



**BLUENOTES AMERICAS 2017**  
LOUISVILLE, KY • AUGUST 1<sup>ST</sup> - 4<sup>TH</sup> 2017

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# Blue Cascaded Course Evaluation Model

Make Data More Meaningful by Leveraging Institutional Hierarchy

*Presented by : Long Hua*



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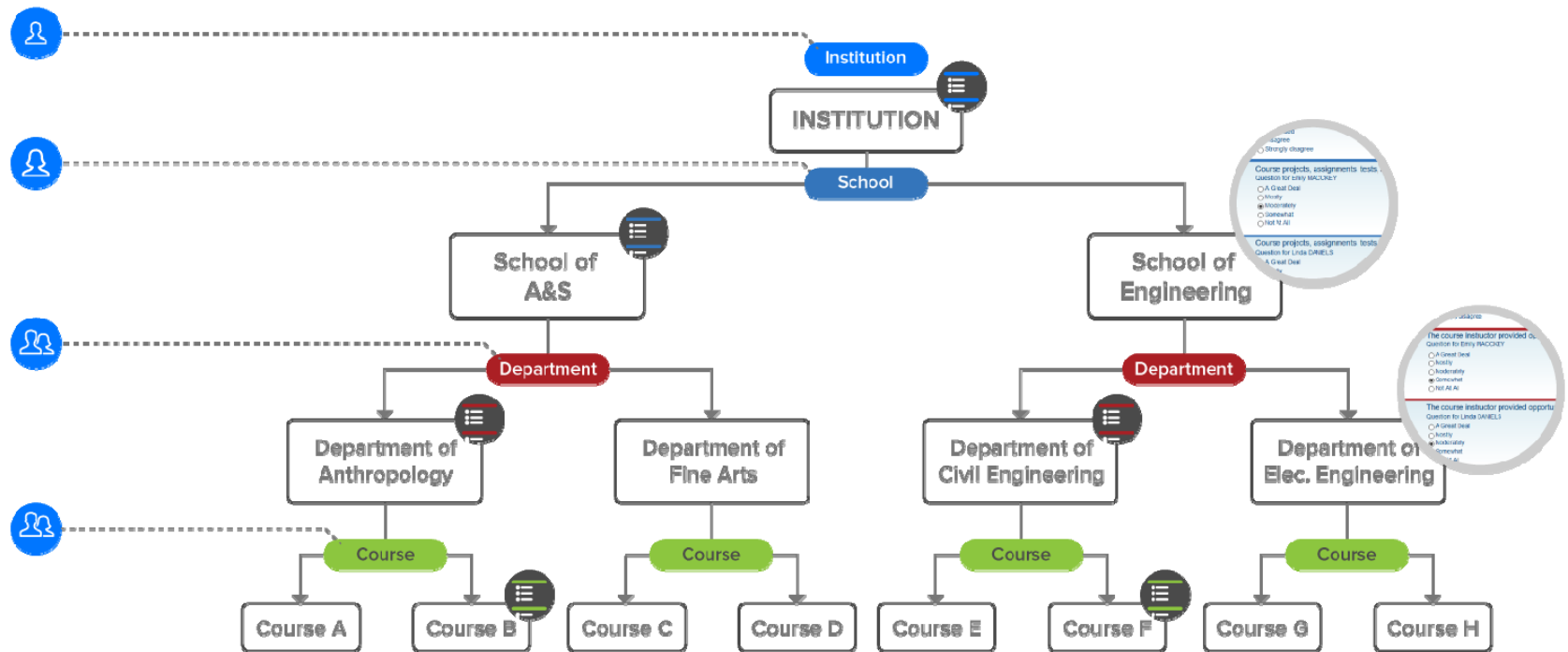
# Agenda

- What is the Cascaded Course Evaluation Model
- Why Cascaded
- What are the enhancements related to cascaded evaluations in Blue 7



07/08/2017

# CASCADED EVALUATION & INSTITUTIONAL HIERARCHY



# What is Cascaded Course Evaluation Model?

The cascaded model is not only focused on the core set of teaching & learning priorities across an institution but also takes into consideration the diversity of the teaching & learning priorities across schools, departments, and courses.

In the other words, the cascaded model not only enables institution to have data for reporting and also gives stakeholders at all levels the ability to select additional questions for more customized feedback.



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The course material inspired me to learn more about the subject matter.

- Strongly agree
- Agree
- Undecided
- Disagree
- Strongly disagree

Course projects, assignments, tests, and/or exams improved my understanding of the course material.

Question for Dr. James Earl SCOTT

- A Great Deal
- Mostly
- Moderately
- Somewhat
- Not At All

Course projects, assignments, tests, and/or exams improved my understanding of the course material.

Question for Jeannie TAYLOR

- A Great Deal
- Mostly
- Moderately
- Somewhat
- Not At All

# How course evaluation results are used

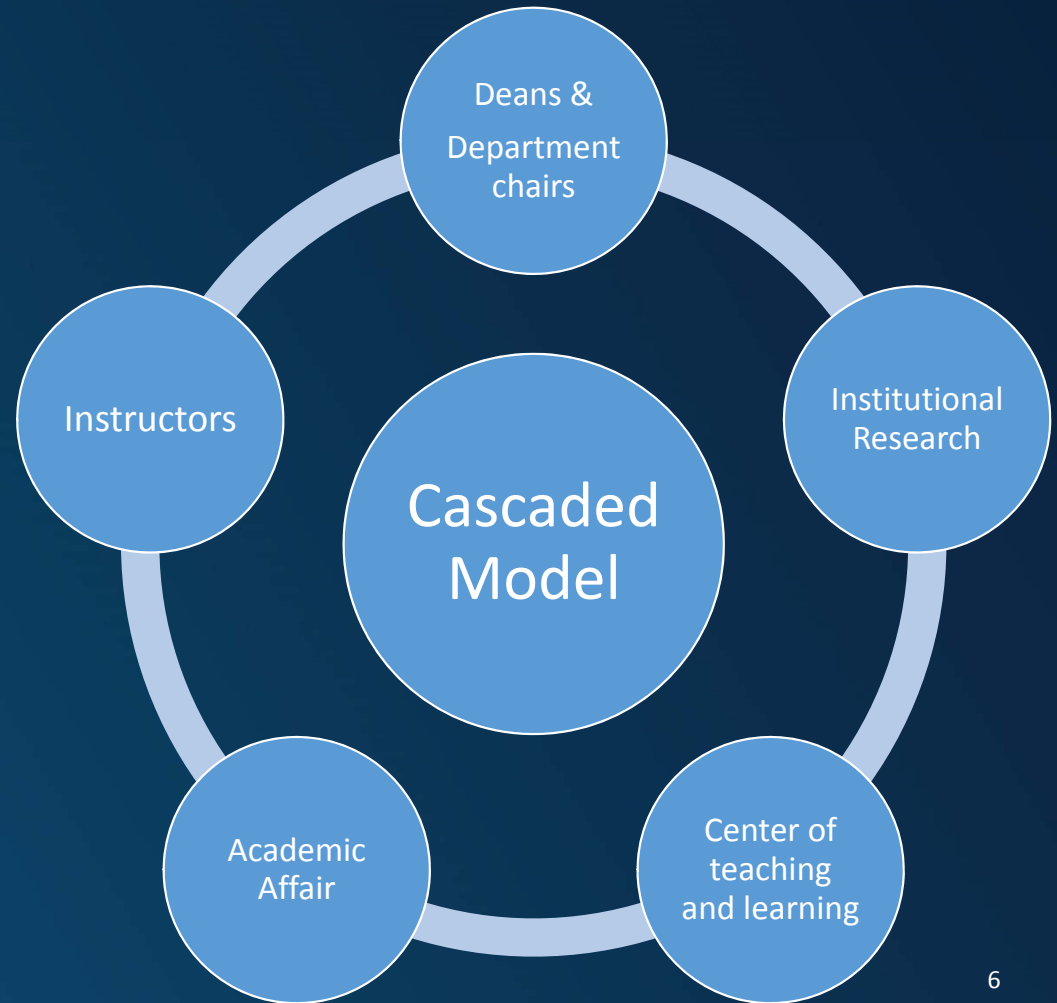
- Summative purposes
  - A means to make personnel decisions, such as hiring, tenure, promotion, and annual review
  - Accreditation purpose to meet the growing expectation from government and the public for transparency and accountability from post-secondary, publicly-funded universities
- Formative purposes
  - Helping faculties to improve on specific teaching aspects (approachability, communication skills, enthusiasm, organization skills, etc.)
- Analytics purposes
  - Learning analytics – to improve learning environments and outcomes
  - Institutional analytics - to improve administrative or business processes



07/08/2017

How can we avoid survey fatigue while aiming to ensure that all stakeholders have the ability to collect meaningful data at the same time?

Cascaded approach: Balanced instrument for a coherent assessment across all academic units





# Concepts in Blue Question Bank

1. **Bank of Questions:** Assemble list of questions into a bank of questions; the result is a list of Question IDs to map
2. **Placeholders:** Set up the Blue question item list with the placeholders
3. **Mapping File:** Map the Question IDs in step 1 to the appropriate placeholders by leveraging institutional hierarchy

Question Id	Question Type	Question Title
FENG1	Selection	The course instructor provided opportunity for classroom
FENG2	Selection	Course projects and/or assignments provided opportunity
FENG3	Selection	The course provided information on important issues in
DCIVIL1	Selection	The course instructor provided opportunity for group
DCIVIL2	Selection	The course instructor made it clear what students were
FNUR1	Comment	Please comment on the value of the required readings toward your overall learning experience in the course.
FNUR2	Comment	Please comment on the extent to which course assignments and tests required you to think and apply
FNUR3	Selection	The course material inspired me to learn more about the
DELEC1	Selection	How effectively was class time used to help you learn?
DELEC2	Selection	Course projects, assignments, tests, and/or exams improved my understanding of the course material.
DINTCAR1	Selection	Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an
DINTCAR2	Comment	What did you find least beneficial about this course
ExpQ5B	Comment	Please comment on any assistance that was available to support your learning in the
ExpQ6A	Selection	This course is organized well.
ExpQ6B	Selection	How clear was the textbook?
ExpQ7A	Selection	My instructor treats students fairly and with respect.
ExpQ8A	Comment	Please comment on the value of time spent in class toward your overall learning experience in the course.
ExpQ9A	Comment	Please comment on the overall quality of the instruction
ExpQ9B	Comment	Please comment on any assistance that was available to support your learning in the



School Section

School 001

- option1
- option2
- option3
- option4
- option5

School 002

- option1
- option2
- option3
- option4
- option5

Department Section

Dept 001

- option1
- option2
- option3
- option4
- option5

Dept 002

- option1
- option2
- option3
- option4
- option5

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# Concepts in Blue Question Bank

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## Bank of Questions

Question Id	Question Type	Question Title
FENG1	Selection	The course instructor provided opportunity for classroom
FENG2	Selection	Course projects and/or assignments provided opportunity
FENG3	Selection	The course provided information on important issues in
DCIVIL1	Selection	The course instructor provided opportunity for group
DCIVIL2	Selection	The course instructor made it clear what students were
FNUR1	Comment	Please comment on the value of the required readings toward your overall learning experience in the course.
FNUR2	Comment	Please comment on the extent to which course assignments and tests required you to think and apply
FNUR3	Selection	The course material inspired me to learn more about the
DELEC1	Selection	How effectively was class time used to help you learn?
DELEC2	Selection	Course projects, assignments, tests, and/or exams improved my understanding of the course material.
DINTCAR1	Selection	Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an
DINTCAR2	Comment	What did you find least beneficial about this course
Exp05B	Comment	Please comment on any assistance that was available to support your learning in the

# Concepts in Blue Question Bank

1. Bank of Questions: Assemble list of questions into a bank of questions; the result is a list of Question IDs to map
2. Placeholders: Set up the Blue question item list with the placeholders
3. Mapping File: Map the Question IDs in step 1 to the appropriate placeholders by leveraging institutional hierarchy

	School Placeholder 1	School Placeholder 2	School Placeholder 3	Department Placeholder 1	Department Placeholder 2
School of Engineering	FENG1	FENG2	FENG3		
School of Nursing	FNUR1	FNUR2	FNUR3		
Civil Engineering				DCIVIL1	DCIVIL2
Electrical Engineering				DELEC1	DELEC2
Intensive Care				DINTCAR1	DINTCAR2

← Placeholders

← Mapping File



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# Enhancements related to cascaded course evaluations

New use cases supported in Blue 7

I want to verify question mapping for each academic unit

*The question mapping is done with a excel file. There was no visual aid to validate the question mapping for a specific academic unit.*

# Mapping File

Type	ID	Question Summary	Department	Departmental Questions COURSE 001	Departmental Questions COURSE 002
qbank_cross	LAW	LAW	LAW	LAW002C	
qbank_cross	ECON	ECON	ECON	ECON009C	ECON001C
qbank_cross	CMLT	CMLT	CMLT		
qbank_cross	SOC	SOC	SOC	SOC001C	SOC002C
qbank_cross	SPEA	SPEA	SPEA	SPEA002C	SPEA003C
qbank_cross	AADM	AADM	AADM	SPEA002C	SPEA003C
qbank_cross	INST	INST	INST		
qbank_cross	INTL	INTL	INTL		
qbank_cross	LAMP	LAMP	LAMP	BEST001C	BEST055C
qbank_cross	LING	LING	LING	BEST001C	BEST060C
qbank_cross	OPT	OPT	OPT	BEST001C	BEST086C
qbank_cross	LTAM	LTAM	LTAM	BEST001C	BEST079C
qbank_cross	ANTH	ANTH	ANTH	BEST001C	BEST107C
qbank_cross	SLAV	SLAV	SLAV	BEST001C	BEST055C
qbank_cross	VSCI	VSCI	VSCI	BEST086C	BEST001C
qbank_cross	THTR	THTR	THTR	THTR002C	BEST080C
qbank_cross	GNDR	GNDR	GNDR	GNDR001C	GNDR002C
qbank_cross	AFRI	AFRI	AFRI	BEST063C	BEST069C
qbank_cross	BUS	BUS	BUS	KSB001C	KSB003C
qbank_cross	MATH	MATH	MATH	BEST001C	BEST075C
qbank_cross	CLLC	CLLC	CLLC		
qbank_cross	HIST	HIST	HIST	HIST001C	HIST002C
qbank_cross	REL	REL	REL		
qbank_cross	ILS	ILS	ILS		
qbank_cross	ASCS	ASCS	ASCS		
qbank_cross	FRIT	FRIT	FRIT	FRIT001C	BEST107C
qbank_cross	CULS	CULS	CULS		
qbank_cross	PHAR	PHAR	PHAR		
qbank_cross	ABEH	ABEH	ABEH	BEST001C	BEST107C
qbank_cross	SPH	SPH	SPH	BEST001C	
qbank_cross	SOAD	SOAD	SOAD		
qbank_cross	MEST	MEST	MEST		

# Mapping

Type	ID	Question Summary	Department	Departmental Questions COURSE 001	Departmental Questions COURSE 002
qbank_cross	LAW	LAW	LAW	LAW002C	
qbank_cross	ECON	ECON	ECON	ECON009C	ECON001C
qbank_cross	CMLT	CMLT	CMLT		
qbank_cross	SOC	SOC	SOC	SOC001C	SOC002C
qbank_cross	SPEA	SPEA	SPEA	SPEA002C	SPEA003C
qbank_cross	AADM	AADM	AADM	SPEA002C	SPEA003C
qbank_cross	INST	INST	INST		
qbank_cross	INTL	INTL	INTL		
qbank_cross	LAMP	LAMP	LAMP	BEST001C	BEST055C
qbank_cross	LING	LING	LING	BEST001C	BEST060C
qbank_cross	OPT	OPT	OPT	BEST001C	BEST086C
qbank_cross	LTAM	LTAM	LTAM	BEST001C	BEST079C
qbank_cross	ANTH	ANTH	ANTH	BEST001C	BEST107C
qbank_cross	SLAV	SLAV	SLAV	BEST001C	BEST055C
qbank_cross	VSCI	VSCI	VSCI	BEST086C	BEST001C
qbank_cross	THTR	THTR	THTR	THTR002C	BEST080C
qbank_cross	GNDR	GNDR	GNDR	GNDR001C	GNDR002C
qbank_cross	AFRI	AFRI	AFRI	BEST063C	BEST069C
qbank_cross	BUS	BUS	BUS	KSB001C	KSB003C
qbank_cross	MATH	MATH	MATH	BEST001C	BEST075C
qbank_cross	CLLC	CLLC	CLLC		
qbank_cross	HIST	HIST	HIST	HIST001C	HIST002C
qbank_cross	REL	REL	REL		
qbank_cross	ILS	ILS	ILS		
qbank_cross	ASCS	ASCS	ASCS		
qbank_cross	FRIT	FRIT	FRIT	FRIT001C	BEST107C
qbank_cross	CULS	CULS	CULS		
qbank_cross	PHAR	PHAR	PHAR		
qbank_cross	ABEH	ABEH	ABEH	BEST001C	BEST107C
qbank_cross	SPH	SPH	SPH	BEST001C	
qbank_cross	SOAD	SOAD	SOAD		
qbank_cross	MEST	MEST	MEST		
qbank_cross	PACE	PACE	PACE		
qbank_cross	TOPT	TOPT	TOPT	BEST086C	BEST001C
qbank_cross	COGS	COGS	COGS		
qbank_cross	HISP	HISP	HISP	BEST001C	
qbank_cross	AAST	AAST	AAST		
qbank_cross	NELC	NELC	NELC		
qbank_cross	COLL	COLL	COLL		
qbank_cross	CEUS	CEUS	CEUS	BEST001C	
qbank_cross	REEI	REEI	REEI		

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# Visualization

Questions Mapped: 4

Questions Mapped: 4

Questions Mapped: 1

Questions Mapped: 4

**Questions (4)**

Placeholder: SubDept Course  
Question ID: ExpQ10A  
Question: Course projects and/or assignments provided opportunity for reflection.

Placeholder: SubDept Instructor  
Question ID: ExpQ11A  
Question: The course instructor provided opportunity for group activity and discussion in class.

Placeholder: SubDept Comment  
Question ID: ExpQ12A  
Question: Please comment on the value of the required readings toward your overall learning experience in the course.

Placeholder: SubDept Section  
Question ID: L3\_Social\_Anthropology  
Question: Sub Department - Social Anthropology

Questions Mapped: 2

Questions Mapped: 4

Questions Mapped: 2

Questions Mapped: 3

Questions Mapped: 0

I want to easily assign a likert scale to multiple questions in the Question Bank

*In Blue 7, a list of likert scales can be created and applied to rating questions. This makes modifying scale captions and score values across large number of questions far easier.*

# Managing Likert Scales

A	B	C	D	E	F	G	H
Question Type Definition Id	Question Type Definition Name	Question Type	Option 1	Option 2	Option 3	Option 4	Option 5
SectionTitle	SectionTitle	Section Title					
Comment	Comment	Comment					
SS_A Great Deal	SingleSelection_A Great Deal	Selection	A Great Deal	Mostly	Moderately	Somewhat	Not At All
SS_Agree	SingleSelection_Agree	Selection	Strongly agree	Agree	Undecided	Disagree	Strongly disagree
SS_Clear	SingleSelection_Clear	Selection	Very Clearly	Clearly	Somewhat Clearly	Not at all Clearly	
SS_Effective	SingleSelection_Effective	Selection	Very Effective	Effective	Somewhat Effective	Not at all Effective	



Not every school within my institution is ready to manage course evaluations centrally

*In Blue 7, multiple Question Banks can be created for use in a decentralized environment; each one can be managed independently by different set of survey administrators.*

D	Family Name	Given Name	Datasource	Map	Update	Delete	Manage
<input type="checkbox"/>	Scott	ABRAHAM	Q.User	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Nicole	ACKERMAN	1. Users	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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I need to support multiple languages

*In Blue 7, the Question Bank can now support all the Blue end user language packs. Translation is done one language at a time.*

# Translation File

Question Id	Field	Base Language	Translation
ARTSC01	Question Title	The course instructor provided opportunity for classroom discussion.	L'instructeur de cours a offert l'occasion de discuter en classe.
ARTSC01	Question Detail	Question for [C\$FN] [C\$LN]	Question pour [C\$FN] [C\$LN]
ARTSC01	Block Title	The course instructor provided opportunity for classroom discussion.	L'instructeur de cours a offert l'occasion de discuter en classe.
ExpQ10A	Question Title	Course projects and/or assignments provided opportunity for reflection.	Les projets de cours et / ou les missions ont permis une réflexion.
ExpQ10A	Question Detail	Course projects and/or assignments provided opportunity for reflection.	Le cours a fourni des informations sur des questions importantes dans le sujet.
ExpQ10A	Block Title	Course projects and/or assignments provided opportunity for reflection.	Le cours a fourni des informations sur des questions importantes dans le sujet.
ExpQ10B	Question Title	The course provided information on important issues in the subject matter.	L'instructeur de cours a offert l'occasion d'une activité de groupe et de discussion en classe.
ExpQ10B	Question Detail	The course provided information on important issues in the subject matter.	Question pour [C\$FN] [C\$LN]
ExpQ10B	Block Title	The course provided information on important issues in the subject matter.	L'instructeur de cours a précisé ce que les élèves devaient apprendre dans le cours.
ExpQ11A	Question Title	The course instructor provided opportunity for group activity and discussion in class.	Question pour [C\$FN] [C\$LN]
ExpQ11A	Question Detail	Question for [C\$FN] [C\$LN]	
ExpQ11A	Block Title	The course instructor made it clear what students were expected to learn in the course.	
ExpQ11B	Question Title	Question for [C\$FN] [C\$LN]	
ExpQ11B	Question Detail	Question for [C\$FN] [C\$LN]	
ExpQ11B	Block Title	Please comment on the value of the required readings toward your overall learning experience in the course.	
ExpQ12A	Question Title	Please comment on the value of the required readings toward your overall learning experience in the course.	
ExpQ12A	Question Detail		
ExpQ12A	Block Title		
ExpQ12B	Question Title	Please comment on the extent to which course assignments and tests required you to think and apply course concepts rather than memorize them.	
ExpQ12B	Question Detail		
ExpQ12B	Block Title		
ExpQ3A	Question Title	The course material inspired me to learn more about the subject matter.	
ExpQ3A	Question Detail		
ExpQ3A	Block Title		
ExpQ3B	Question Title	How effectively was class time used to help you learn?	
ExpQ3B	Question Detail		
ExpQ3B	Block Title		
ExpQ4A	Question Title	Course projects, assignments, tests, and/or exams improved my understanding of the course material.	

I need to make changes to one project's questionnaire without impacting other projects, all of them sharing the same Question Bank

*In Blue 7, updates are now captured in different versions of the Question Bank. Adding, removing, or updating questions can be applied to specified projects depending on the need.*

# Question Bank Versions

## Bind to a Question Bank

Select a question bank from the list and bind it to this project. The question ID from the selected question bank will be used for question mapping. Click on [Question Bank Course Evaluation Question Bank.xlsx](#) to download the list of questions from the selected question bank.

Course Evaluation Question Bank

Bind

Unbind

### A new version of the question bank is available

Version 4 of this question bank was added 2017-07-19 10:40. This project is currently using version 2 of the question bank created on 2017-07-18 23:41. Would you like to upgrade to the latest version of the question bank?

Do not upgrade, continue using version 2



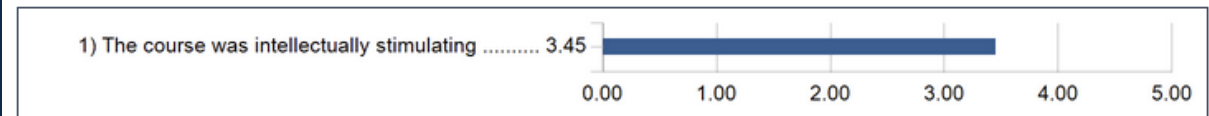


I would like to see sets of questions grouped together in reports

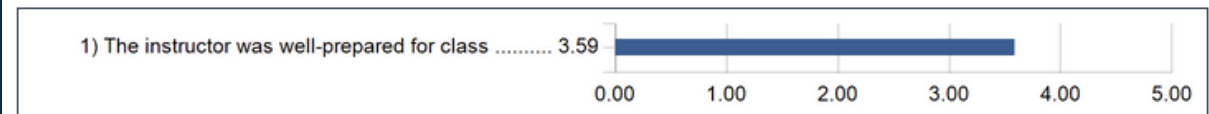
*In Blue 6, the only display option for Question Bank questions is to present them separately, one at a time.*

# Separate display in reports

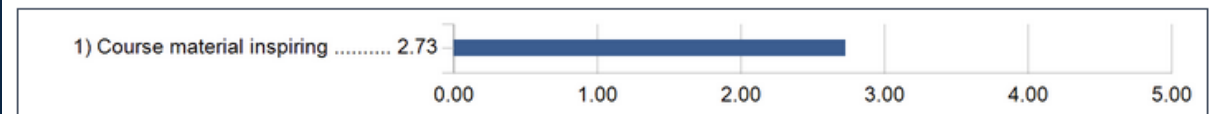
## The course was intellectually stimulating



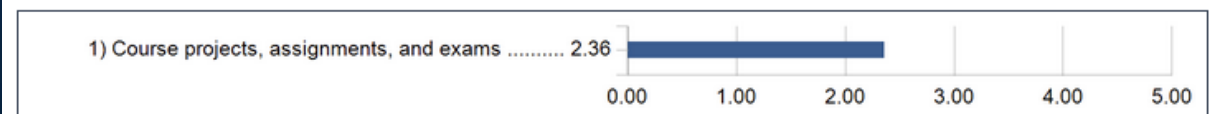
## The instructor was well-prepared for class



## The course material inspired me to learn more about the subject matter.

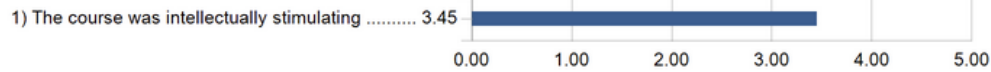


## Course projects, assignments, tests, and/or exams improved my understanding of the course material.

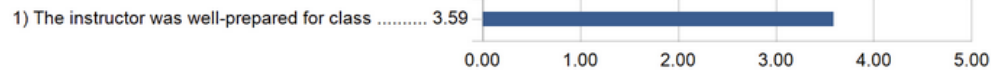


# Separate Grouped

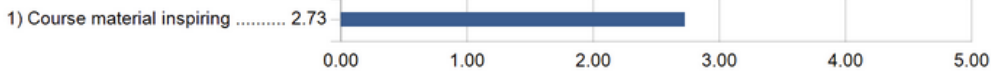
## The course was intellectually stimulating



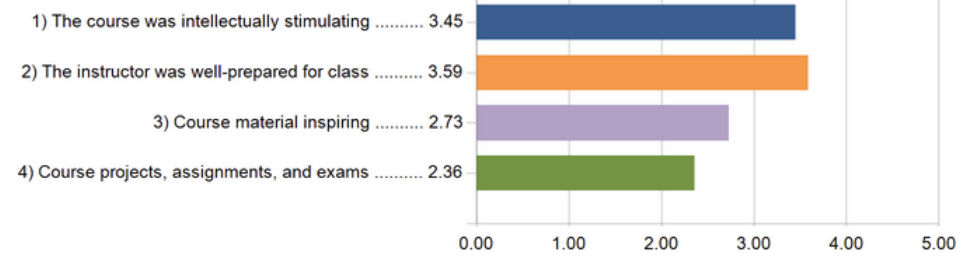
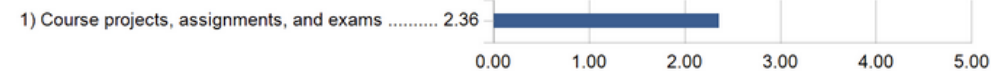
## The instructor was well-prepared for class



## The course material inspired me to learn more about the subject matter.



## Course projects, assignments, tests, and/or exams improved my understanding of the course material.



*In Blue 7, Question Bank placeholders can be grouped together in "virtual question". In addition, regular questions can also be grouped with Question Bank placeholders.*



I would like to have a more compact tabular data display

*Blue 6 only supports one display mode for comparing sub-units (for example, departments belonging to a school, courses belonging to a department, etc.) in tabular format.*

A sample departmental report where the question results are broken down by the list of courses inside this department.



Q1

The course was intellectually stimulating		
Course Name	Resp	Mean
401809 Primate Evolution	2	3.00
401815 Cultures of Modern Canada	2	3.00
401832 First Nations of N. America in Archaeological Perspective	2	1.00
401834 Political Anthropology	2	5.00
401848 Modern Art	4	4.50
402032 Fundamentals of Painting A	4	3.50
402623 Anthropological Study of Religion	2	2.00
402633 Introduction to Art History	4	4.00

There 8 courses inside this department

Q2

The instructor was well-prepared for class		
Course Name	Resp	Mean
401809 Primate Evolution	2	3.00
401815 Cultures of Modern Canada	2	4.50
401832 First Nations of N. America in Archaeological Perspective	2	1.00
401834 Political Anthropology	2	4.50
401848 Modern Art	4	4.50
402032 Fundamentals of Painting A	4	3.50
402623 Anthropological Study of Religion	2	2.50
402633 Introduction to Art History	4	4.00

Same 8 courses

Q3

The course material inspired me to learn more about the subject matter.		
Course Name	Resp	Mean
401809 Primate Evolution	2	3.00
401815 Cultures of Modern Canada	2	3.00
401832 First Nations of N. America in Archaeological Perspective	2	4.00
401834 Political Anthropology	2	1.00
401848 Modern Art	4	1.50
402032 Fundamentals of Painting A	4	2.50
402623 Anthropological Study of Religion	2	3.00
402633 Introduction to Art History	4	4.00

Same 8 courses

Q4

Course projects, assignments, tests, and/or exams improved my understanding of the course material.		
Course Name	Resp	Mean
401809 Primate Evolution	2	3.00
401815 Cultures of Modern Canada	2	2.00
401832 First Nations of N. America in Archaeological Perspective	2	5.00
401834 Political Anthropology	2	1.00
401848 Modern Art	4	1.50
402032 Fundamentals of Painting A	4	2.50
402623 Anthropological Study of Religion	2	3.00
402633 Introduction to Art History	4	2.00

Same 8 courses

The course was intellectually stimulating

Course Name	Resp	Mean
401809 Primate Evolution	2	3.00
401815 Cultures of Modern Canada	2	3.00
401832 First Nations of N. America in Archaeological Perspective	2	1.00
401834 Political Anthropology	2	5.00
401848 Modern Art	4	4.50
402032 Fundamentals of Painting A	4	3.50
402623 Anthropological Study of Religion	2	2.00
402633 Introduction to Art History	4	4.00

One question at a time

The instructor was well-prepared for class

Course Name	Resp	Mean
401809 Primate Evolution	2	3.00
401815 Cultures of Modern Canada	2	4.50
401832 First Nations of N. America in Archaeological Perspective	2	1.00
401834 Political Anthropology	2	4.50
401848 Modern Art	4	4.50
402032 Fundamentals of Painting A	4	3.50
402623 Anthropological Study of Religion	2	2.50
402633 Introduction to Art History	4	4.00

The course material inspired me to learn more about the subject matter.

Course Name	Resp	Mean
401809 Primate Evolution	2	3.00
401815 Cultures of Modern Canada	2	3.00
401832 First Nations of N. America in Archaeological Perspective	2	4.00
401834 Political Anthropology	2	1.00
401848 Modern Art	4	1.50
402032 Fundamentals of Painting A	4	2.50
402623 Anthropological Study of Religion	2	3.00
402633 Introduction to Art History	4	4.00

Course projects, assignments, tests, and/or exams improved my understanding of the course material.

Course Name	Resp	Mean
401809 Primate Evolution	2	3.00
401815 Cultures of Modern Canada	2	2.00
401832 First Nations of N. America in Archaeological Perspective	2	5.00
401834 Political Anthropology	2	1.00
401848 Modern Art	4	1.50
402032 Fundamentals of Painting A	4	2.50
402623 Anthropological Study of Religion	2	3.00
402633 Introduction to Art History	4	2.00



## Compact/multiple questions

Q1: The course was intellectually stimulating

Q2: The instructor was well-prepared for class

Q3: The course material inspired me to learn more about the subject matter.

Q4: Course projects, assignments, tests, and/or exams improved my understanding of the course material.

Name	Q1		Q2		Q3		Q4	
	Resp	Mean	Resp	Mean	Resp	Mean	Resp	Mean
401809 Primate Evolution	2	3.00	2	3.00	2	3.00	2	3.00
401815 Cultures of Modern Canada	2	3.00	2	4.50	2	3.00	2	2.00
401832 First Nations of N. America in Archaeological Perspective	2	1.00	2	1.00	2	4.00	2	5.00
401834 Political Anthropology	2	5.00	2	4.50	2	1.00	2	1.00
401848 Modern Art	4	4.50	4	4.50	4	1.50	4	1.50
402032 Fundamentals of Painting A	4	3.50	4	3.50	4	2.50	4	2.50
402623 Anthropological Study of Religion	2	2.00	2	2.50	2	3.00	2	3.00
402633 Introduction to Art History	4	4.00	4	4.00	4	4.00	4	2.00

*In Blue 7, spreadsheet block can group several question results in one table.*

I would like to include normative comparisons in the table

*Spreadsheet blocks now support normative comparisons*

## A sample Sub-Department report

	Mean	Dept	School
The course was intellectually stimulating	4.25	4.00	3.45
The instructor was well-prepared for class	4.25	4.00	3.59
The course material inspired me to learn more about the subject matter.	2.75	2.67	2.73
Course projects, assignments, tests, and/or exams improved my understanding of the course material.	1.75	2.00	2.36
This course is organized well.	1.50	2.00	2.33
The course instructor provided opportunity for classroom discussion.	1.50	2.00	2.50
The course provided information on important issues in the subject matter.	1.50	2.00	2.00
The course instructor provided opportunity for group activity and discussion in class.	1.50	1.50	2.75



School & Departmental Norm



I would like to include normative comparisons in the table, but to show them as rows rather than columns

School & Dept. Norm



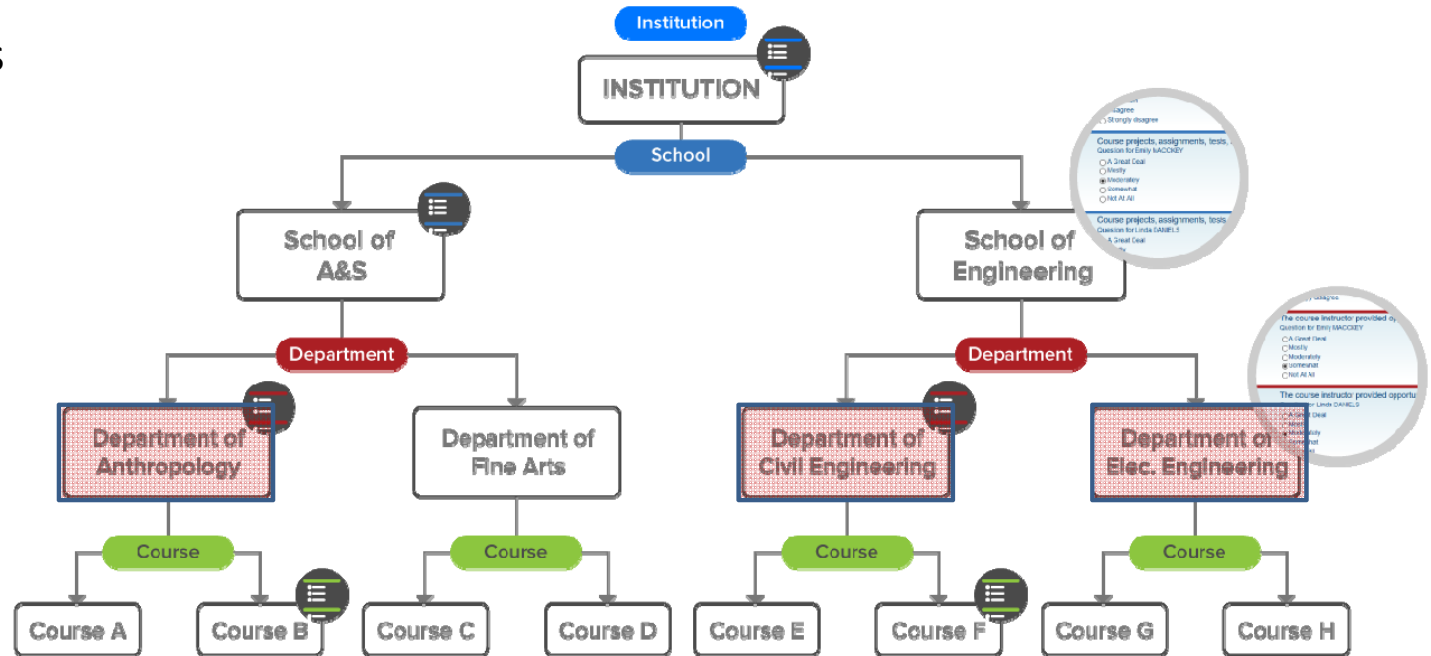
# A sample Sub-Department report

Q1: The course was intellectually stimulating  
 Q2: The instructor was well-prepared for class  
 Q3: The course material inspired me to learn more about the subject matter.  
 Q4: Course projects, assignments, tests, and/or exams improved my understanding of the course material.

Course Name	Q1		Q2		Q3		Q4	
	Resp	Mean	Resp	Mean	Resp	Mean	Resp	Mean
401809 Primate Evolution	2	3.00	2	3.00	2	3.00	2	3.00
401815 Cultures of Modern Canada	2	3.00	2	4.50	2	3.00	2	2.00
401832 First Nations of N. America in Archaeological Perspective	2	1.00	2	1.00	2	4.00	2	5.00
401834 Political Anthropology	2	5.00	2	4.50	2	1.00	2	1.00
402623 Anthropological Study of Religion	2	2.00	2	2.50	2	3.00	2	3.00
Dept - Anthropology	10	2.80	10	3.10	10	2.80	10	2.80
School - Arts & Science	22	3.45	22	3.59	22	2.73	22	2.36

When one question is selected by more than one department, can we compare each department's score against the institutional norm for this question?

*An institution norm can be calculated based on all of the courses that are mapped to the same question using the same placeholder.*





Is there a better way to allow Deans to view all results at their level and at levels below them in one report?

*In reports, a Question Bank section title can be used to group and filter question results corresponding to institutional hierarchy.*

School - Arts & Science

School Questions

	Resp	1	2	3	4	5	Mean
The course was intellectually challenging	32	0	2	6	16	8	3.94
The instructor was well-prepared for class	34	0	3	8	17	6	3.76
The course material inspired me to learn more about the subject matter.	34	2	18	14	0	0	2.35
Course projects, assignments, tests, and/or exams improved my understanding of the course material.	32	4	18	10	0	0	2.19

Department - Anthropology

Dept Questions

	Resp	1	2	3	4	5	Mean	School
The course was intellectually challenging	18	0	0	2	8	8	4.33	3.94
The instructor was well-prepared for class	20	0	1	3	10	6	4.05	3.76
The course material inspired me to learn more about the subject matter.	20	2	12	6	0	0	2.20	2.35
Course projects, assignments, tests, and/or exams improved my understanding of the course material.	20	4	13	3	0	0	1.95	2.19
This course is organized well.	20	0	20	0	0	0	2.00	2.00
The course instructor provided opportunity for classroom discussion.	20	0	18	2	0	0	2.10	2.10

Department - Fine Arts

Dept Questions

	Resp	1	2	3	4	5	Mean	School
The course was intellectually challenging	14	0	2	4	8	0	3.43	3.94
The instructor was well-prepared for class	14	0	2	5	7	0	3.36	3.76
The course material inspired me to learn more about the subject matter.	14	0	6	8	0	0	2.57	2.35
Course projects, assignments, tests, and/or exams improved my understanding of the course material.	12	0	5	7	0	0	2.58	2.19

Sub Department - Art Education

Sub Dept Question

	Resp	1	2	3	4	5	Mean	Dept	School
The course was intellectually challenging	6	0	0	0	6	0	4.00	3.43	3.94
The instructor was well-prepared for class	6	0	0	2	4	0	3.67	3.36	3.76
The course material inspired me to learn more about the subject matter.	6	0	2	4	0	0	2.67	2.57	2.35
Course projects, assignments, tests, and/or exams improved my understanding of the course material.	5	0	4	1	0	0	2.20	2.58	2.19

School Questions

Department - Anthropology

Department - Fine Arts

SubDept - Art Education





For previous report, we created 3 spreadsheet blocks and wrap them with the proper section titles.

Spreadsheet block for school

Spreadsheet block for department

Spreadsheet block for sub-department

### Report Block List

<input type="checkbox"/>	Index	Title	Type
<input type="checkbox"/>	1	Begin of --- [School Section]	Question Bank Section Start
<input checked="" type="checkbox"/>	2	School Questions	Spreadsheet
<input type="checkbox"/>	3	End of --- [School Section]	Question Bank Section End
<input type="checkbox"/>	4	Begin of --- [Department Section]	Question Bank Section Start
<input checked="" type="checkbox"/>	5	Dept Questions	Spreadsheet
<input type="checkbox"/>	6	End of --- [Department Section]	Question Bank Section End
<input type="checkbox"/>	7	Begin of --- [SubDept Section]	Question Bank Section Start
<input checked="" type="checkbox"/>	8	Sub Dept Question	Spreadsheet
<input type="checkbox"/>	9	End of --- [SubDept Section]	Question Bank Section End

# Make Data More Meaningful

- Session One: Blue Cascaded Course Evaluation Model
- Session Two: Leveraging Blue's Enhanced Data Structure Capabilities for Dynamic Report Access and Teaching Roles Support
- Session Three: Data at the Fingertips of Faculty – Unveiling a New Blue Dashboard Experience and Roadmap





**BLUENOTES AMERICAS 2017**  
LOUISVILLE, KY • AUGUST 1<sup>ST</sup> - 4<sup>TH</sup> 2017



# Thank you!

Questions?