

Improving Learning

Embedding employability in the Curriculum – Strategies to improve outcomes for university graduates

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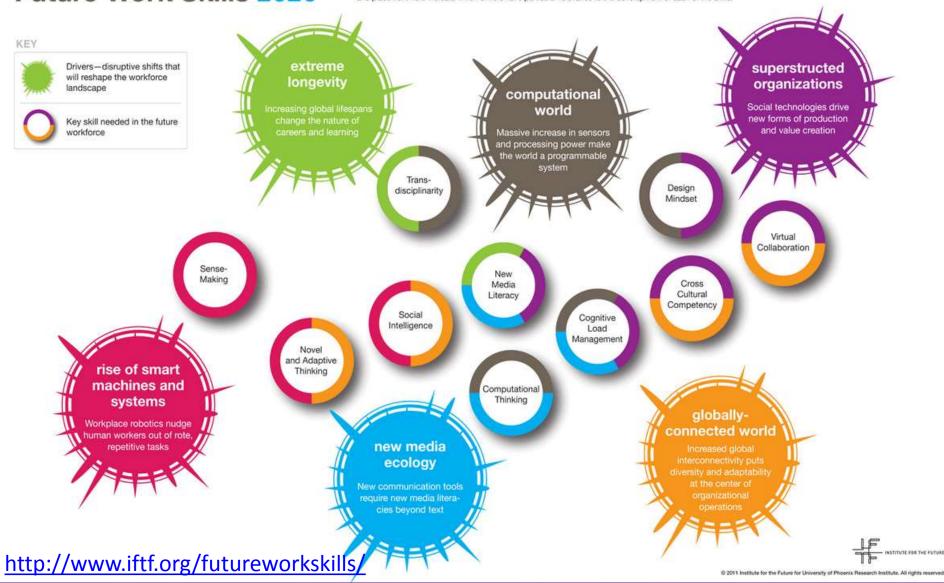
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Future Work Skills 2020

While all six drivers are important in shaping the landscape in which each skill emerges, the color-coding and placement here indicate which drivers have particular relevance to the development of each of the skills.





Who is responsible for employability?

Students

Institutions

Australian Council for Educational Research

Employers



Senior academic

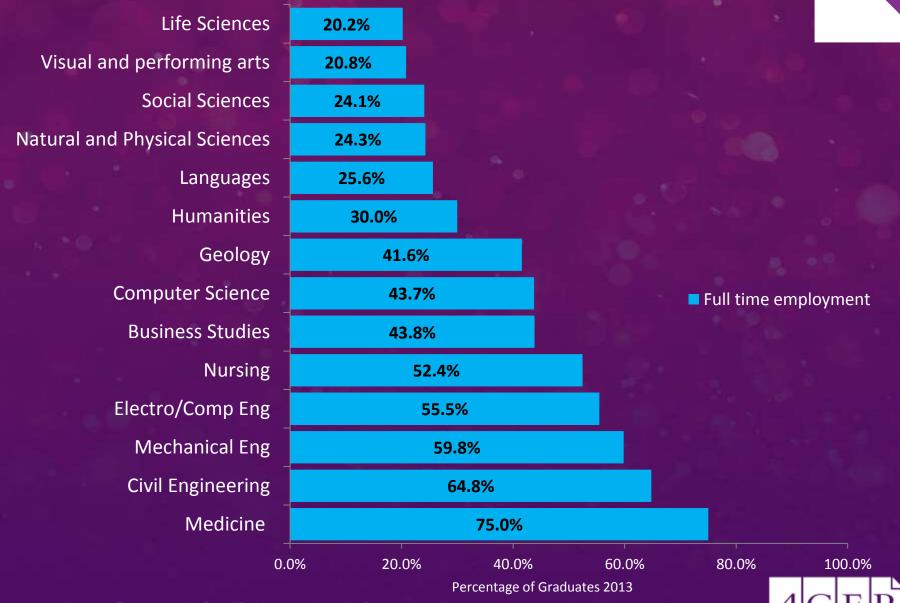
"The great bulk of university academics, outside of ... fields with very clear intended career outcomes, know nothing at all about what graduate jobs exist in their fields of study ... nor about how to find those jobs.

Most have never worked outside of academia, and many have limited contacts with industry, and nor do they want to have any. They do not see it as part of their job to help students with their careers ... they do not want to "sacrifice" classroom time to talk about careers ...

The basic problem is that **they don't have anything to say**, and don't particularly want to have anything to say"



4 to 6 months after graduation



Life Sciences 20.2% 46.6% Visual and performing arts 20.8% 50.3% **Social Sciences** 24.1% 47.3% Full time employment Natural and Physical Sciences 24.3% 40.2% Part time employment Languages 25.6% 42.9% **Humanities** 30.0% 42.9% Geology 41.6% 30.9% **Computer Science** 43.7% 24.5% **Business Studies** 43.8% 28.1% Nursing 52.4% 36.8% Electro/Comp Eng 55.5% 16.4% **Mechanical Eng 59.8%** 16.0% **Civil Engineering** 64.8% 13.6% Medicine 75.0% 10.4% 0.0% 20.0% 80.0% 40.0% 60.0% 100.0% Percentage of Graduates 2013

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46.6% 17.2% Full time employment Part time employment Self employed 42.9% 24.5% 28.1% 16.4% 10.4% 20.0% 40.0% 60.0% 80.0% 100.0% Percentage of Graduates 2013

University Vice-Chancellor

"Jobs are scarce and digital disruption is causing confusion.

Employability is not employment.

Employability is the collection of evidence learning outcomes, experiences and knowledge that enable a student to be fit for the purpose of employment".



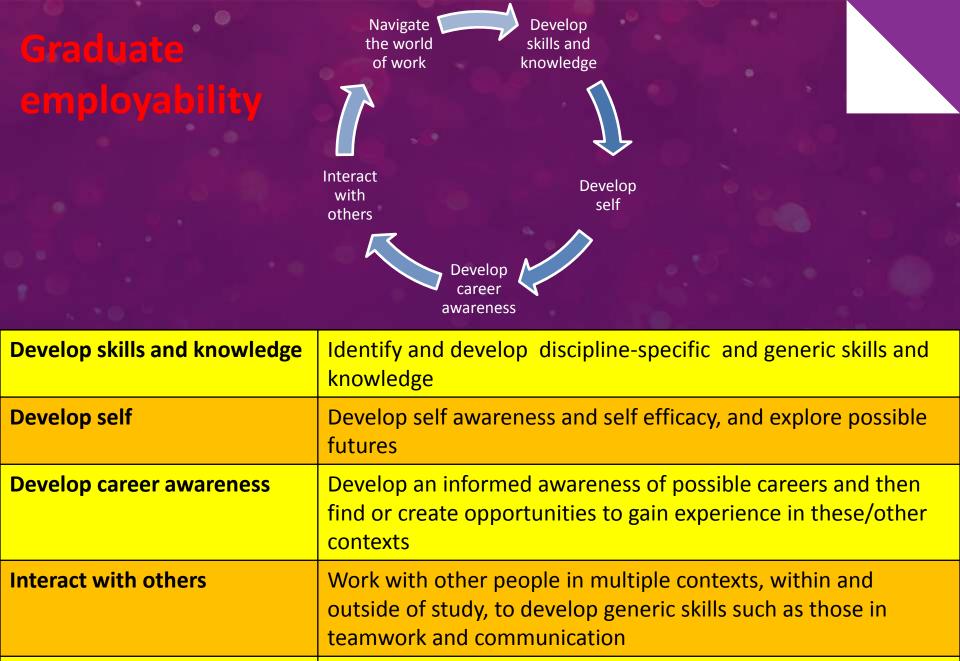
Data collection

Case studies - 23 graduates, 22 students, 13 academic leaders, 2 careers advisors

Surveys

Field of education	n	%
Bio-science and medical science	30	7.2
Information technology / computer science	43	10.4
Visual and performing arts	172	41.4
Communications (professional and creative writing)	17	4.1
Occupational therapy and other health disciplines		27
Other Social Sciences	17	4.1
Other fields (less than 10 responses per field)	14	3.4
Not given	10	2.4
Total	415	100





Navigate the world of workApply information relating to work and/or further study and
establish goals to achieve these.

Percentage of students who referred to the employability categories (survey)

Employability categories (%)	What employers look for in graduates
Skills and knowledge	75
Developing career awareness	53
Interacting with others	40
Developing self	46
Navigating the world of work	1



Percentage of students who referred to the employability categories (survey)

Employability categories (%)	What employers look for in graduates	Characteristics of professionals
Skills and knowledge	75	54
Developing career awareness	53	62
Interacting with others	40	67
Developing self	46	34
Navigating the world of work	1	1



Percentage of students who referred to the employability categories (survey)

Employability categories (%)	What employers look for in graduates	Characteristics of professionals	Differences between self & professional
Skills and knowledge	75	54	31
Developing career awareness	53	62	27
Interacting with others	40	67	9
Developing self	46	34	19
Navigating the world of work	1	1	0



Percentage of students who referred to the employability categories (survey)

Employability categories (%)	What employers look for in graduates	Characteristics of professionals	Differences between self & professional	Contribution of degree
Skills and knowledge	75	54	31	53
Developing career awareness	53	62	27	21
Interacting with others	40	67	9	30
Developing self	46	34	19	19
Navigating the world of work	1	1	0	2

Student strategies



Student comments

"While nearly at the end of my degree I still have very little confidence in techniques and skills that would be required for future work. I think more opportunities to practise what we learn is hugely important"

"Though the degree is providing the most basic requirements of this profession, it is lacking a teaching style that imitates one for the real world, thus it is not maximising the preparation required to work in the real world"

"It would be helpful to bring into the mix the ability to talk about career options and pathways. Like a coach who knows the options and knows how to navigate and who to connect with according to the pathway"

Graduate comments

"What is missing is enough time to empower individuals with generating a plan or seriously looking at options in a supportive environment"

"Where my degree ... failed, has been, sort of, relevance to the real world, in that people don't draw the parallels for you so you don't necessarily start drawing them yourself"

"You need, even personal skills, communication skills ... it's more your networks and how you communicate and how you market yourself and use social media and all of that, as a package, to get work ... My university didn't really offer any of those"



Leader comments

"We are not making [degrees] sufficiently pedagogically broad so that students have that range of attributes when they graduate"

"Moving from corporate life to entrepreneurship or even switching industry sectors requires particular skills, and the transferability of skills should be explored during degree programs"

"Universities have to work with two lenses at the same time ... to focus on the first job and make sure that students land in a job of graduate level when they leave ... and they also have to wear a second lens which says, "but we have to prepare you intellectually, and conceptually, and creatively for a career and a lifetime of different sorts of jobs"



Why is employability important?

"Universities (and we're not unique in this) have got themselves into this bind ... and I think we have an attendant responsibility to make sure ... the "talk we talk" can be met by students "walking the walk" in terms of jobs. And I think we can do that better ... unless we can do that, unless we can provide the training, **they're going to stop paying the fees**"

"Universities are a critically important part of a strong innovation system. This is a consequence of our research capability and achievements as well as the quality of our graduates. For this reason, we must, as a sector, do all that we can to ensure the employability of our graduates in order to provide the skills base that will **underpin our future economic and social prosperity**"



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DEVELOPING EMPLOYABILITY

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Enhancing student employability

This website brings together resources for the development of employability in higher education. These can help prepare your students for their future work and career.

The site is a living document and we welcome your input, resources and comments.

DISCOVER THE TOOLKIT



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FAQs	The cools and resources									
	 Develop skills and knowledge Career action plan [PDF 130KB] Employability skills [PDF 140KB] Entrepreneurial skills [PDF 127KB] Interview preparation [PDF 135KB] Tile Tool 9 Speed dating [PDF 173KB] 									
	Develop self Maintain Balanced Work and Life Roles [PDF 137] Positive self talk [PDF 155KB] Tile Tool 1 Conceptualising careers I [.PDF 156KB] Tile Tool 3 Personas [.PDF 156KB]									

Tile Tool 4 Finding your mission [.PDF 267KB]



Institutions need to

- embed and resource employability as a key institutional strategy
- engage expertise of careers advisors and professionals at program and course level
- ensure that program delivery reflects professional practice
- enable support for educators to become industry-aware
- students explore and apply knowledge relating to self and career
- authentic learning experiences incorporate critical reflection
- ensure that emerging capabilities are evidenced
- develop post-graduation support



Thank you

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