

Evaluation of Written Documents

AY 2013-2014

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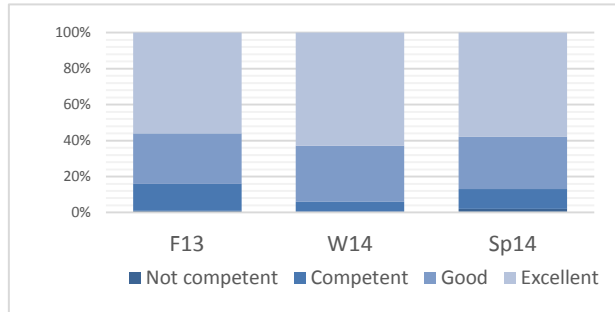
Notes

- Courses evaluated (number enrolled)

Fall 2013 (114)	Winter 2014 (88)	Spring 2014 (97)
HSAD 300-40 (33)	HSAD 300-75 (13)	HSAD 300-01 (20)
HSAD 300-75 (9)	HSAD 310-40 (42)	HSAD 300-75 (12)
HSAD 322-75 (15)	HSAD 410-75 (12)	HSAD 322-40 (36)
HSAD 410-40 (30)	HSAD 460-40 (6)	HSAD 435-75 (10)
HSAD 435-40 (14)	HSAD 470-40 (15)	HSAD 490-40 (19)
HSAD 435-75 (10)		
HSAD 455-75 (3)		
- Totals vary as:
 - Not all students enrolled completed the assignment to be evaluated
 - Not all instructors completed every part of every evaluation
- Changes in distributions were tested using the Chi-square goodness-of-fit test with Fall 2013 providing the expected proportions. Yate's continuity correction was not needed as the number of observations exceeded twenty in all cases.

Conventions – no significant change

Year	Not competent	Competent	Good	Excellent	# Evaluated
Fall 2013	1 (1%)	15 (15%)	28 (28%)	55 (56%)	99
Winter 2014	0	5 (6%)	24 (31%)	49 (63%)	78
Spring 2014	1 (2%)	7 (11%)	18 (29%)	36 (58%)	62

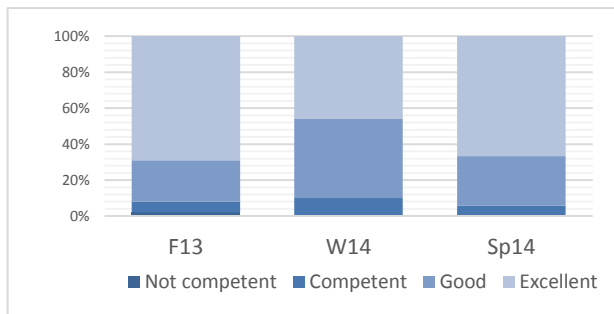


Hypothesis tests for changes in the distribution from Fall 2013

- Winter 2014: p-value = 0.131
- Spring 2014: p-value = 0.822

Structure – a temporary change

Year	Not competent	Competent	Good	Excellent	# Evaluated
Fall 2013	2 (2%)	6 (6%)	23 (23%)	68 (69%)	99
Winter 2014	0	8 (10%)	34 (44%)	36 (46%)	78
Spring 2014	0	3 (5%)	15 (24%)	44 (71%)	62

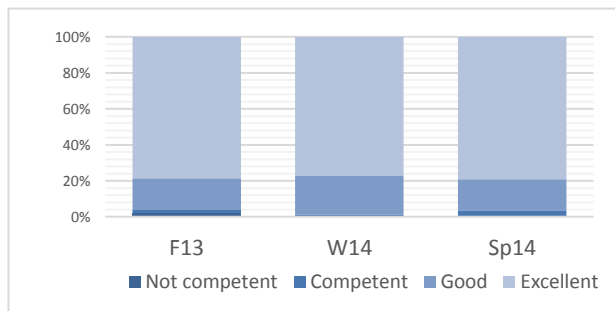


Hypothesis tests for changes in the distribution from Fall 2013

- Winter 2014: p-value < 0.005
 - Excellent shifted to Good
- Spring 2014: p-value = 0.688

Clarity – no significant change

Year	Not competent	Competent	Good	Excellent	# Evaluated
Fall 2013	2 (2%)	2 (2%)	17 (17%)	77 (79%)	98
Winter 2014	0	1 (1%)	17 (22%)	60 (77%)	78
Spring 2014	0	2 (3%)	11 (18%)	49 (79%)	62

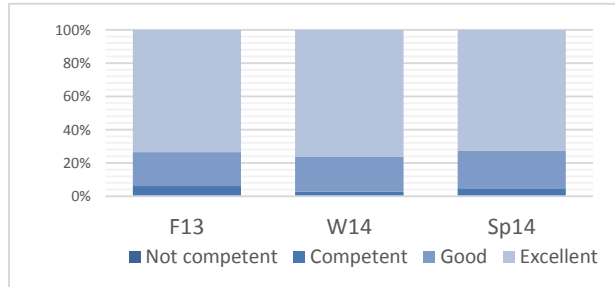


Hypothesis tests for changes in the distribution from Fall 2013

- Winter 2014: p-value = 0.435
- Spring 2014: p-value = 0.637

Application of Knowledge – no significant change

Year	Not competent	Competent	Good	Excellent	# Evaluated
Fall 2013	0	6 (6%)	20 (20%)	72 (74%)	98
Winter 2014	0	2 (3%)	15 (21%)	55 (76%)	72
Spring 2014	0	3 (5%)	14 (22%)	45 (73%)	62

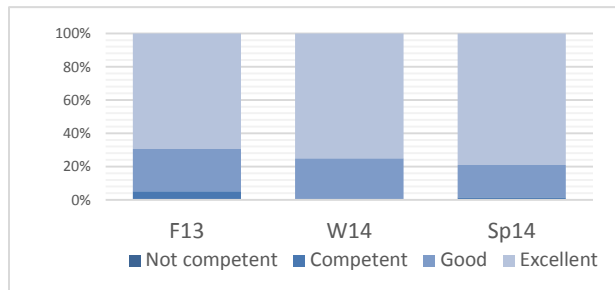


Hypothesis tests for changes in the distribution from Fall 2013

- Not Competent removed
- Winter 2014: p-value = 0.495
- Spring 2014: p-value = 0.853

Readability – no significant change

Year	Not competent	Competent	Good	Excellent	# Evaluated
Fall 2013	0	5 (5%)	25 (26%)	68 (69%)	98
Winter 2014	0	0	18 (25%)	54 (75%)	72
Spring 2014	0	1 (2%)	12 (19%)	49 (79%)	62

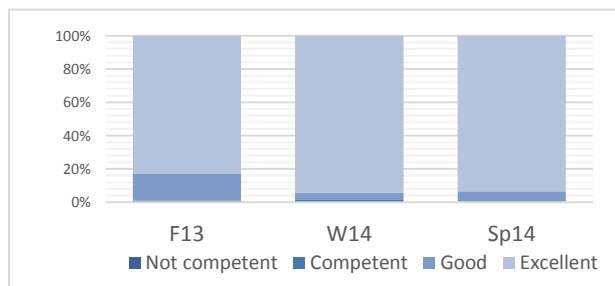


Hypothesis tests for changes in the distribution from Fall 2013

- Not Competent removed
- Winter 2014: p-value = 0.135
- Spring 2014: p-value = 0.199

Tone – a persisting change

Year	Not competent	Competent	Good	Excellent	# Evaluated
Fall 2013	0	1 (1%)	16 (16%)	81 (83%)	98
Winter 2014	0	1 (1%)	3 (4%)	68 (95%)	72
Spring 2014	0	0	4 (6%)	58 (94%)	62



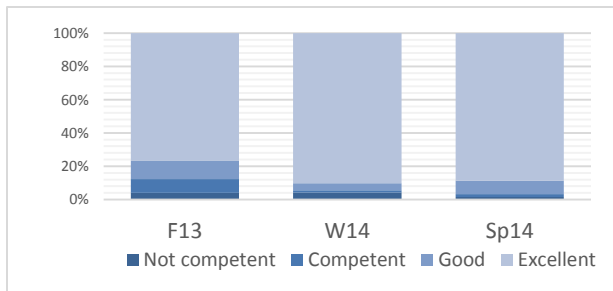
Hypothesis tests for changes in the distribution from Fall 2013

- Winter 2014: p-value = 0.020
 - Good shifted to Excellent
- Spring 2014: p-value = 0.073

- Good slightly shifted to Excellent

Following Directions – a temporary change

Year	Not competent	Competent	Good	Excellent	# Evaluated
Fall 2013	4 (4%)	8 (8%)	11 (11%)	75 (77%)	98
Winter 2014	3 (4%)	1 (2%)	3 (4%)	65 (90%)	72
Spring 2014	1 (2%)	1 (2%)	5 (8%)	55 (88%)	62

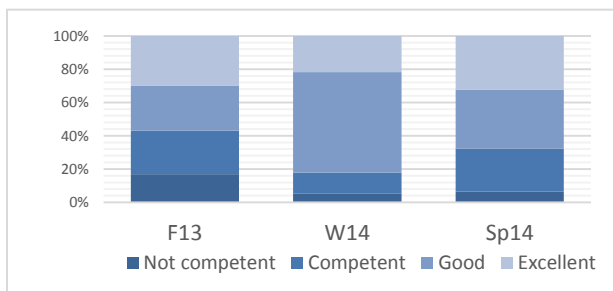


Hypothesis tests for changes in the distribution from Fall 2013

- Winter 2014: p-value = 0.029
 - Competent and Good shifted to Excellent
- Spring 2014: p-value = 0.115

APA Components – a temporary change

Year	Not competent	Competent	Good	Excellent	# Evaluated
Fall 2013	17 (17%)	26 (26%)	27 (27%)	30 (30%)	100
Winter 2014	4 (5%)	10 (13%)	47 (60%)	17 (22%)	78
Spring 2014	4 (7%)	16 (26%)	22 (35%)	20 (32%)	62

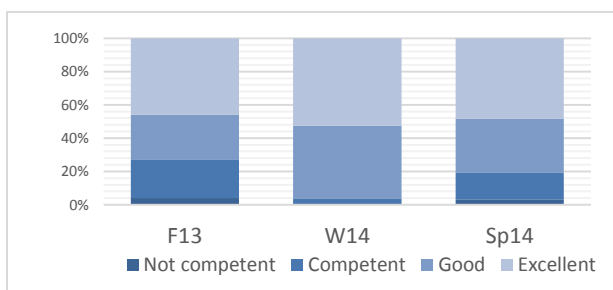


Hypothesis tests for changes in the distribution from Fall 2013

- Winter 2014: p-value < 0.005
 - Not Competent, Competent and Excellent shifted to Good
- Spring 2014: p-value = 0.121

Reference Sheet – a temporary change

Year	Not competent	Competent	Good	Excellent	# Evaluated
Fall 2013	4 (4%)	23 (23%)	27 (27%)	46 (46%)	100
Winter 2014	0	3 (4%)	34 (44%)	41 (52%)	78
Spring 2014	2 (3%)	10 (16%)	20 (32%)	30 (49%)	62



Hypothesis tests for changes in the distribution from Fall 2013

- Winter 2014: p-value < 0.005
 - Not Competent and Competent shifted to Good and Excellent
- Spring 2014: p-value = 0.557

Writing continues to be a focus of the program. We started out identifying some issues in the fall, really pushed in the winter and eased up in the spring. We need to show the same persistence each and every quarter in achieving and maintaining writing skills. To help in that endeavor, in 2014-2015 academic year, a students' writing scores across classes for 2 quarters will be shared individually with the student in a meeting with the advisor. It is hoped that this will emphasize the importance and consistency expected in writing skills.

Student Internships Site Supervisor Evaluations Spring 2013 and Spring 2014

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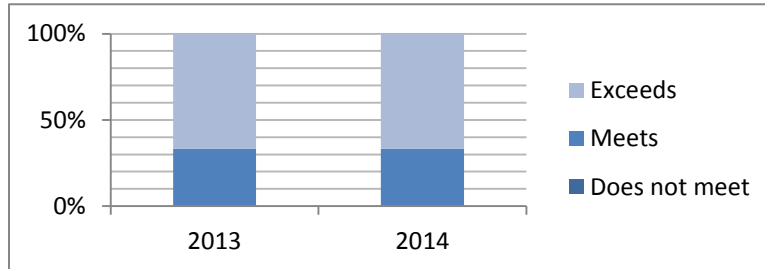
Notes.....	1
Overall – no significant change	2
Communication & Relationship Management – no significant change	2
Leadership – no significant change.....	2
Professionalism – no significant change	3
Knowledge of Healthcare Environment – no significant change.....	3
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Notes

- Changes in proportions were tested using the Chi-square test. Neither Yate's continuity correction nor Fisher's exact test was needed as the number of observations exceeded twenty in all cases.

Overall – no significant change

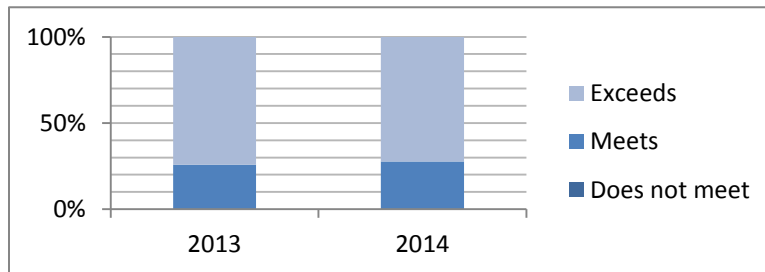
Year	Not reporting	Does not meet	Meets	Exceeds	# reporting
Spring 2013	6	0	7 (33%)	14 (67%)	21
Spring 2014	1	0	6 (33%)	12 (67%)	18



Hypothesis tests for a change in the proportions
 Exceeds only: Identical
 Meets or Exceeds: Identical

Communication & Relationship Management – no significant change

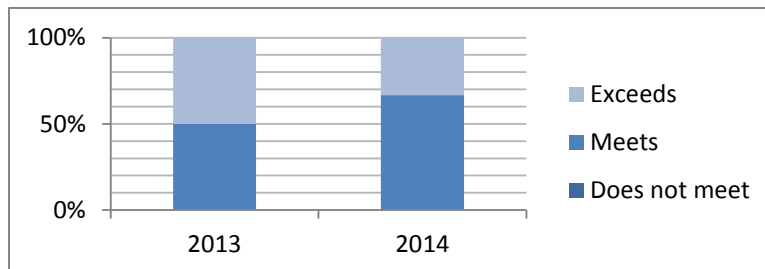
Year	Not applicable	Does not meet	Meets	Exceeds	# reporting
Spring 2013	0	0	7 (26%)	20 (74%)	27
Spring 2014	0	0	5 (28%)	13 (72%)	18



Hypothesis tests for a change in the proportions
 Exceeds only: p-value = 0.891
 Meets or Exceeds: Identical

Leadership – no significant change

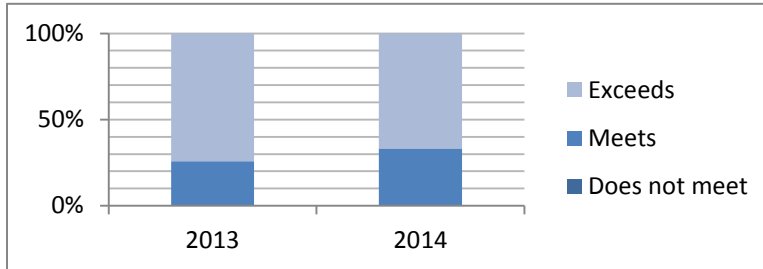
Year	Not applicable	Does not meet	Meets	Exceeds	# reporting
Spring 2013	1	0	13 (50%)	13 (50%)	26
Spring 2014	0	0	12 (67%)	6 (33%)	18



Hypothesis tests for a change in the proportions
 Exceeds only: p-value = 0.272
 Meets or Exceeds: Identical

Professionalism – no significant change

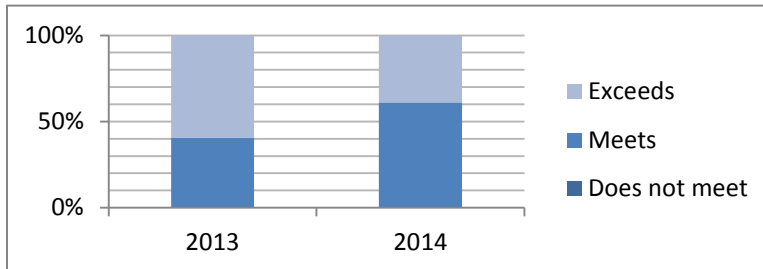
Year	Not applicable	Does not meet	Meets	Exceeds	# reporting
Spring 2013	0	0	7 (26%)	20 (74%)	27
Spring 2014	0	0	6 (33%)	12 (67%)	18



Hypothesis tests for a change in the proportions
 Exceeds only: p-value = 0.591
 Meets or Exceeds: Identical

Knowledge of Healthcare Environment – no significant change

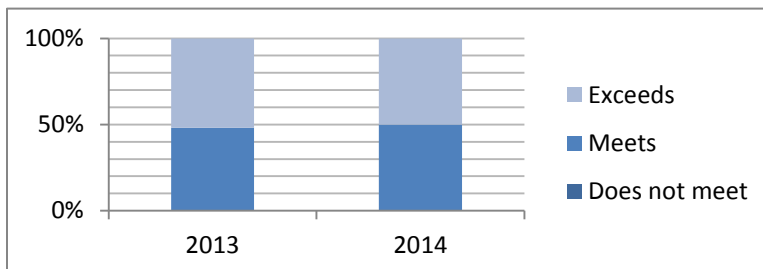
Year	Not applicable	Does not meet	Meets	Exceeds	# reporting
Spring 2013	0	0	11 (41%)	16 (59%)	27
Spring 2014	0	0	11 (61%)	7 (39%)	18



Hypothesis tests for a change in the proportions
 Exceeds only: p-value = 0.181
 Meets or Exceeds: Identical

Business Knowledge and Skills – no significant change

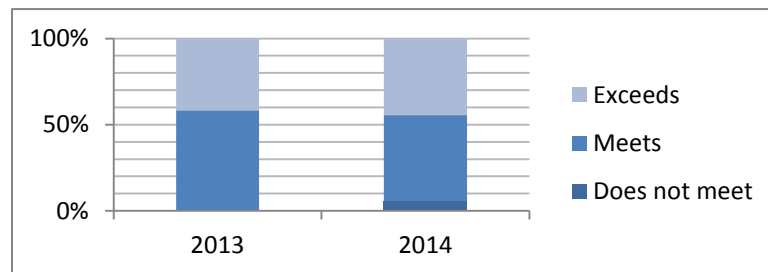
Year	Not applicable	Does not meet	Meets	Exceeds	# reporting
Spring 2013	0	0	13 (48%)	14 (52%)	27
Spring 2014	0	0	9 (50%)	9 (50%)	18



Hypothesis tests for a change in the proportions
 Exceeds only: p-value = 0.903
 Meets or Exceeds: Identical

Business Financial Management – no significant change

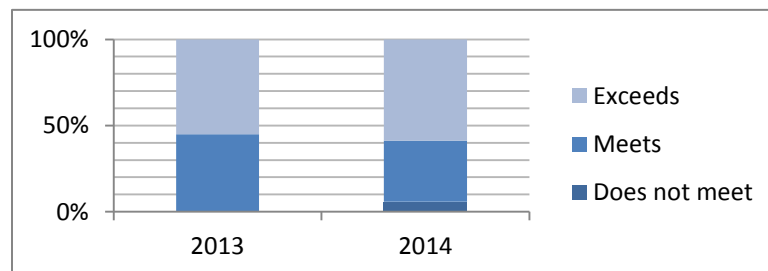
Year	Not applicable	Does not meet	Meets	Exceeds	# reporting
Spring 2013	3	0	14 (58%)	10 (42%)	24
Spring 2014	0	1 (6%)	9 (50%)	8 (44%)	18



Hypothesis tests for a change in the proportions
 Exceeds only: p-value = 0.857
 Meets or Exceeds: p-value = 0.243

Business Information Management – no significant change

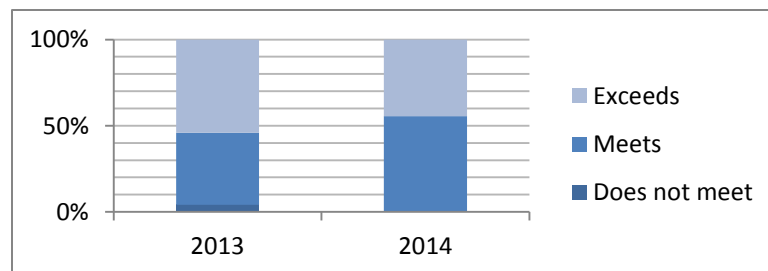
Year	Not applicable	Does not meet	Meets	Exceeds	# reporting
Spring 2013	7	0	9 (45%)	11 (55%)	20
Spring 2014	1	1 (6%)	6 (35%)	10 (59%)	17



Hypothesis tests for a change in the proportions
 Exceeds only: p-value = 0.815
 Meets or Exceeds: p-value = 0.272

Business Human Resources – no significant change

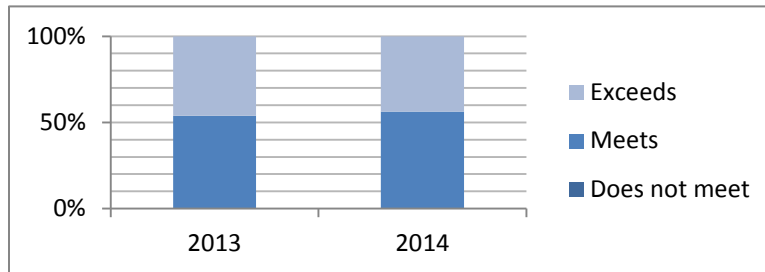
Year	Not applicable	Does not meet	Meets	Exceeds	# reporting
Spring 2013	3	1 (4%)	10 (42%)	13 (54%)	24
Spring 2014	0	0	10 (56%)	8 (44%)	18



Hypothesis tests for a change in the proportions
 Exceeds only: p-value = 0.532
 Meets or Exceeds: p-value = 0.381

Organizational Dynamics and Governance – no significant change

Year	Not applicable	Does not meet	Meets	Exceeds	# reporting
Spring 2013	1	0	14 (54%)	12 (46%)	26
Spring 2014	2	0	9 (56%)	7 (44%)	16



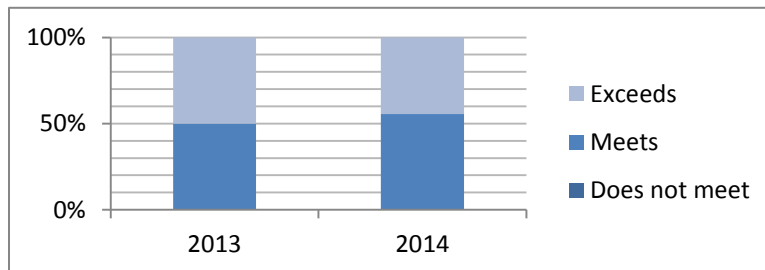
Hypothesis tests for a change in the proportions

Exceeds only: p-value = 0.879

Meets or Exceeds: Identical

Business Strategic Planning and Marketing – no significant change

Year	Not applicable	Does not meet	Meets	Exceeds	# reporting
Spring 2013	1	0	13 (50%)	13 (50%)	26
Spring 2014	0	0	10 (56%)	8 (44%)	18



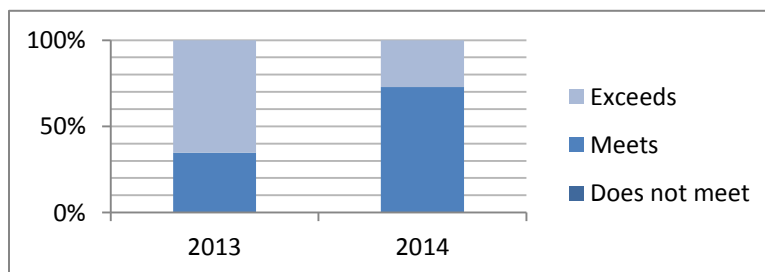
Hypothesis tests for a change in the proportions

Exceeds only: p-value = 0.717

Meets or Exceeds: Identical

Risk Management – a slight decrease

Year	Not applicable	Does not meet	Meets	Exceeds	# reporting
Spring 2013	4	0	8 (35%)	15 (65%)	23
Spring 2014	0	0	12 (67%)	6 (33%)	18



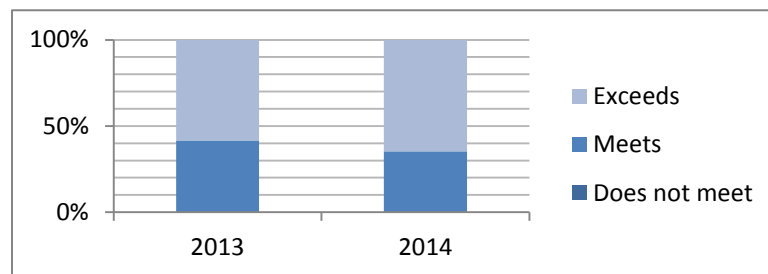
Hypothesis tests for a change in the proportions

Exceeds only: p-value = 0.043

Meets or Exceeds: Identical

Quality Management – no significant change

Year	Not applicable	Does not meet	Meets	Exceeds	# reporting
Spring 2013	3	0	10 (42%)	14 (58%)	24
Spring 2014	1	0	6 (35%)	11 (65%)	17



Hypothesis tests for a change
in the proportions

Exceeds only: p-value = 0.680

Meets or Exceeds: Identical

The evaluation results from site supervisors based on what they have observed in the internship remains consistent. As a program, we will continue to try to make strides in moving from meets to exceeds and place close attention to risk management. The changing of the student learning objectives and site supervisor evaluation tool to align with the competencies for the program have been a tremendous help in letting us know how our students are performing in the community and if the program is teaching the competencies that have been identified.

Student Themes in Competency in 2012 and 2014

Contents

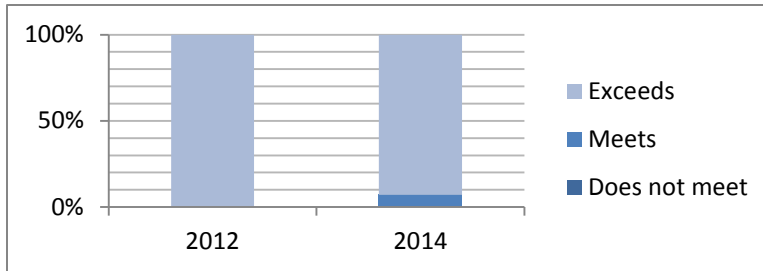
Notes.....	1
Communication & Relationship Management – no significant change	2
Leadership – a slight increase	2
Professionalism – no significant change	2
Knowledge of the Healthcare Environment – no significant change.....	3
Business Skills and Knowledge – no significant change.....	3
Business Financial Management – no significant change.....	3
Human Resource Management – no significant change	4
Organizational Dynamics and Governance – no significant change	4
Strategic Planning and Marketing – no significant change.....	4
Information Management – no significant change	5
Risk Management – no significant change	5
Quality Improvement – no significant change.....	5

Notes

- Number of students reporting
 - in 2012 = 7
 - in 2014 = 17
- Due to the small sample sizes involved, Fisher's exact test was used in place of the Chi-square test.

Communication & Relationship Management – no significant change

Year	Does not meet	Meets	Exceeds	# of times competency mentioned
2012	0	0	6 (100%)	6
2014	0	1 (7%)	13 (93%)	14



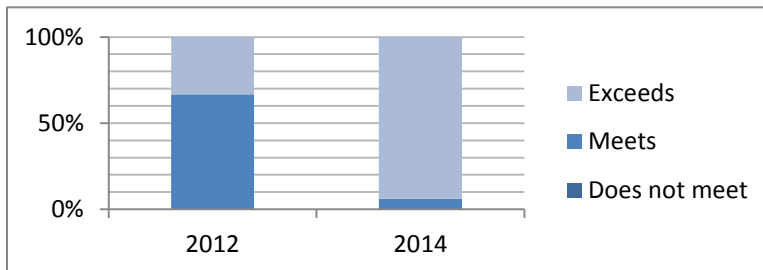
Hypothesis tests for a change in the proportions

Exceeds only: p-value > 0.999

Meets or Exceeds: Identical

Leadership – a slight increase

Year	Does not meet	Meets	Exceeds	# of times competency mentioned
2012	0	2 (67%)	1 (33%)	3
2014	0	1 (6%)	15 (94%)	16



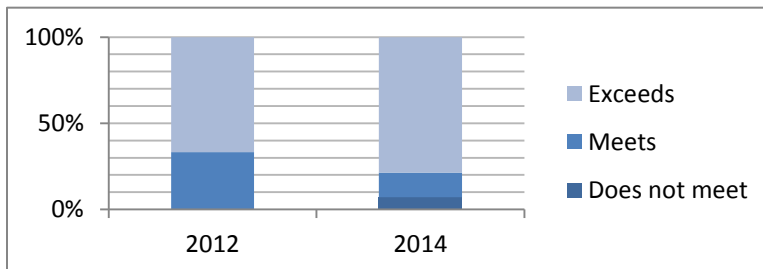
Hypothesis tests for a change in the proportions

Exceeds only: p-value = 0.051

Meets or Exceeds: Identical

Professionalism – no significant change

Year	Does not meet	Meets	Exceeds	# of times competency mentioned
2012	0	2 (33%)	4 (67%)	6
2014	1 (7%)	2 (14%)	11 (79%)	14



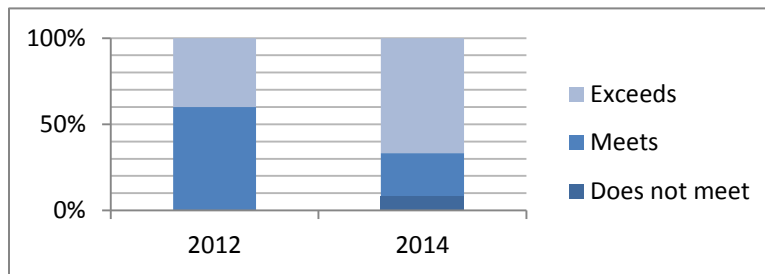
Hypothesis tests for a change in the proportions

Exceeds only: p-value = 0.613

Meets or Exceeds: p-value > 0.999

Knowledge of the Healthcare Environment – no significant change

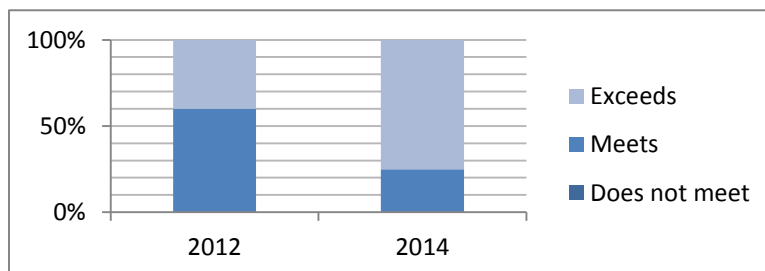
Year	Does not meet	Meets	Exceeds	# of times competency mentioned
2012	0	3 (60%)	2 (40%)	5
2014	1 (7%)	3 (27%)	8 (73%)	12



Hypothesis tests for a change in the proportions
 Exceeds only: p-value = 0.593
 Meets or Exceeds: p-value > 0.999

Business Skills and Knowledge – no significant change

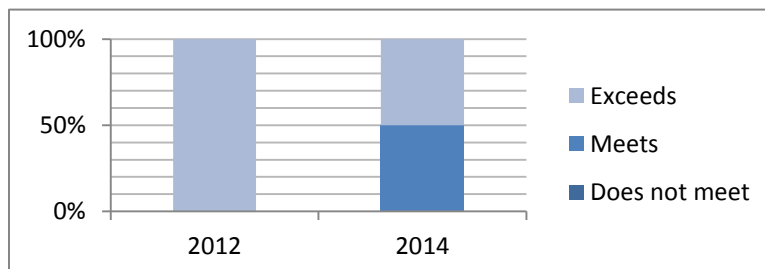
Year	Does not meet	Meets	Exceeds	# of times competency mentioned
2012	0	3 (60%)	2 (40%)	5
2014	0	2 (25%)	6 (75%)	8



Hypothesis tests for a change in the proportions
 Exceeds only: p-value = 0.293
 Meets or Exceeds: Identical

Business Financial Management – no significant change

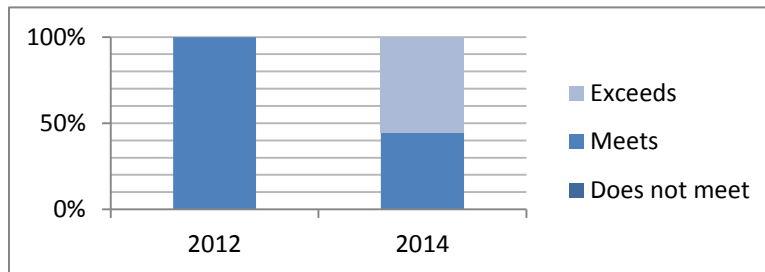
Year	Does not meet	Meets	Exceeds	# of times competency mentioned
2012	0	0	1 (100%)	1
2014	0	4 (50%)	4 (50%)	8



Hypothesis tests for a change in the proportions
 Exceeds only: p-value > 0.999
 Meets or Exceeds: Identical

Human Resource Management – no significant change

Year	Does not meet	Meets	Exceeds	# of times competency mentioned
2012	0	3 (100%)	0	3
2014	0	4 (44%)	5 (56%)	9



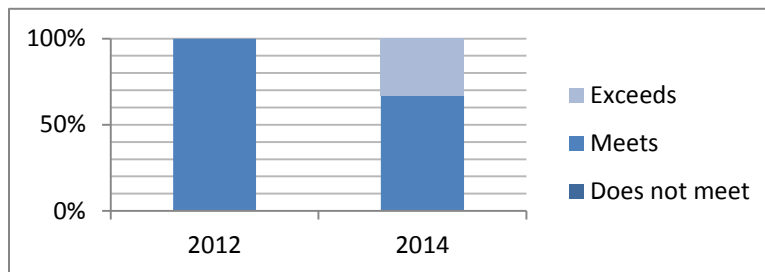
Hypothesis tests for a change in the proportions

Exceeds only: p-value = 0.205

Meets or Exceeds: Identical

Organizational Dynamics and Governance – no significant change

Year	Does not meet	Meets	Exceeds	# of times competency mentioned
2012	0	1 (100%)	0	1
2014	0	4 (67%)	2 (33%)	6



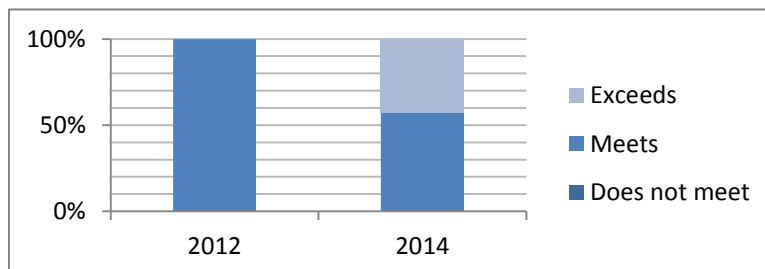
Hypothesis tests for a change in the proportions

Exceeds only: p-value > 0.999

Meets or Exceeds: Identical

Strategic Planning and Marketing – no significant change

Year	Does not meet	Meets	Exceeds	# of times competency mentioned
2012	0	1 (100%)	0	1
2014	0	4 (57%)	3 (43%)	7



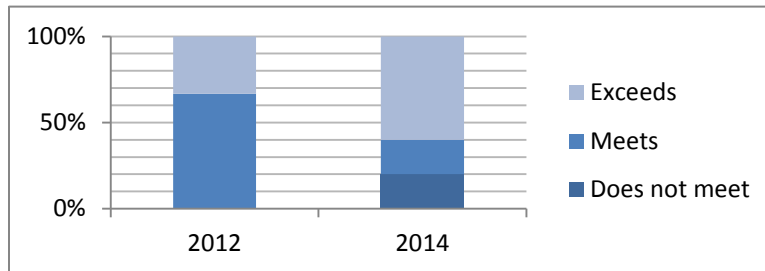
Hypothesis tests for a change in the proportions

Exceeds only: p-value > 0.999

Meets or Exceeds: Identical

Information Management – no significant change

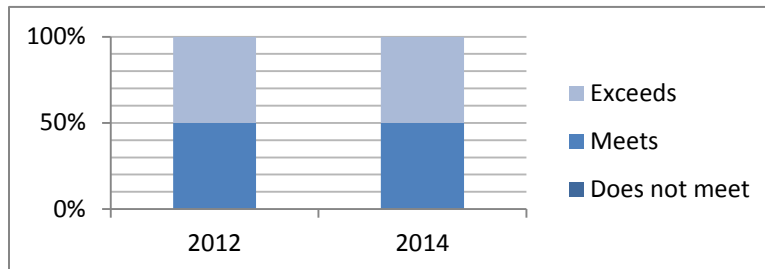
Year	Does not meet	Meets	Exceeds	# of times competency mentioned
2012	0	2 (67%)	1 (33%)	3
2014	2 (20%)	2 (20%)	6 (60%)	10



Hypothesis tests for a change in the proportions
 Exceeds only: p-value = 0.559
 Meets or Exceeds: p-value > 0.999

Risk Management – no significant change

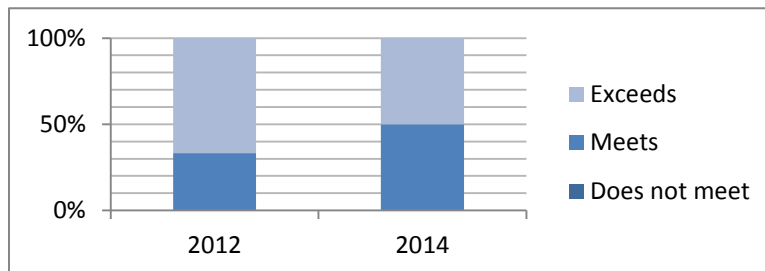
Year	Does not meet	Meets	Exceeds	# of times competency mentioned
2012	0	2 (50%)	2 (50%)	4
2014	0	5 (50%)	5 (50%)	10



Hypothesis tests for a change in the proportions
 Exceeds only: Identical
 Meets or Exceeds: Identical

Quality Improvement – no significant change

Year	Does not meet	Meets	Exceeds	# of times competency mentioned
2012	0	1 (33%)	2 (67%)	3
2014	0	5 (50%)	5 (50%)	10



Hypothesis tests for a change in the proportions
 Exceeds only: p-value > 0.999
 Meets or Exceeds: Identical

Not all students evaluated all areas as graduating seniors. It makes it difficult to evaluate. From the student perspective we have some areas to emphasize in the classroom. 2 areas noted are the health informatics area for which we are determining an appropriate textbook. The other area is knowledge of the healthcare environment. It is unclear what aspect this refers to and needs to be looked at further questions posed regarding what is needed. Generally, it looks adequate but can always improve.