Course Assessment Profiling for enhanced educational and employment outcomes

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Where are we now?

- Closing the continual improvement loop
- Change management strategy
- Interrogating ‘the product’
- Course (degree) quality / Graduate experience
- Data from IRs initiates the process

Other Variables

- Communication strategy
- Collaboration with all sectors of the University
- Input from all stakeholders
- Champions from across the University
- People / resources / support

Comprehensive Course Review to ensure student achievement of Curtin's Graduate Attributes

A major aspect of the Curriculum 2010 project is the implementation of Comprehensive Course Review using

1. **The Needs Analysis**, a comprehensive document assembling evidence from a range of data sources including the CEQ, GDS, course demand, student progress and retention, and eVALUate.
2. **The Curriculum Map,** showing key unit (subject) information (syllabus, learning outcomes, assessments and level of cognitive demand based on Bloom's taxonomy) as well as the contextualisation and assessment of all the Graduate Attributes.

The Challenges

1. Incorporating career development/ graduate employability into curriculum design.
2. Implementing strategies for addressing assessment practices.

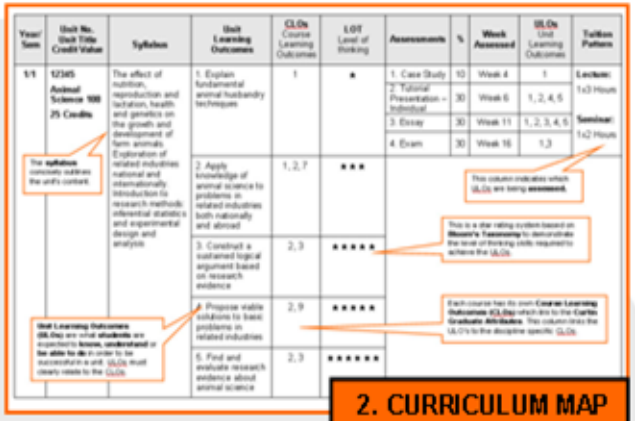
Publications

Jones, S., & Oliver, B. (2008, July). *360-degree Feedback on Courses: Needs Analysis for Comprehensive Course Review* Paper presented at the Australian Universities Quality Forum 2008, Canberra.

Oliver, B., Jones, S., Ferns, S., & Tucker, B. (2007). *Mapping curricula: ensuring work-ready graduates by mapping course learning outcomes and higher order thinking skills*. Paper presented at the Evaluations and Assessment Conference, Brisbane.

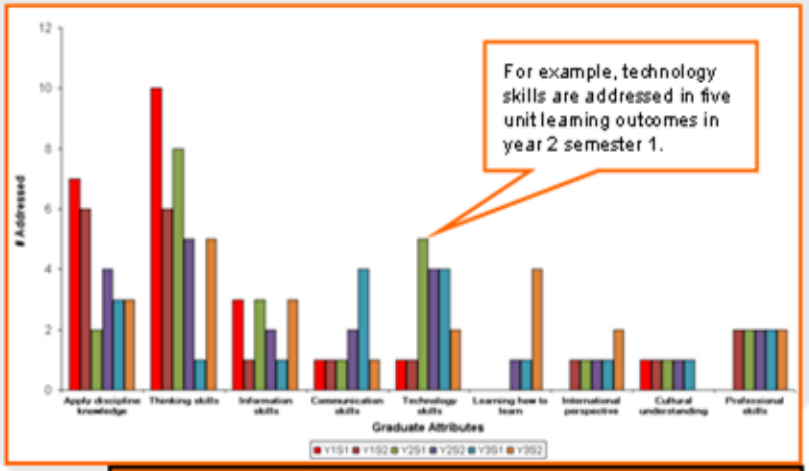
1. NEEDS ANALYSIS

captures a 360 degree perspective from key stakeholders (students, graduates, employers and benchmarking partnerships).



2. CURRICULUM MAP

demonstrates how Learning Outcomes and assessments contribute to the achievement of the Graduate Attributes.



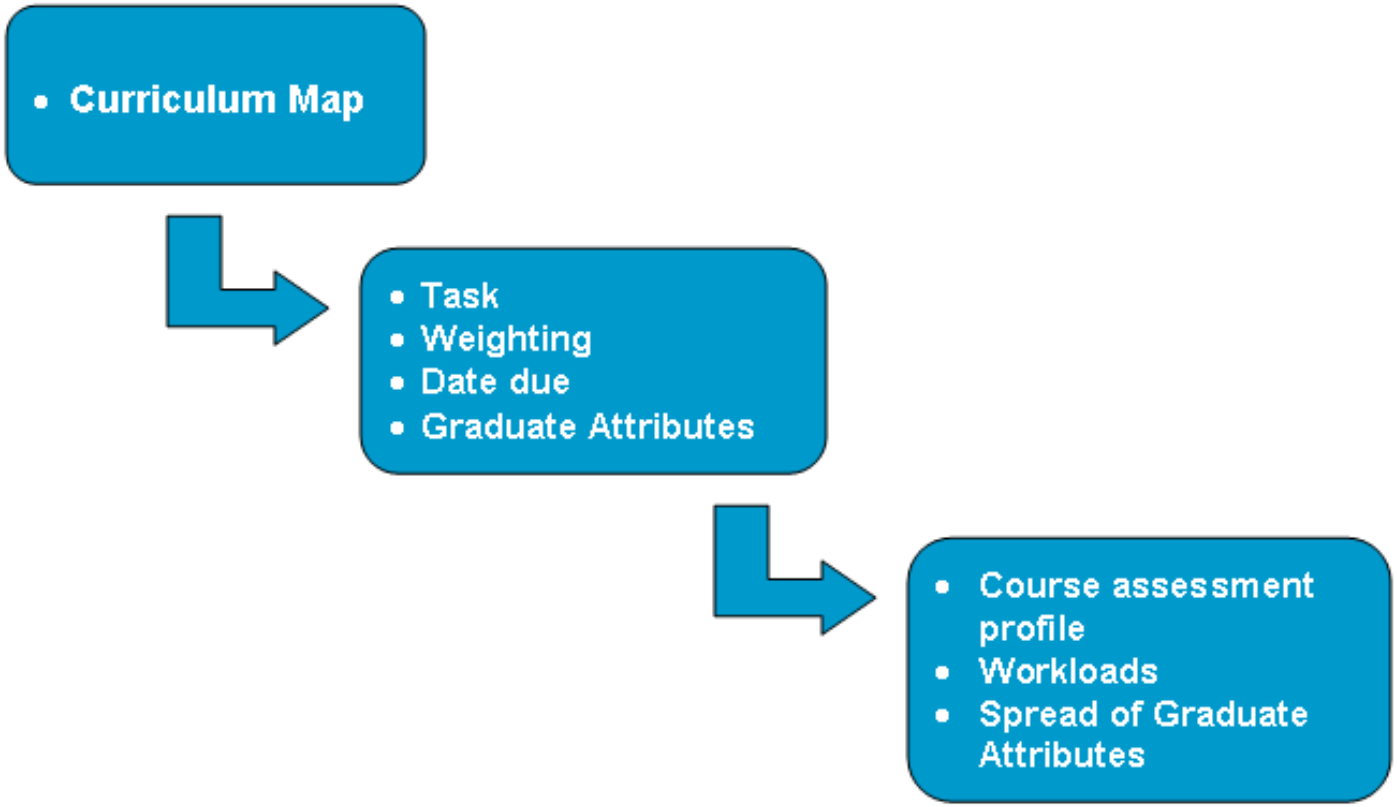
3. ANALYSIS OF GRADUATE ATTRIBUTE FREQUENCY

is shown in graphs drawn from the curriculum map

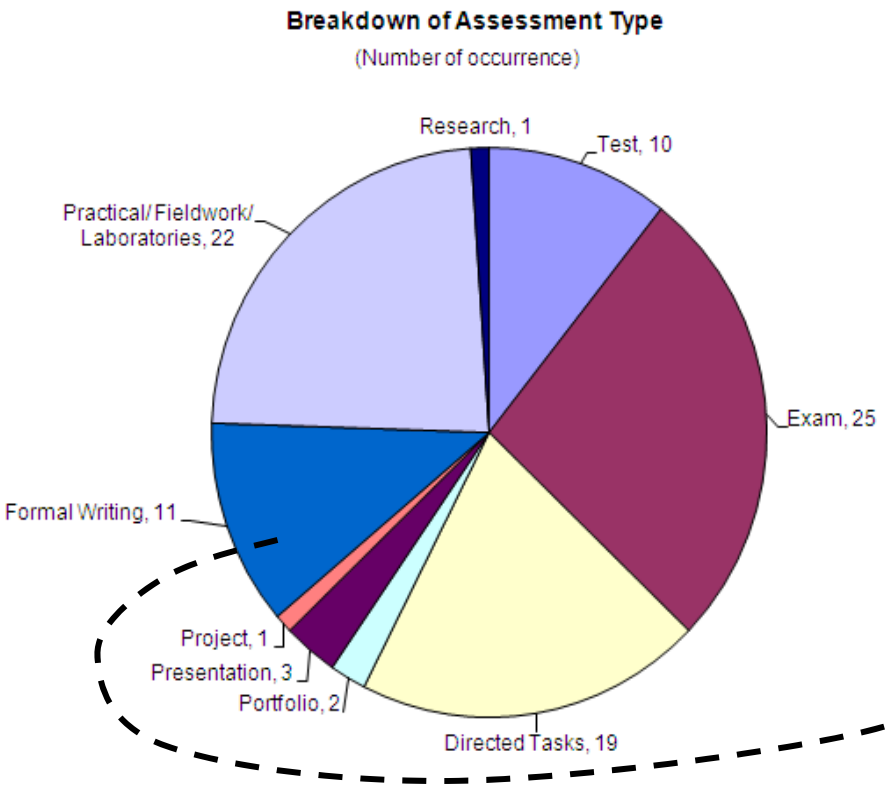
Frequency and Odds of Sub-domains in Best Aspects and Needs Improvement of Combined Courses

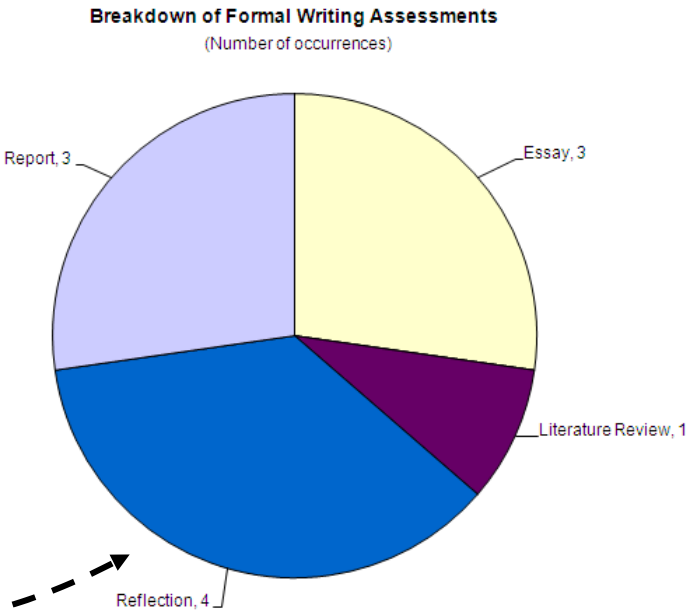
All four courses combined Total Comments: 53126 – Period: Sem 1, 2006 to Sem 1, 2008							
Best Aspects				**Needs Improvement**			
Rank	**Sub-domain**	**Total hits**	**BA:NI odds**	**Rank**	**Sub-domain**	**Total hits**	**NI:BA odds**
1	unit_design::methods	6498	1.3	**1**	unit_design::methods	4835	0.7
2	staff::quality	4885	2.3	**2**	support::learning_resources	4521	1.2
3	support::learning_resources	3816	0.8	**3**	**assessment::standards**	**3531**	**3.8**
4	staff::accessibility	3052	2.3	**4**	unit_design::structure	3317	3.9
5	staff::teaching_skills	2256	1.1	**5**	staff::quality	2090	0.4
6	**assessment::relevance**	**2049**	**1.5**	**6**	staff::teaching_skills	1977	0.9
7	unit_design::relevance	2029	1.5	**7**	unit_design::flexibility	1897	1.2
8	unit_design::flexibility	1647	0.9	**8**	**assessment::expectations**	**1494**	**3.8**
9	outcomes::intellectual	1551	8.4	**9**	staff::accessibility	1351	0.4
10	outcomes::knowledge_skills	1327	1.1	**10**	**assessment::marking**	**1349**	**3.8**

Data capture for the Course Assessment Profiler

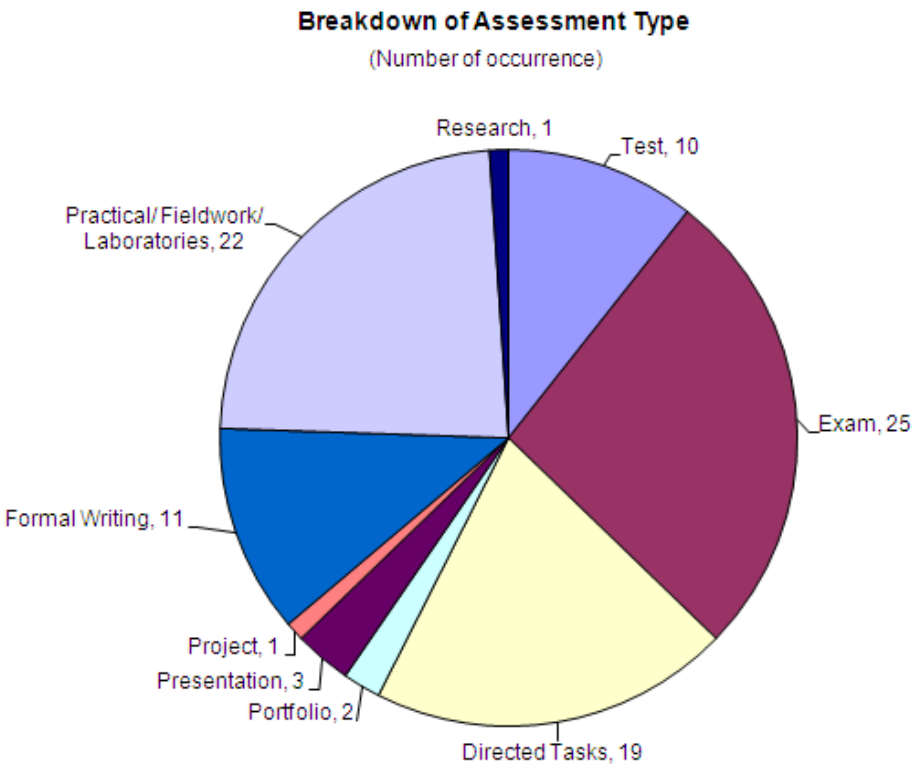


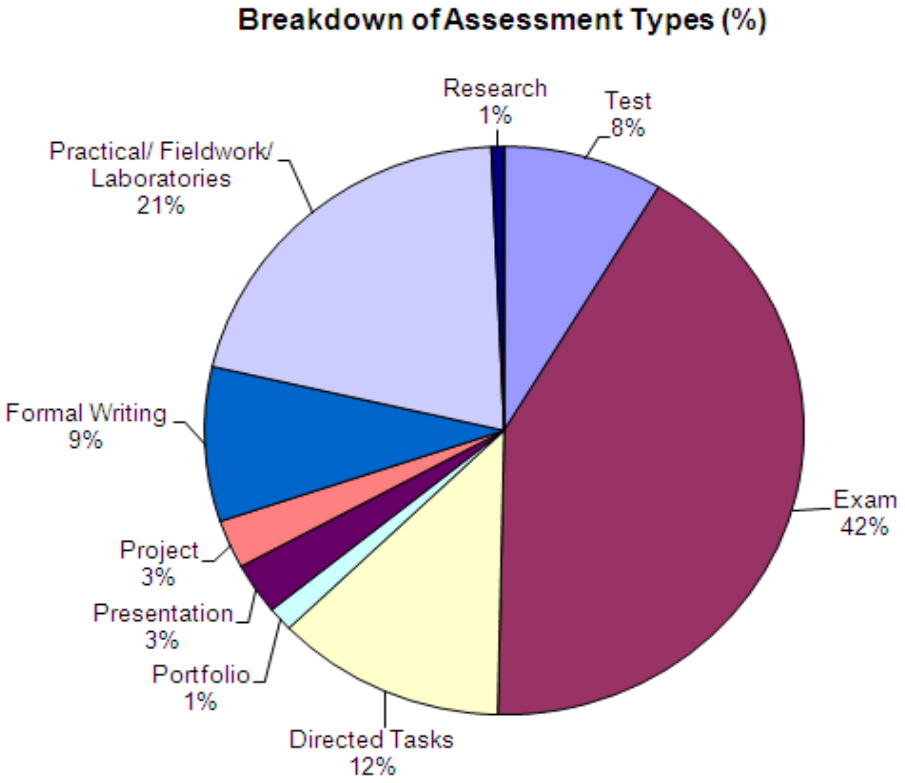
Breakdown of assessment types



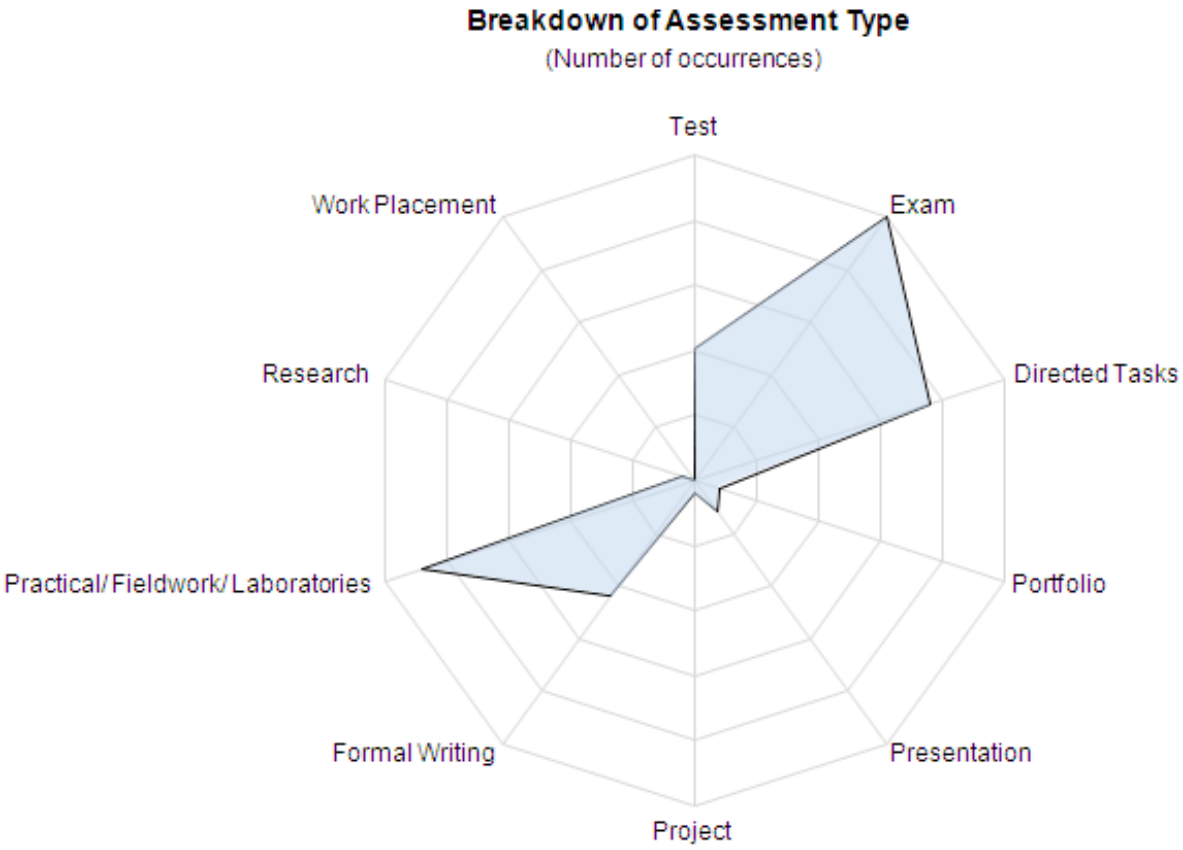


Comparing the number of tasks with their percentage weightings

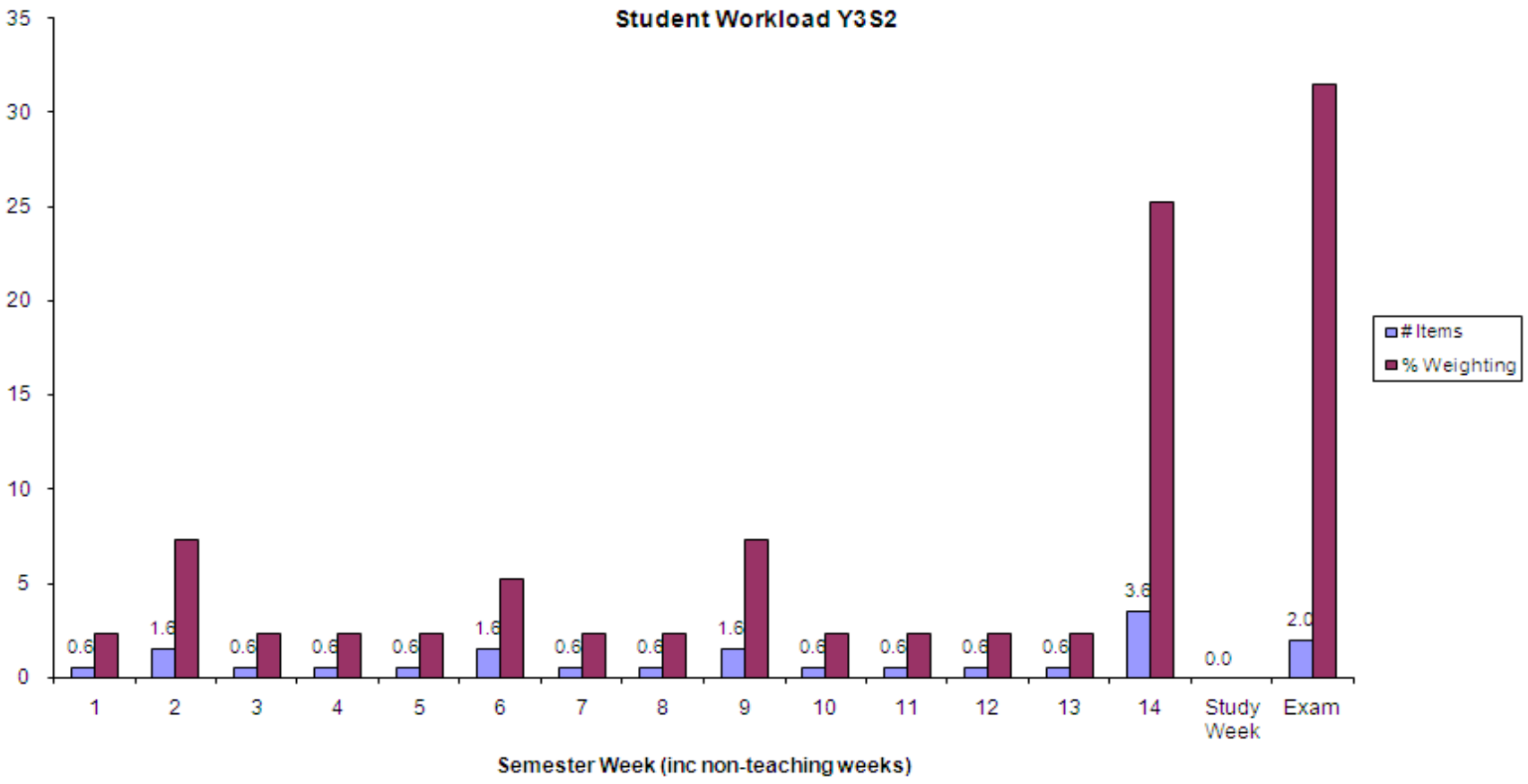




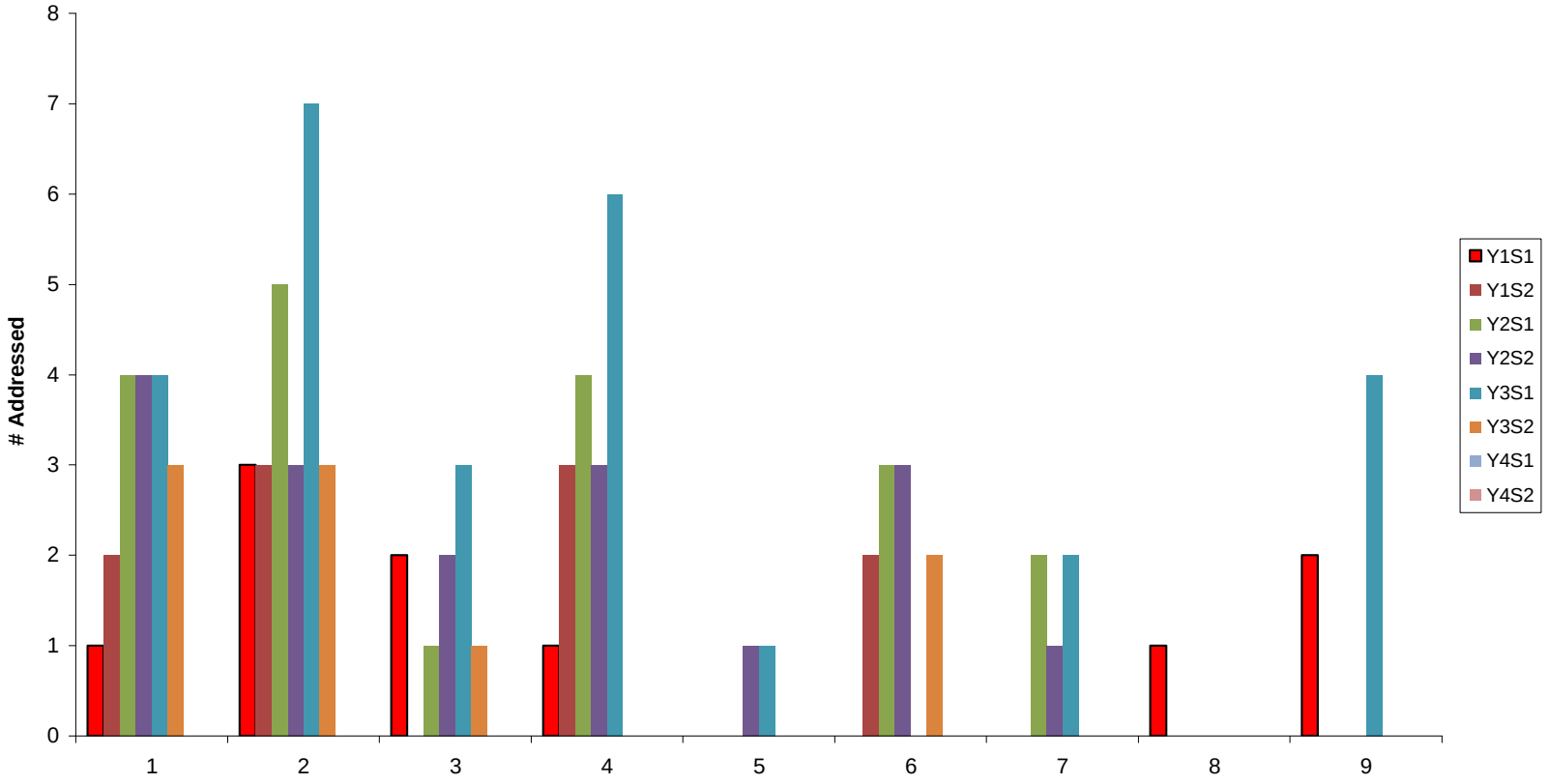
Radar plot of assessment types



Student workload



Spread of graduate attributes



Value of the CAP

- Promotes robust discussion among teaching staff
- Provides explicit accountability
- Presents visual image of staff/student workloads
- Examines intrinsic part of the learning process
- Addresses issues that impacts on Graduates' perceptions in the long term
- Identifies gaps

Future Developments

- Research staff perceptions of the CAP and refine
- ALTC Fellowship to collaborate across the sector and benchmark
- Enhance course review tools to capture other curriculum themes
- Develop dynamic curriculum map and CAP
- Rich source of data for further research

Thank You

- Questions?
- Comments?
- Ideas?