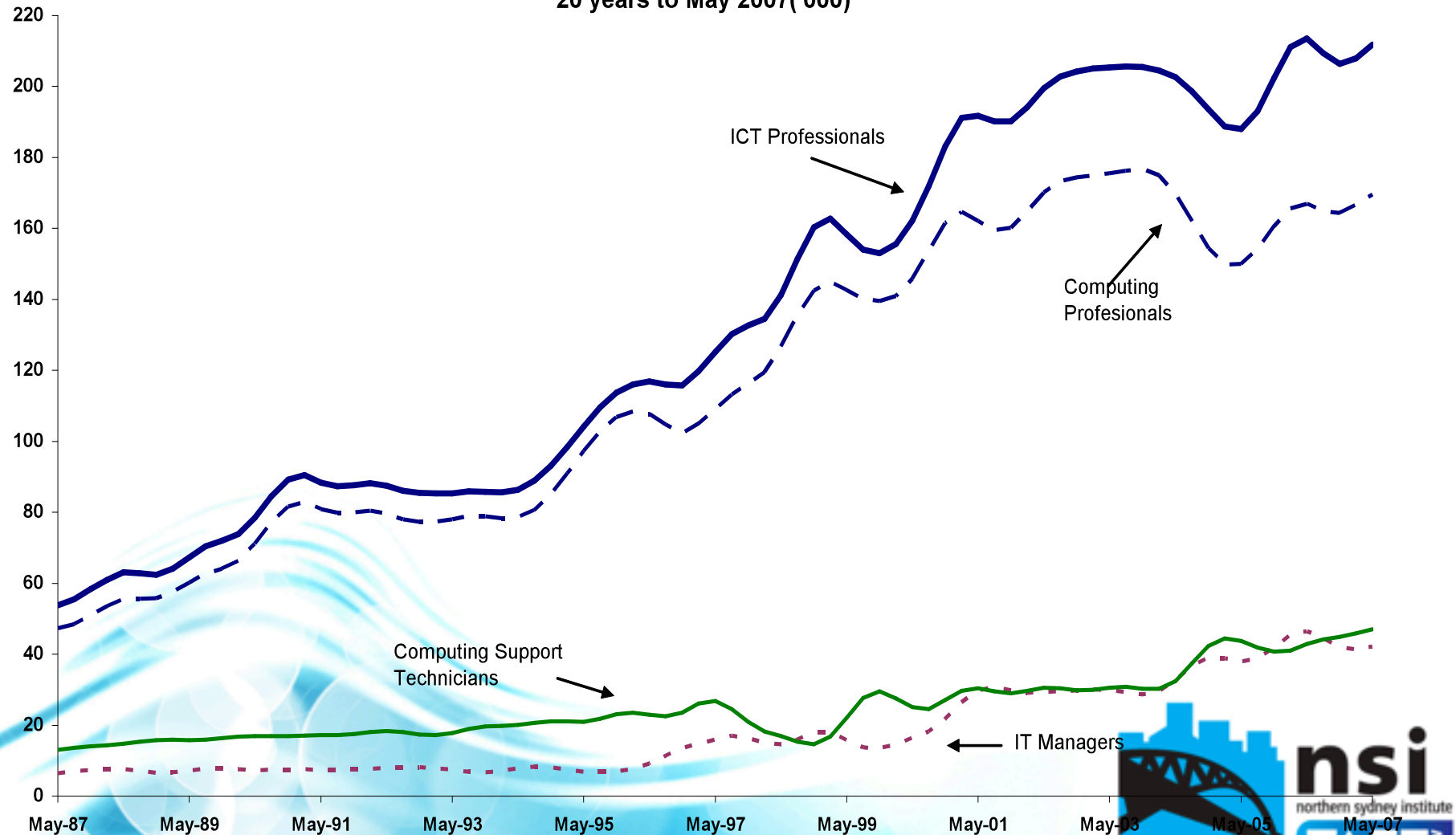
Measure of Success??!!

- For the prospective student aged somewhere between 16 and 80++:
 - More opportunities
 - More choices
 - Savings in cost and time
 - A hands on and supportive learning environment
 - Multiple exit and re-entry points with recognition and without penalty



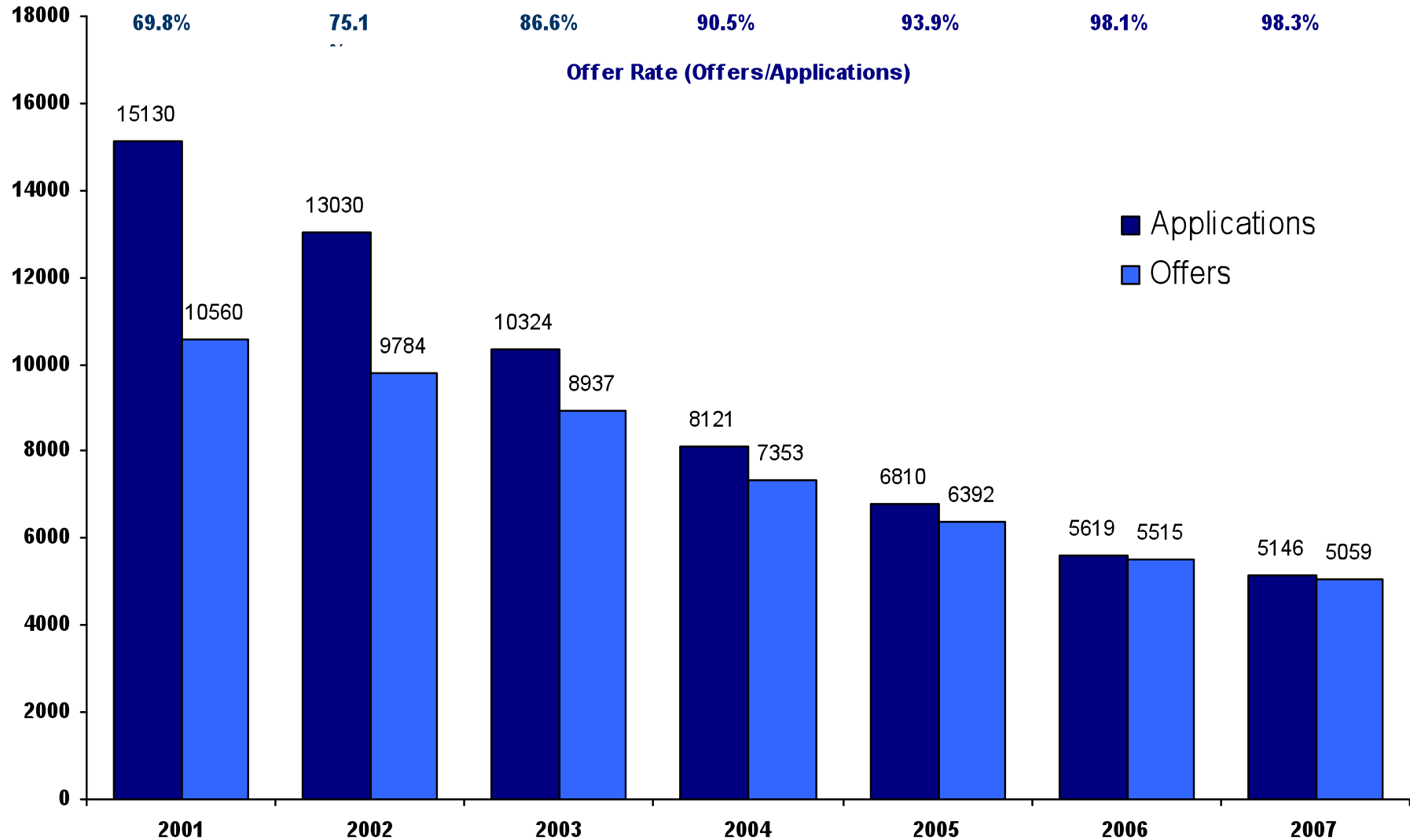
ICT Trends in Employment

ICT Occupations - Employment Trends
20 years to May 2007('000)

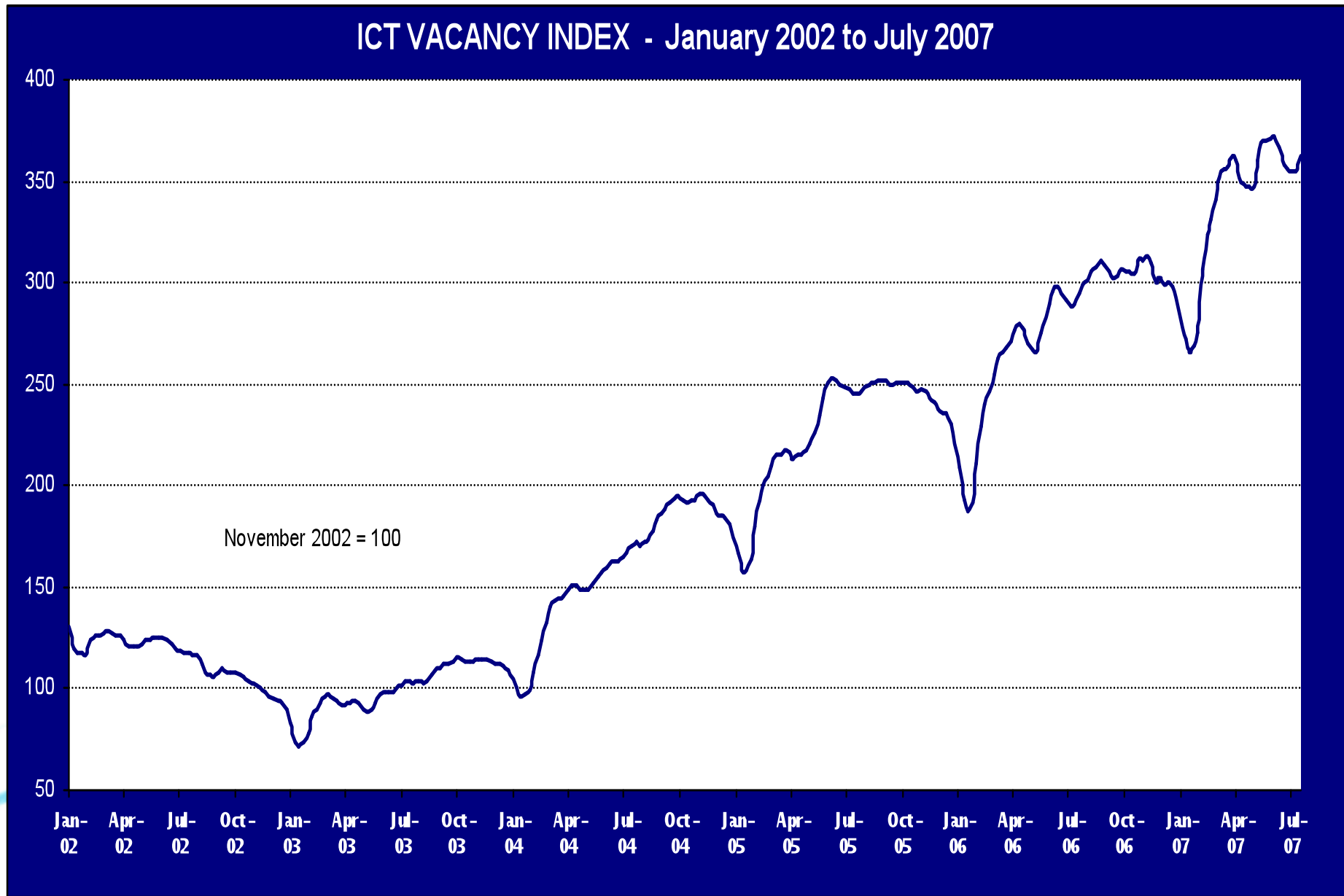


Higher Education - IT Applications and Offers

Eligible Applications and Offers for Information Technology - 2001 to 2007



ICT Vacancy Index (DEWR)



NSW Student Movement 2009

639,904

Go to University 7.2%



332,477

9.6% Uni Grad to
TAFE NSW



NSW VET

University



TAFE nsw Articulation Agreements

- Currently 99 ICT "Approved articulation agreements"
- For 36 TAFE courses (Dip and AdvDip)
- To 11 Universities
- No arrangement the same!!
- Go to

www.tafensw.edu.au/career/pathways/tafe_to_university.htm to see the list



How do TAFE students perform?

- Conflicting, inconsistent and anecdotal advice from University partners.
 - High achievers and
 - Lack interpersonal, communication, research and problem solving skills
- Hard data needed.

Agreements - what goes wrong!?

- Most common issue is the lack of documented agreement and process descriptions so when people move on...
- Lack of maintenance and review of agreement
- Changes in "Training Packages".

Opportunities

- Build from the ground up and the top down
- Integrated programs for seamless learning experience
- Identify the blockers and remove them
 - Underpinning mathematic skills
 - Complicated articulation leading to misinterpretation
- Capitalise on our complementing strengths

Thank you

kevin.harris@tafensw.edu.au





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