



## Historical Response Rate Trend by Unit (Fall Semesters)

Unit	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015
College of Arts and Sciences	55%	45%	51%	42%	47%	43%
College of Business	59%	53%	47%	40%	43%	45%
College of Education and Human Development	51%	49%	51%	52%	55%	51%
J.B. Speed School of Engineering	65%	59%	63%	51%	52%	51%
School of Nursing	36%	59%	48%	45%	41%	45%
School of Public Health and Information Sciences	78%	66%	59%	63%	55%	48%
School of Dentistry	38%	45%	24%	27%	29%	25%
School of Law	61%	52%	48%	53%	50%	65%
School of Music	53%	42%	40%	31%	36%	35%
School of Social Work	76%	74%	69%	69%	59%	66%
Overall university response rate (unweighted)	54.9%	48.6%	50.3%	52.0%	52.5%	55.1%



## **Historical Efforts to Increase Response**Rates

- ✓ Student awareness
- √ Faculty engagement
- ✓ Evaluations easy to access
- ✓ Incentives
- ✓ Intensive marketing
- ☐ "Priority grade access"





## **Using Blue to Implement Priority Grade Access**



Evaluations are released in Blue.

The "Grade Pathways" functionality in the BPI triggers a flag in PeopleSoft to block student grades.





Once the block is applied, students are unable to view their grades, unofficial, and official transcripts.



#### **Priority Grade Access Pilot Projects**

#### **Testing the functionality**

- Two pilot projects (fall 2015 and spring 2016)
  - √ 5 courses in fall 2015 from 2 academic units
  - √ 65 courses in spring 2016 from 4 academic units
- Faculty were asked to volunteer for the pilot projects.
- "Talking points" were distributed to associate deans and instructors of record.





### **Important Details**

- Only the student's ability to view the grade was impacted.
- Students had the ability to complete the evaluation by 'opting out' and not providing feedback.
- The block was removed only after students completed all outstanding evaluations.
- Evaluations remained open through the final exam period.
- All blocks were removed 48 hours after the last final exam,
   regardless of the status of a student's course evaluation.



### **Priority Grade Access Pilot Projects**

#### **Fall 2015**

- Historical response rate for courses varied from 42% to 57%.
- Final response rate (excluding students who opted out) varied from 71% to 79%.
- No significant difference in mean scores of instructors.

### **Spring 2016**

- Historical response rate for courses varied from 32% to 60%.
  - Final response rate (excluding students who opted out) varied from 80% to 92%.
  - No significant difference in mean scores of instructors.



# Fall 2016 Priority Grade Access Implementation (University-wide)



#### **Observations**



**NO** technical issues were experienced by students.

Student complaints about the evaluations closing before final exams were eliminated.















### **Response Rates**



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J.B. Speed School of Engineering	65%	59%	63%	51%	52%	51%
School of Nursing	36%	59%	48%	45%	41%	45%
School of Public Health and Information Sciences	78%	66%	59%	63%	55%	48%
School of Dentistry	38%	45%	24%	27%	29%	25%
School of Law	61%	52%	48%	53%	50%	65%
School of Music	53%	42%	40%	31%	36%	35%
School of Social Work	76%	74%	69%	69%	59%	66%
Overall university response rate (unweighted)	54.9%	48.6%	50.3%	52.0%	52.5%	55.1%
*Net response rate - excludes those studen	ts who op	ted out.				



### **Analysis of Responses**



		Overall Mean -	Overall Response
Unit	Term	<b>Instructor Question</b>	Rate
<b>College of Arts and Sciences</b>	Fall 2014	4.32	47%
	Fall 2015	4.28	43%
	Fall 2016	4.34	73%
<b>College of Business</b>	Fall 2014	4.14	43%
	Fall 2015	4.32	45%
	Fall 2016	4.65	71%
College of Education and	Fall 2014	4.14	55%
<b>Human Development</b>	Fall 2015	4.09	51%
	Fall 2016	4.21	82%
JB Speed School of Engineering	Fall 2014	3.85	52%
	Fall 2015	3.87	51%
	Fall 2016	3.96	79%
School of Dentistry	Fall 2014	4.23	29%
	Fall 2015	4.33	25%
	Fall 2016	4.24	65%
School of Nursing	Fall 2014	4.11	41%
	Fall 2015	4.03	45%
	Fall 2016	4.08	73%
School of Public Health and	Fall 2014	4.30	55%
Information Sciences	Fall 2015	4.32	48%
	Fall 2016	4.31	70%



### **About Blue Text Analytics**

- The Blue Text Analytics (BTA) engine uses a combination of custom dictionaries and powerful algorithms.
- Blue Text Analytics identifies themes within written content as opposed to key words.





Blue Text Analytics Guide

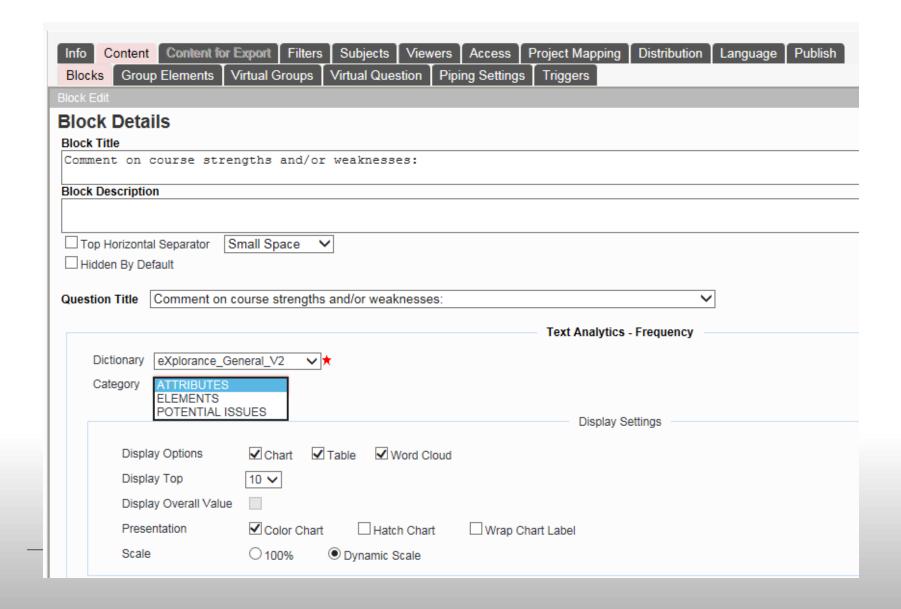
#### **Positive Attributes**

A subcategory within the attributes category. Themes within the positive subcategory are intended to identify aspects of a subject that the commenter views as an asset.

Themes	Definition	Example Keywords	Focus	Example Comment
Approachable (unapproachable)	Easy to meet or converse with.	approachable, calm, easy to talk to, laid- back, good- natured, is open to, open minded, relaxed	behavior of instructor and/or staff. ability to access instructor and/or staff.	The TA was easy to talk to.
Available (unavailable)	Not busy or otherwise committed. Ready to help.	accessible, always around, always available	behavior of instructor and/or staff. ability to access instructor and/or staff.	She was always around and willing to help me out with any questions I had.



### **General Dictionary Categories**





### **General Dictionary Categories**

Attributes - are organized into positive, negative and neutral subcategories.





## **General Dictionary Category:**Attributes

**Positive Attributes** – intended to identify aspects of a subject that the commenter views as an asset.

### **UofL** example:

Attribute: Positive

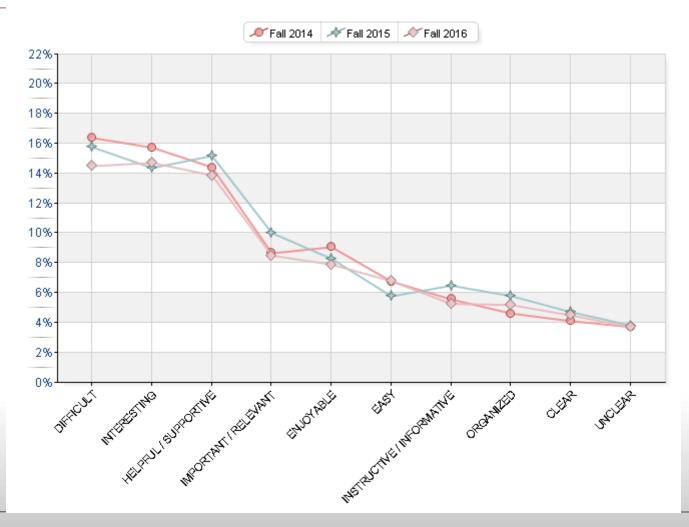
Theme: Enjoyable

"I really enjoy her lectures and find them very interesting and insightful."



### **Comparison of Comments from the College of Arts and Sciences using Blue Text Analytics - Attributes**

Comment on course strengths and/or weaknesses:





### Comparison of Comments from the College of Arts and Sciences using Blue Text Analytics - Attributes

Attributes [No. of comments]	Fall 2014 [5083]	Fall 2015 [4453]	Fall 2016 [13061]
DIFFICULT	16.39 %	15.76 %	14.49 %
INTERESTING	15.74 %	14.37 %	14.72 %
HELPFUL / SUPPORTIVE	14.42 %	15.18 %	13.88 %
IMPORTANT / RELEVANT	8.66 %	10.02 %	8.51 %
ENJOYABLE	9.07 %	8.29 %	7.90 %
EASY	6.77 %	5.77 %	6.79 %
INSTRUCTIVE / INFORMATIVE	5.57 %	6.49 %	5.27 %
ORGANIZED	4.62 %	5.79 %	5.19 %
CLEAR	4.11 %	4.72 %	4.49 %
UNCLEAR	3.72 %	3.82 %	3.72 %

Observation: Priority grade access did NOT negatively impact students' feedback about the course attributes.



### **General Dictionary Categories**

**Elements** - contains commonly mentioned subjects related to the higher education experience of the respondent.





## **General Dictionary Category: Elements**

**Course Element** – focused on the broader elements of the learning experience provided by the instructor, course and materials.

### **UofL** example:

**Element: Course Element** 

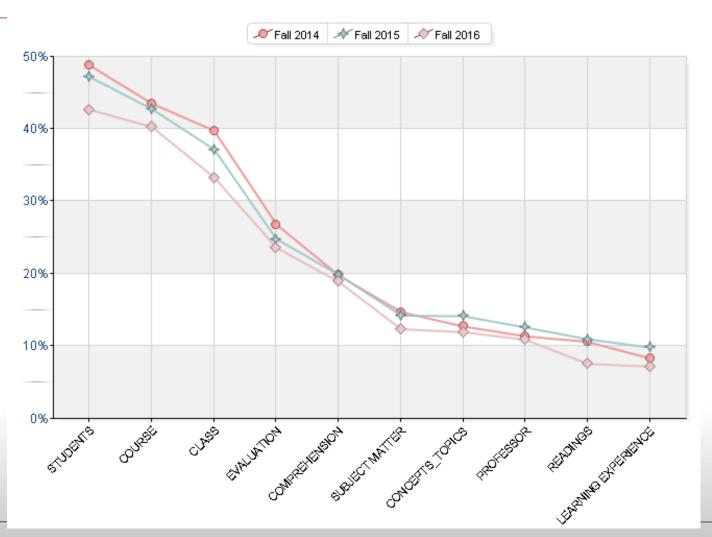
Theme: Attendance

"I like how we fill out a sheet every class to mark attendance and participation."



### Comparison of Comments from the College of Arts and Sciences using Blue Text Analytics - Elements

Comment on course strengths and/or weaknesses:





### Comparison of Comments from the College of Arts and Sciences using Blue Text Analytics - Elements

Elements [No. of comments]	Fall 2014 [5083]	Fall 2015 [4453]	Fall 2016 [13061]
STUDENTS	48.77 %	47.18 %	42.64 %
COURSE	43.50 %	42.74 %	40.27 %
CLASS	39.74 %	37.17 %	33.28 %
EVALUATION	26.80 %	24.77 %	23.58 %
COMPREHENSION	19.75 %	19.85 %	18.88 %
SUBJECT MATTER	14.70 %	14.22 %	12.34 %
CONCEPTS_TOPICS	12.71 %	14.13 %	11.92 %
PROFESSOR	11.35 %	12.58 %	10.87 %
READINGS	10.58 %	10.94 %	7.54 %
LEARNING EXPERIENCE	8.28 %	9.81 %	7.17 %

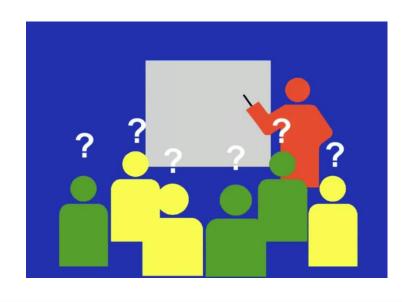
Observation: Priority grade access did NOT negatively impact students' feedback about elements of the course.

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### **General Dictionary Categories**

Potential Issues - a miscellaneous category for themes that occur with some regularity but do not fit into the attributes or elements categories.





## General Dictionary Category: Potential Issues

**Potential Issues** - Common issues that are regularly mentioned in course evaluations and should be measured, but do not fit within the Attributes or Elements categories.

### **UofL** example:

Potential Issue

Theme: Pace

"She also talks too fast (at time her voice becomes a blur) and moves through material too fast which would not be a problem if she posted her lecture slides."



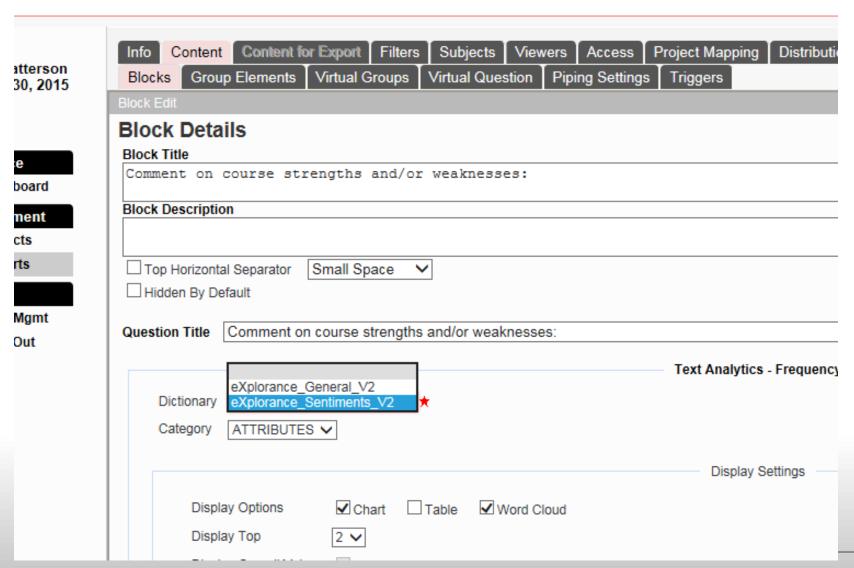
## Comparison of Comments from the College of Arts and Sciences using Blue Text Analytics – Potential Issues

Potential issues [No. of comments]	Fall 2014 [5083]	Fall 2015 [4453]	Fall 2016 [13061]
HIGH_QUANTITY/LEVEL	21.19 %	21.22 %	17.86 %
LOW_QUANTITY/LEVEL	19.95 %	18.50 %	16.55 %
QUANTITY_OTHER	16.76 %	16.98 %	14.12 %
TIME_ISSUES	4.70 %	4.47 %	3.28 %
PACE	2.52 %	2.27 %	2.32 %
WORKLOAD	2.05 %	2.47 %	1.75 %
MEMORIZATION	1.26 %	1.28 %	0.87 %
VOICE ISSUES	0.51 %	0.49 %	0.32 %

Observation: Priority grade access did NOT identify any new potential issues with the course.



### **Sentiments Dictionary**





#### **Sentiments Dictionary**

The Blue Text Analytics engine harnesses the eXplorance Sentiments Dictionary to discern whether feedback reflects a generally **positive opinion** or **negative opinion** regarding the question being asked.

The explorance Sentiments Dictionary contains only these two top level categories.





### **Sentiments Dictionary: Positive**

#### **UofL examples:**

- 1. "Good teacher smart guy needs more of a command presence."
- 2. "The class is good."
- 3. "I really enjoy her lectures and find them very interesting and insightful."



### **Sentiments Dictionary: Negative**

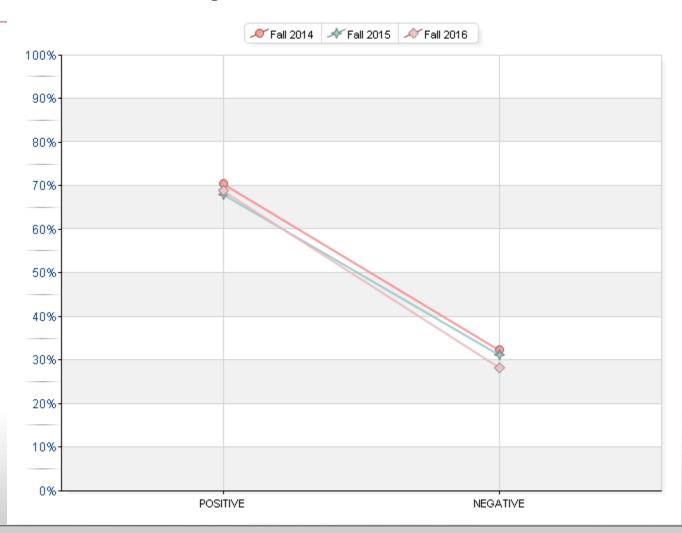
#### **UofL examples:**

- 1. "She goes very fast and it is hard to keep up with note taking."
- 2. "The course is dry. but there is no way around that. Way too many readings."
- 3. "Gets off topic and can be condescending."



### **Comparison of Comments from the College of Arts and Sciences using Blue Text Analytics - Sentiment**

Comment on course strengths and/or weaknesses:





### Comparison of Comments from the College of Arts and Sciences using Blue Text Analytics - Sentiment

Attributes [No. of comments]	Fall 2014 [5083]	Fall 2015 [4453]	
POSITIVE	70.41 %	67.98 %	68.80 %
NEGATIVE	32.24 %	31.17 %	28.27 %

Observation: Priority grade access did NOT negatively impact students' sentiment about the course.

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### **University Community Response**



#### **Students**

- ✓ Overall response was either positive or neutral (i.e., "not a big deal").
- ✓ Some students needed clarification on who to contact if they were unable to access their grades due to different types of account "holds" (such as an outstanding balance).



### **Faculty**

- A few faculty had questions about whether to post final grades in the Blackboard grade center.
- Two faculty contacted the Office of Institutional Research and Planning to indicate they were unaware of the process change.



### **Questions?**