

# *Effective Ecosystem*      *Course*      *Evaluations*      *Reporting*

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# Zayed University - Campus



# Zayed University - Colleges

## Colleges

- **College of Arts and Creative Enterprises**
- **College of Business**
- **College of Communication and Media Sciences**
- **College of Education**
- **College of Technological Innovation**
- **College of Humanities and Social Sciences**
- **College of Natural and Health Sciences**

# Students

- Enrollments : 10750
- Graduates : 16024
- Faculty :722
- Programs Offered : 27

# Purpose

This presentation touches on several enhancements made in the process of administering course evaluations at Zayed University .Migration from an old system to Explorance blue and then to further centralize the survey distribution . Explore reporting model possibilities and how we structure , administer and process reports for further analysis.

# Presentation Points

Migration from Old in-house System to Explorance Blue.

Importance of Reporting these to the Accrediting bodies

Survey Instrument

PLO's at ZU

Mapping of the CLO's at ZU

Process to prepare the data

Reporting of the PLO's

Dashboard – Integrating Blue with BI

# Migration

Migration from Old in-house System to Explorance Blue.

Old System developed in-house using ASP and SQL Server

- Manual Data Uploading
- Setting Survey for every term
- Faculty distribute the survey electronically to students
- Standard tabular reports
- Questions that didn't meet report requirements for Accrediting agencies.
- Lower response rates

# Explorance Blue

- Process Changes
  - Centralized administration
  - No overhead on the faculty
  - Graphical reports
  - Integration with LMS
  - Integration with the Student Information System
  - Integration with Dashboard ( BI)
  - Preset timelines for Students evaluation administration and distribution .
  - Preset timelines for Faculty evaluation administration and distribution.



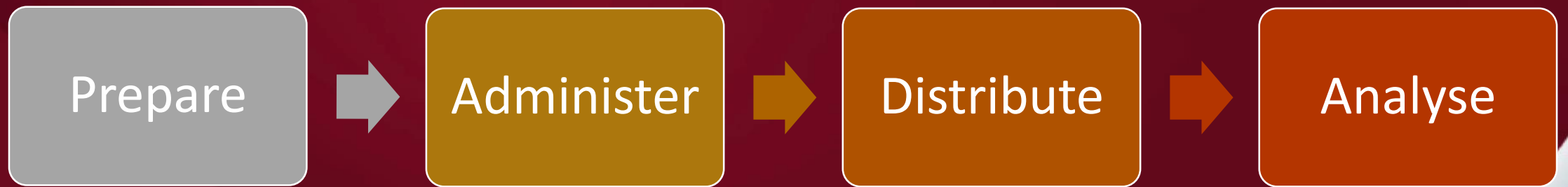
# Explorance Blue

- Process Changes
  - Integration with Faculty Annual Evaluation System
  - SELE( Students Evaluation on Learning environment): Starts 2 weeks before final exam date and ends 1 day before final exam.
  - FELE ( Faculty Evaluation on learning environment): Starts first day of final exam and ends with course file deadline.
  - SLEE reports are distributed after the grades announcement.
  - SELE: Response rates 75%
  - FELE: Response rates 100%

# Importance of Reporting these to the Accrediting bodies

- CAA
- MSCHE
- AABSCP
- ABET
- Internal

# Flow



# Survey Instrument & Reports

- SELE : Students Evaluation of Learning Environment
- FELE : Faculty Reflection or evaluation of learning environment
- CLO : Course Learning Outcome
- PLO : Program Learning Outcome

# Other Surveys

**GSS\_ Graduating Senior Survey**  
**Admission Services Survey**  
**SELE - Students Course Evaluation (UG&GR)**  
**SELE - Students Course Evaluation (ABP)**  
**FELE - Faculty Reflection on Course**  
**Employer Satisfaction/Labor Market Skills & Requirements Survey**  
**Employer Internship Survey**  
**Technology Support Satisfaction**  
**Alumni & Career Office – Services Evaluation**  
**CAFO Satisfaction Survey**

**Pre-registration Survey**  
**Student Satisfaction Survey**  
**CLOs – Course Learning Outcomes Survey**  
**UC – Dept. of Advising & academic Development Survey**  
**GDS – Graduate Destination Survey (Report only)**  
**Survey of Outreach Services - Student Counseling Center**  
**Survey of Student Counseling Services**

# Process to prepare the data

- Curriculum System
- Customized views for PLO data integration with Banner SIS
- PLO data mapping available through oracle Data Source
  - Cross Listing feature of Blue Explorance Used
  - Merge Functionality used to create Reports
- CLO data is also available through customized views
  - Question banks used

# Survey Instrument

- SELE : Students Evaluation of Learning Environment
  - General Questions :4
  - Course Level Questions:13
  - Instructor Level Questions:8
  - Overall Question :3
  - Overall, the quality of my learning experience in this course was:
  - Overall, the quality of instruction provided by the instructor in this course was:
  - I would recommend this course to others:

# Survey Instrument

- FELE : Faculty Reflections or Faculty evaluation on learning environment
  - Questions :9
  - Overall, I believe the course in its current format addresses the intended needs and requires no modifications
- CLO
  - Every course Learning Outcome for a course is asked as a question to the Student in a different survey which follows the Students Evaluation.

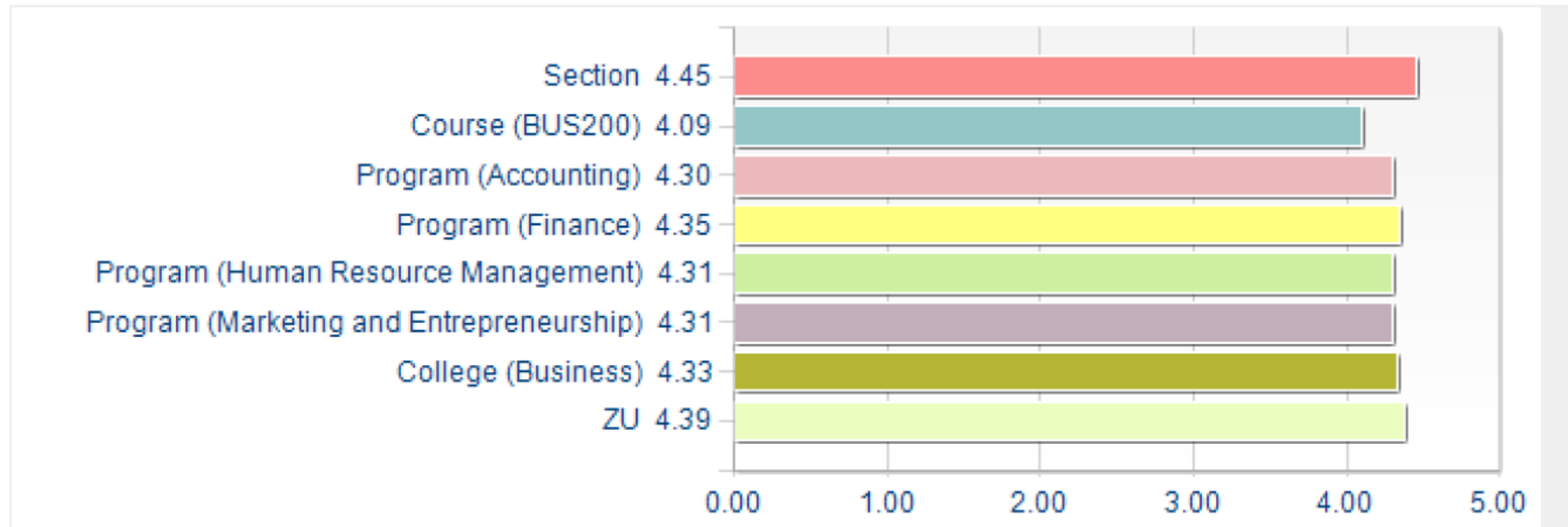


# Performance

- Section Performance
- Course Performance
- Program Performance
- College Performance
- Institution Performance
- Performance within PLO's
- Performance within CLO's

# Reports- Course Level

1. The physical environment (e.g. classroom size, room, tables, desks, lighting, etc.) provided a space that was helpful to my learning



# Reports – ZU Institution Level

## 1. The physical environment (e.g. classroom size, room, tables, desks, lighting, etc.) provided a space that was helpful to my learning



	Mean	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	Resp
Overall	4.39	14135	8255	2236	515	337	25478
Art and Creative Enterprises	4.21	556	404	144	46	25	1175
Business	4.33	1988	1194	347	97	72	3698
Comm. and Media Sciences	4.44	1108	668	141	32	14	1963
Education	4.37	405	306	61	14	8	794
Humanities and Social Sciences	4.43	3183	1689	466	90	62	5490
Natural and Health Sciences	4.41	797	478	110	31	13	1429
Technological Innovation	4.40	995	643	156	22	20	1836
University College	4.39	5103	2873	811	183	123	9093

# PLO at ZU

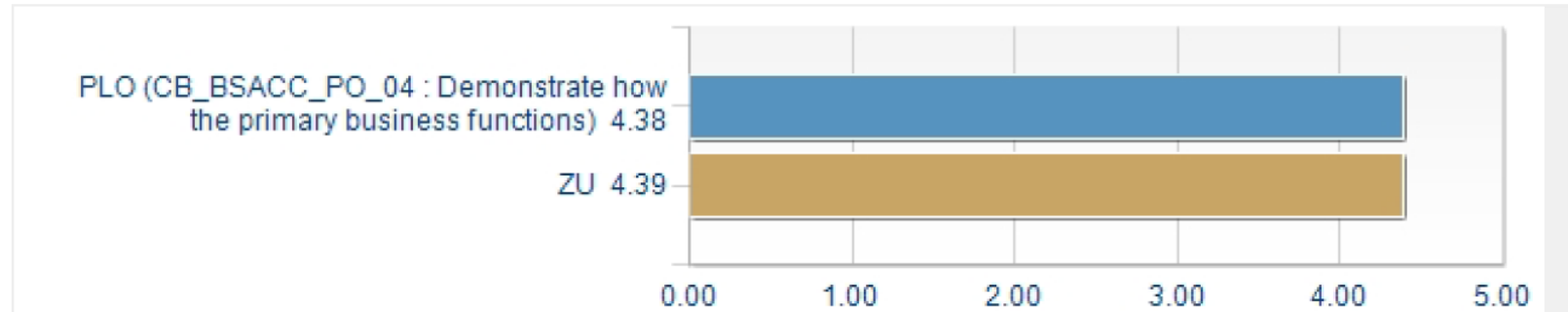
## Example

NH\_BSESS :- Environmental Science and Sustainability--Bachelor of Science (B.S.)

NH\_BSESS\_PO\_03 :-Problem Solving & Critical Thinking: The student will critically assess the information from various sources to develop logical and coherent arguments and evaluate practical and sustainable solutions to environmental problems.

# Reports – PLO Level

1. The physical environment (e.g. classroom size, room, tables, desks, lighting, etc.) provided a space that was helpful to my learning



	Mean	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	Resp
Overall	4.38	1036	612	159	36	30	1873
BUS200	4.09	76	56	21	12	5	170
BUS300	4.40	79	57	15	0	1	152
BUS308	4.54	70	34	7	0	1	112
BUS309	4.39	89	44	15	4	2	154
BUS310	4.24	88	63	23	6	3	183
BUS400	4.28	79	60	18	3	3	163

# Mapping of the CLO's at ZU

Program : CA\_BFAAD - Animation Design--Bachelor of Fine Arts (B.F.A.)

Course: AAD :3D Modeling

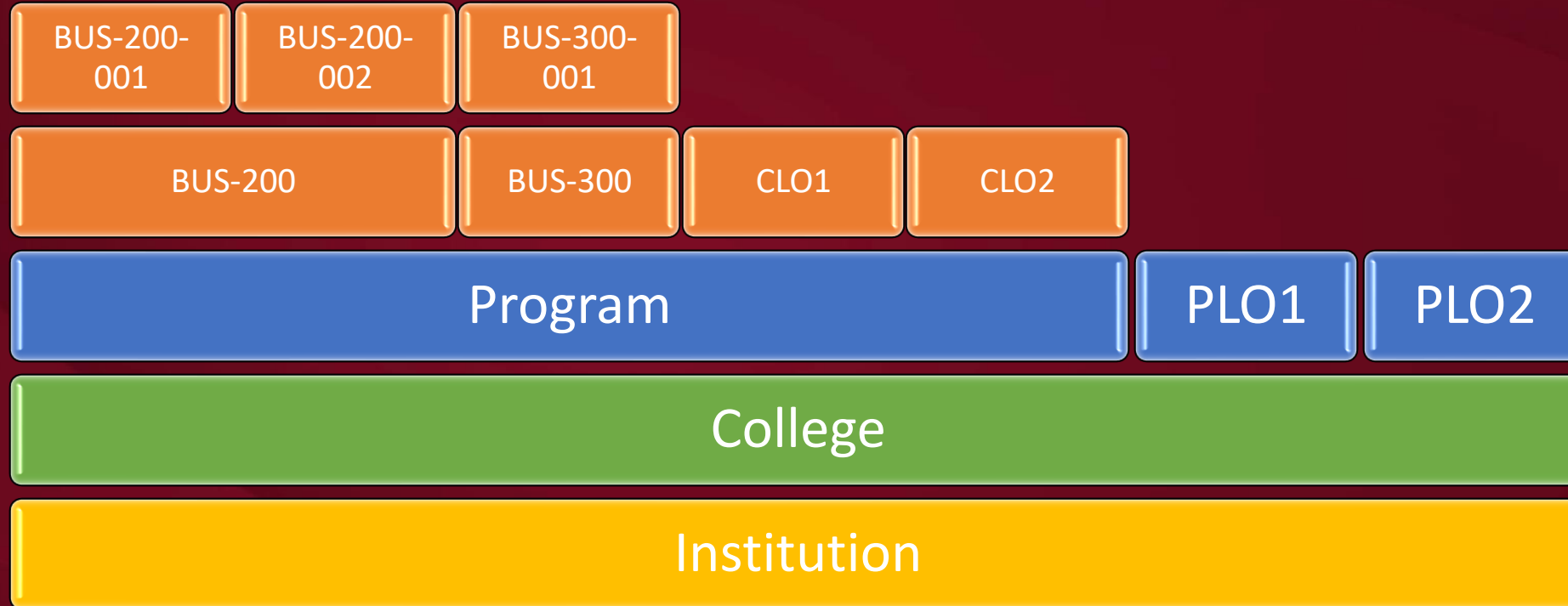
Subject :375

CLO : Create 3D models in industry standard software, using appropriate software techniques, workflows and file types.

PLO : CA\_BFAAD\_PO\_04

Visual Literacy: Analyze complex visual and spatial problems to develop innovative animation and design solutions.

# Mapping



# Preparing the Data for PLO

A	B	C	D	E	F	G	H	I	J	K
AltCourseID	Program_Learning_Outc	COURSE_ID	UNIVERS	LEVEL_C	COURSE	SubjectID	COURSE	COURSE	COURSE	SEMESTI
Original		201622-ADV100-005-23121	ZU	UG	ADV-100-0	201622-ADV100-005-23121	Advising(AI ADV100	AdvisingAD	2017 Spring	
Alternative	UC_UGGED_PO_01	201622-ADV100-005-23121-UC_UGGED_PO_01	ZU	UG	ADV-100-0	201622-ADV100-005-23121	Advising(AI ADV100	AdvisingAD	2017 Spring	
Alternative	UC_UGGED_PO_03	201622-ADV100-005-23121-UC_UGGED_PO_03	ZU	UG	ADV-100-0	201622-ADV100-005-23121	Advising(AI ADV100	AdvisingAD	2017 Spring	
Alternative	UC_UGGED_PO_04	201622-ADV100-005-23121-UC_UGGED_PO_04	ZU	UG	ADV-100-0	201622-ADV100-005-23121	Advising(AI ADV100	AdvisingAD	2017 Spring	
Alternative	UC_UGGED_PO_05	201622-ADV100-005-23121-UC_UGGED_PO_05	ZU	UG	ADV-100-0	201622-ADV100-005-23121	Advising(AI ADV100	AdvisingAD	2017 Spring	



# Preparing the Data for CLO using Question Banks

QuestionId	QuestionType	QuestionTitle	BlockTitle
AAD375-Q1	Selection	Create 3D models in industry standard software, using appropriate software techniques, workflows and file types.	CLO for AAD375-Q1
AAD375-Q2	Selection	Light 3D objects and scenes appropriately, implementing theoretical lighting principles with virtual lighting systems.	CLO for AAD375-Q2
AAD375-Q3	Selection	Render scenes in 3D modelling applications to capture visual outcomes in appropriate image and video formats.	CLO for AAD375-Q3

# Preparing the Data for CLO using Question Banks

Type	ID	Level	ParentID	5f9ea411-fd0d-4d1d-8146227bb-056c-4f4639c8c-5265-4e34-8f570356-a5b4-406f979c4-dd0f-4					
Object type	Object ID	Object hier	Parent Obj	SectionTitle Placeholder	PlaceholderQ1	PlaceholderQ2	PlaceholderQ3	PlaceholderQ4	
COURSE	AAD375	1		AAD375-Title	AAD375-Q1	AAD375-Q2	AAD375-Q3	AAD375-Q4	
COURSE	AAD376	1		AAD376-Title	AAD376-Q1	AAD376-Q2	AAD376-Q3	AAD376-Q4	
COURSE	AAD377	1		AAD377-Title	AAD377-Q1	AAD377-Q2	AAD377-Q3	AAD377-Q4	
COURSE	AAD475	1		AAD475-Title	AAD475-Q1	AAD475-Q2	AAD475-Q3	AAD475-Q4	
COURSE	AAD476	1		AAD476-Title	AAD476-Q1	AAD476-Q2	AAD476-Q3	AAD476-Q4	
COURSE	AAH322	1		AAH322-Title	AAH322-Q1	AAH322-Q2	AAH322-Q3	AAH322-Q4	
COURSE	AAH325	1		AAH325-Title	AAH325-Q1	AAH325-Q2	AAH325-Q3	AAH325-Q4	
COURSE	AAH326	1		AAH326-Title	AAH326-Q1	AAH326-Q2	AAH326-Q3	AAH326-Q4	
COURSE	AAH430	1		AAH430-Title	AAH430-Q1	AAH430-Q2	AAH430-Q3	AAH430-Q4	

# Reports – CLO Level

The screenshot shows a web browser window with the URL <https://irsurveys.zu.ac.ae/blue/>. The page is titled 'Welcome eXplorance Support' and 'Zayed University'. A modal window titled 'View Mapping' is open, displaying a table of questions for course AAD375. The table has 5 rows, each representing a question with its ID, text, and a scale of responses.

Questions (5)	
Placeholder: SectionTitle Placeholder Question ID: AAD-375-Title	Question: 3D Modeling
Placeholder: PlaceholderQ1 Question ID: AAD-375-CLO-01	Question: Create 3D models in industry standard software, using appropriate software techniques, workflows and file types. Scale: Strongly agree (5), Agree (4), Neutral (3), Disagree (2), Strongly disagree (1)
Placeholder: PlaceholderQ2 Question ID: AAD-375-CLO-02	Question: Light 3D objects and scenes appropriately, implementing theoretical lighting principles with virtual lighting systems. Scale: Strongly agree (5), Agree (4), Neutral (3), Disagree (2), Strongly disagree (1)
Placeholder: PlaceholderQ3 Question ID: AAD-375-CLO-03	Question: Render scenes in 3D modelling applications to capture visual outcomes in appropriate image and video formats. Scale: Strongly agree (5), Agree (4), Neutral (3), Disagree (2), Strongly disagree (1)
Placeholder: PlaceholderQ4 Question ID: AAD-375-CLO-04	Question: Integrate industry standard image editing software into the 3D production process to assist modelling, produce model textures and refine visual results. Scale: Strongly agree (5), Agree (4), Neutral (3), Disagree (2), Strongly disagree (1)

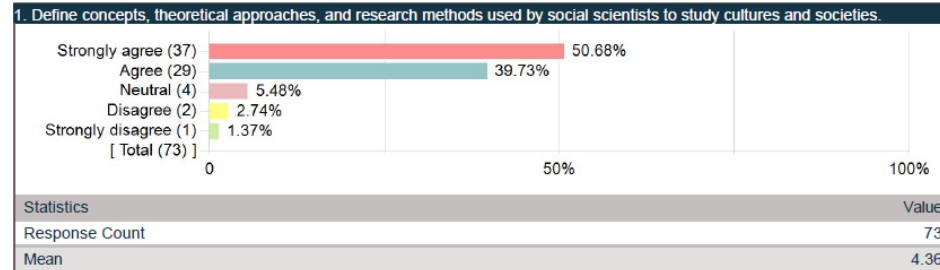
Below the table, there are three course entries with their respective question counts:

- COURSE - AAH322 | Questions Mapped: 5
- COURSE - ACC202 | Questions Mapped: 6
- COURSE - ACC203 | Questions Mapped: 5

The interface also includes a sidebar with navigation options like Home, Dashboards, Projects, Reports, Question Bank, User Mgmt, and Help. The bottom of the page shows the 'blue' logo and the text 'Technology powered by blue'.

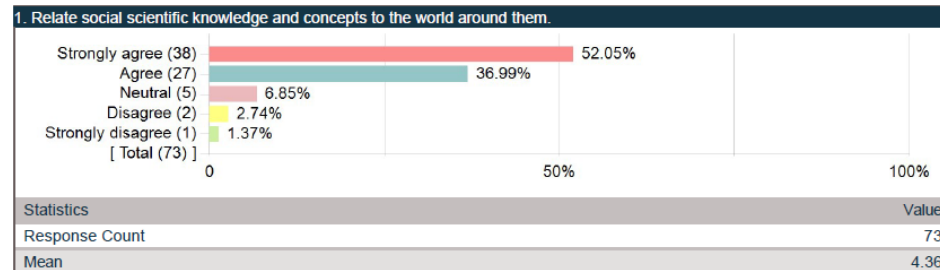
# Reports – CLO Level

## Define concepts, theoretical approaches, and research methods used by social scientists to study cultures and societies.



Name	Mean	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	Resp
Intro to Culture & Society(ANT-261-001)	4.43	3	4	0	0	0	7
Intro to Culture & Society(ANT-261-003)	4.60	6	4	0	0	0	10
Intro to Culture & Society(ANT-261-004)	4.40	2	3	0	0	0	5
Intro to Culture & Society(ANT-261-501)	4.00	6	9	1	1	1	18
Intro to Culture & Society(ANT-261-502)	4.22	5	2	1	1	0	9
Intro to Culture & Society(ANT-261-503)	4.50	5	2	1	0	0	8
Intro to Culture & Society(ANT-261-504)	4.89	8	1	0	0	0	9
Intro to Culture & Society(ANT-261-901)	4.14	2	4	1	0	0	7

## Relate social scientific knowledge and concepts to the world around them.

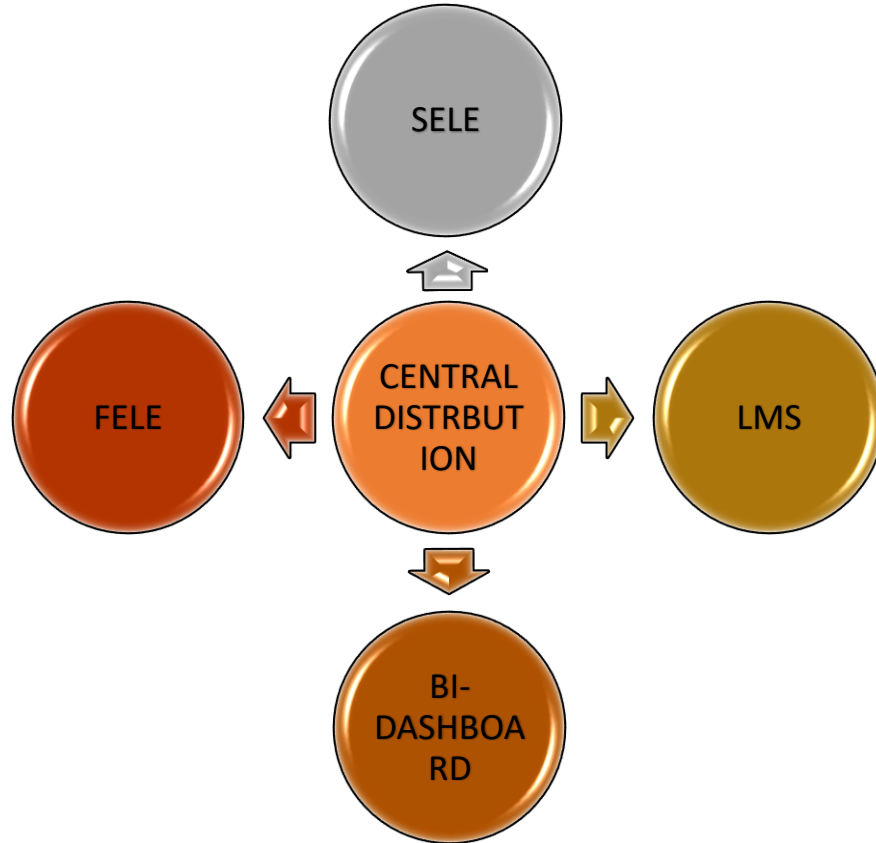


Name	Mean	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	Resp
Intro to Culture & Society(ANT-261-001)	4.43	3	4	0	0	0	7
Intro to Culture & Society(ANT-261-003)	4.70	7	3	0	0	0	10

# Learning Management System Integration

- Blackboard used to distribute Reports
- Links created to help Faculty track response rates per section
- Integration with LMS content management System to automatically distribute Section reports

# Distribution Model



# Distribution Model - LMS

The screenshot shows the LMS dashboard with a navigation bar at the top containing 'My Institution', 'Courses', 'Community', 'Content Collection', 'Services', 'Careers Focus', 'Media Stream', and 'SETS'. Below this is a secondary navigation bar with 'My Institution', 'Notifications Dashboard', and 'Applications'. A red box highlights 'My Institution' in the top navigation bar, and a red arrow points from it down to a 'Response Rates' section in the main dashboard area. The dashboard includes sections for 'Tools', 'My Announcements', 'My Courses', and 'My Organizations'. The 'Response Rates' section is highlighted with a red box.

This section provides a detailed view of the 'Response Rates' and 'Report Viewing' features. The 'Response Rates' section is titled 'Response Rate Monitoring and Management of the evaluation.' and includes a message: 'Dear Faculty, Please click on your course below to find out the response rate for your class. Please click on response rate once you have clicked on the course.' Below this is a search bar with 'Search Courses' and 'Search Button' buttons, and a 'Number of Items (3)' indicator. A table lists three courses:

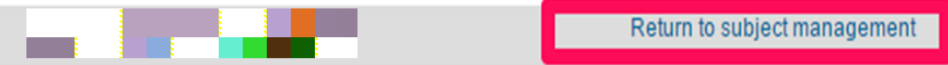
Name	Projects
<a href="#">Emirates Studies(COL-255-014)</a>	SELE - Students Course Evaluation - UG C
<a href="#">New Trends in Criminal Law(JUD-603-01)</a>	SELE - Students Course Evaluation - Grad
<a href="#">Research Project(JUD-650-02)</a>	SELE - Students Course Evaluation - Grad

The 'Report Viewing' section is titled 'Report Viewing' and includes a section for 'Available reports' with a '[+] Description' link. Below this is a search bar and a 'Number of Items (1)' indicator. A table lists one report:

Description
<a href="#">Individual Instructor Report-Summer 2016</a>

# Distribution Model - LMS

▼ **Response Rates**




[Return to subject management](#)

Response rate: 0%  Refresh

[-] Stop or Start your course evaluation


Dear Faculty, Please click on your course below to find out the response rate for your class. P update the response rate once you have clicked on the course.

Status	Opted in	Secondary	
Method	Online		
Schedule	Automatic	Start Date	2016/11/27
		End Date	2016/12/07


▼ **Report Viewing**

Available reports

[-] Description

Dear | ,  
Please find below a list of your reports.

Number of Items (1)

Description
<a href="#">Individual Instructor Report-Summer 2016</a> 




# Distribution Model - LMS

▼ Evaluation Fill Out

Fill your Evaluations Now

[+] Description

[-] Filters 

Description: All  Status

End date: All

Items per page: 20

↑ Description

Law and Society

New Trends in Civil Law

▼ Evaluation Fill Out

Fill your Evaluations Now

[+] Description

[+] Filters 

↑ Description

Law and Society(JUD-601-01)


[New Trends in Civil Law\(JUD-602-01\)](#)

My Institution Courses Community Services Careers Focus SETS

Course Evaluation

Fill your Evaluations Now

[+] Description

[+] Filters  Number of Items (3) << < 1 / 1 >> >>

↑ Description	End date	Status
Law and Society(JUD-601-01)	2016/10/20	Completed
<a href="#">New Trends in Criminal Law(JUD-603-01)</a>	2016/10/20	Open

# Report Distribution Model - LMS

**Institution Content: Student Course Evaluations** ▾

Upload ▾ Create Folder Build ▾ Link

Bookmark Items Email Items Download Package Copy Move Recycle

<input type="checkbox"/>	File Type	Name	Edited
<input type="checkbox"/>	Folder	CLOs ▾	May 28, 2019 1:01:32 PM
<input type="checkbox"/>	Folder	College ▾	May 28, 2019 1:01:32 PM
<input type="checkbox"/>	Folder	Concentration ▾	May 28, 2019 1:01:33 PM
<input type="checkbox"/>	Folder	Course ▾	May 28, 2019 1:01:48 PM
<input type="checkbox"/>	Folder	Program ▾	May 28, 2019 1:01:49 PM
<input type="checkbox"/>	Folder	Section ▾	May 28, 2019 1:03:08 PM

Bookmark Items Email Items Download Package Copy Move Recycle

# Report Distribution Model - LMS

Content Collection institution > Survey > Education > SPRING 2019 > Faculty Course Evaluations

## Institution Content: Faculty Course Evaluations

Upload Create Folder Build Link

Bookmark Items Email Items Download Package Copy Move Recycle

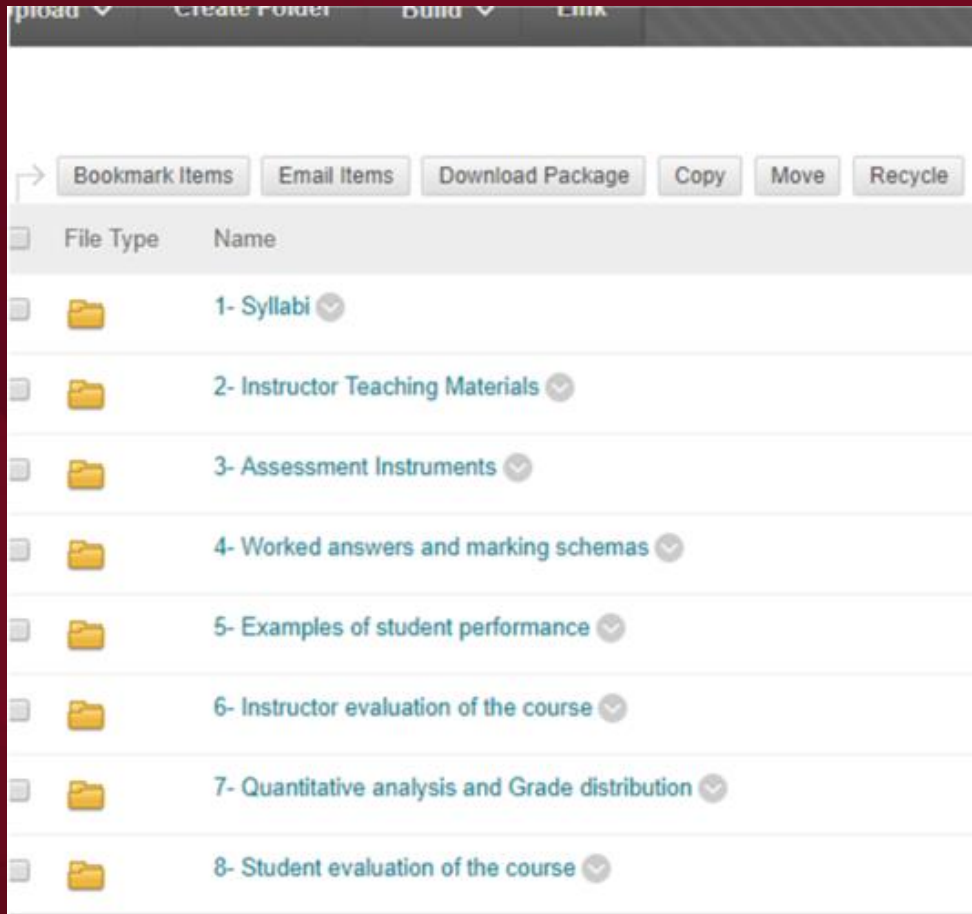
File Type	Name	Edited
Folder	College	Jun 10, 2019 1:21:36 PM
Folder	Concentration	Jun 10, 2019 1:21:36 PM
Folder	Course	Jun 10, 2019 1:21:38 PM
Folder	Program	Jun 10, 2019 1:21:38 PM
Folder	Section	Jun 10, 2019 1:21:46 PM

Bookmark Items Email Items Download Package Copy Move Recycle

Content Collection

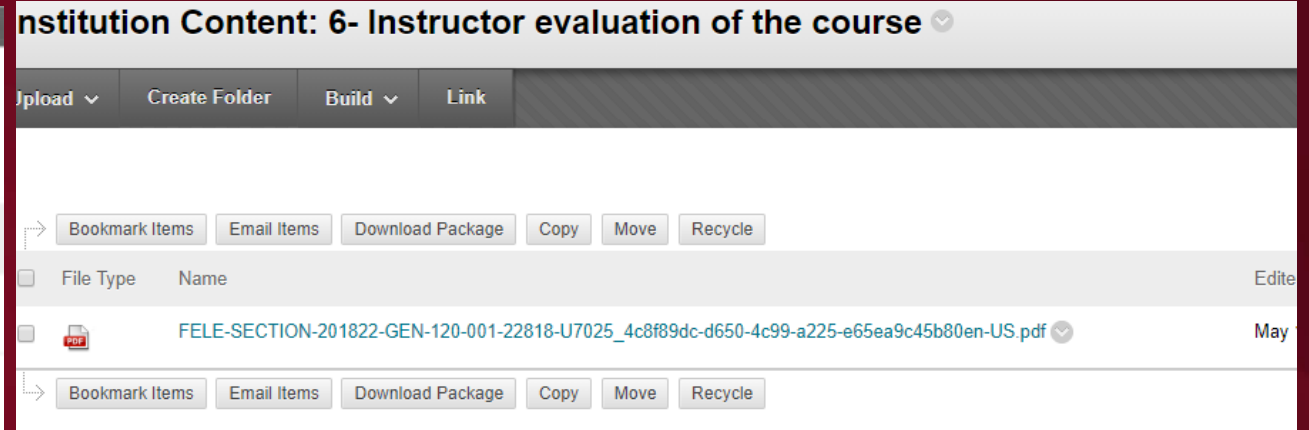
- Content Collection
  - Course Content
  - Organization Content
  - Institution Content
  - Library Content
  - Bookmarks
- Jump To...
  - Collaboration
  - Tools
- Search Content
  - Basic Search
  - Advanced Search
  - Saved Searches

# Report Distribution Model – Course Files



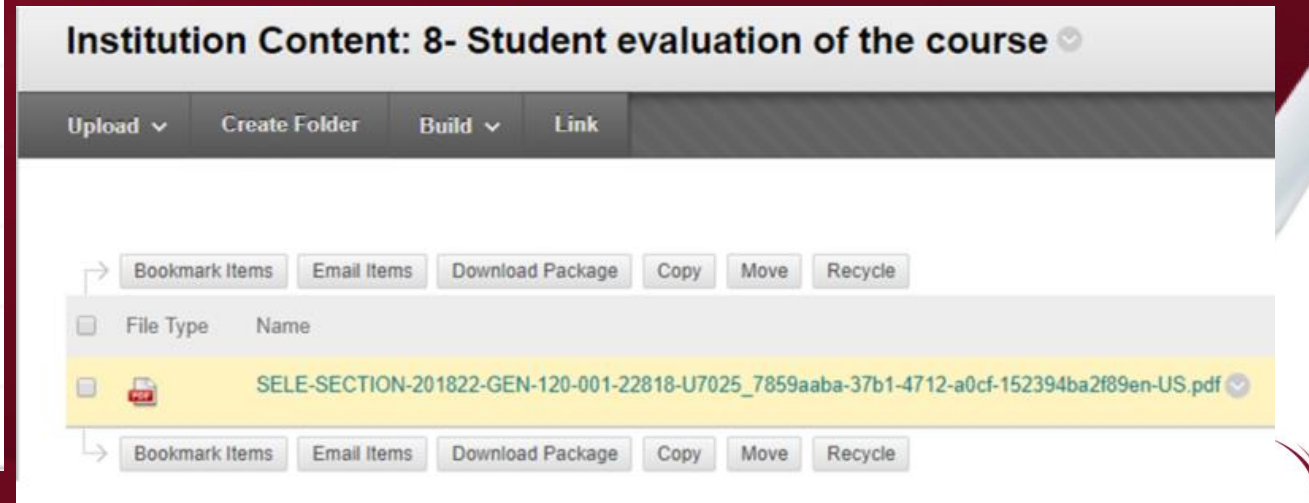
This screenshot shows a file management interface with a toolbar at the top containing 'Upload', 'Create Folder', 'Build', and 'Link'. Below the toolbar is a row of action buttons: 'Bookmark Items', 'Email Items', 'Download Package', 'Copy', 'Move', and 'Recycle'. The main area displays a list of folders with columns for 'File Type' and 'Name'. The folders listed are:

- 1- Syllabi
- 2- Instructor Teaching Materials
- 3- Assessment Instruments
- 4- Worked answers and marking schemas
- 5- Examples of student performance
- 6- Instructor evaluation of the course
- 7- Quantitative analysis and Grade distribution
- 8- Student evaluation of the course



This screenshot shows the '6- Instructor evaluation of the course' folder. The toolbar and action buttons are identical to the previous screenshot. The file list contains one PDF file:

File Type	Name	Edited
PDF	FELE-SECTION-201822-GEN-120-001-22818-U7025_4c8f89dc-d650-4c99-a225-e65ea9c45b80en-US.pdf	May



This screenshot shows the '8- Student evaluation of the course' folder. The toolbar and action buttons are identical to the previous screenshots. The file list contains one PDF file, which is highlighted in yellow:

File Type	Name
PDF	SELE-SECTION-201822-GEN-120-001-22818-U7025_7859aaba-37b1-4712-a0cf-152394ba2f89en-US.pdf

# Integration - BI

- Get Data from Blue into DataWarehouse
- Use the Blue Web Services to get Data
- Parse CSV files
- Normalize the data
- Aggregate to the lowest level of hierarchy in reporting
- Push it to RDBMS
- Normalize it further so we could report in Dashboards

# Dashboard – Integrating Blue with BI

- Filters available to view the required reports

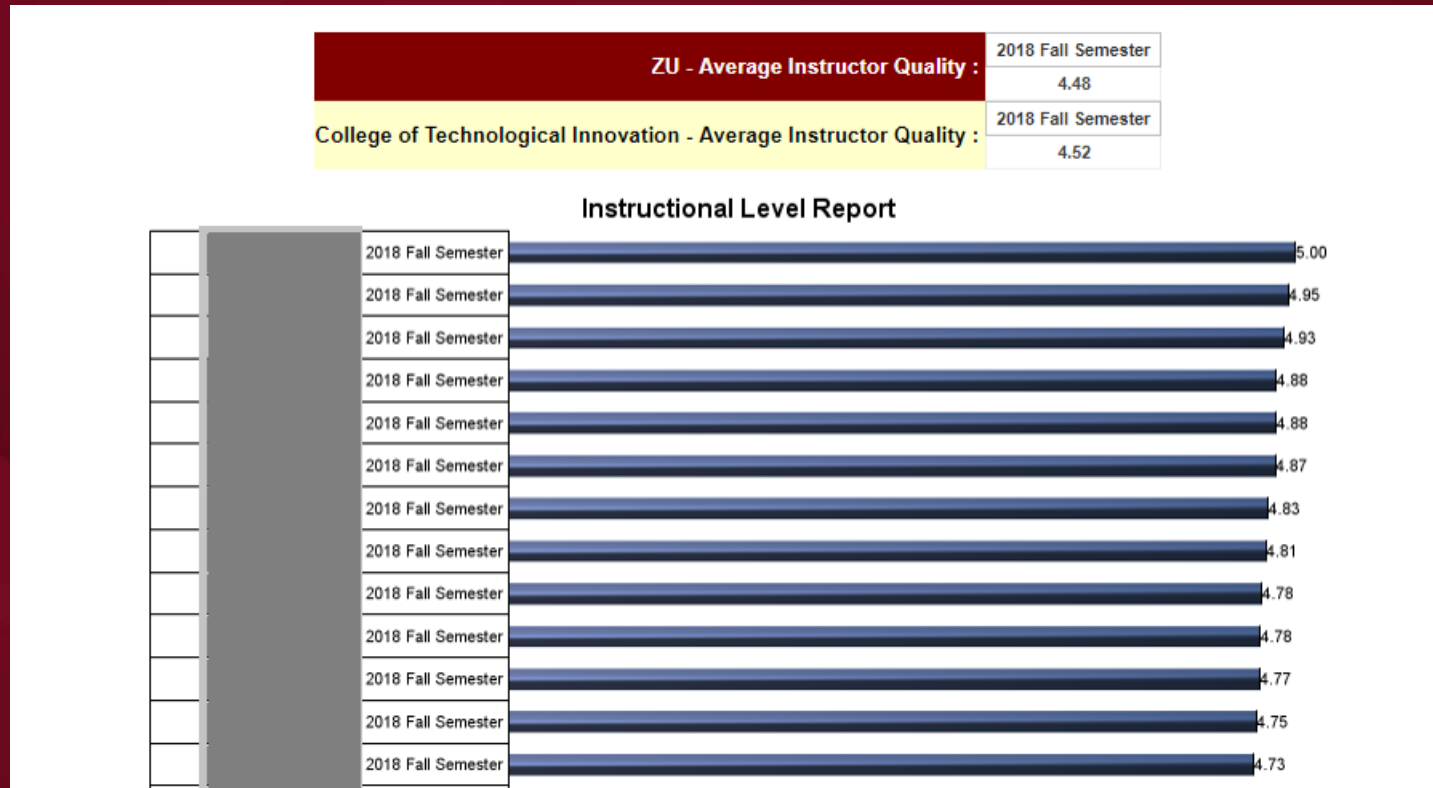
**Instructor Teaching Evaluation Report**

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<b>Select College :</b>	<input type="text" value="College of Technological Innovation"/> <small>(Please select the college and leave instructor(s) selection blank to view evaluation report for all faculty in the college)</small>
<b>Select Term :</b>	<input type="checkbox"/> 2016 Fall Semester <input type="checkbox"/> 2017 Spring Semester <input type="checkbox"/> 2017 Summer Semester <input type="checkbox"/> 2017 Fall Semester <input type="checkbox"/> 2018 Spring Semester <input type="checkbox"/> 2018 Summer Semester <input checked="" type="checkbox"/> 2018 Fall Semester <input type="checkbox"/> 2019 Spring Semester <a href="#">Select all</a> <a href="#">Deselect all</a>
<small>Please select instructor(s) below only if you want to see the evaluation report for specific instructors</small>	
<b>Select Instructor(s) :</b>	<b>Keywords:</b> <small>Type one or more keywords separated by spaces.</small> <input type="text"/> <input type="button" value="Search"/> <input type="button" value="Options"/> <b>Results:</b> <input type="text"/> <input type="button" value="Insert"/> <input type="button" value="Remove"/> <b>Choice:</b> <input type="text"/> <a href="#">Select all</a> <a href="#">Deselect all</a> <span style="float: right;"><a href="#">Select all</a> <a href="#">Deselect all</a></span>
<input type="button" value="Run"/>	

# Dashboard – Integrating Blue with BI

- Instructor Teaching Evaluation Report( based on SELE)



# Dashboard – Integrating Blue with BI

## Instructor Teaching Vs Course/Section Quality Comparative Analysis

**Instructor Teaching Vs Course/Section Quality Comparative Analysis**

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College : \* College of Education

Term :

- 2016 Fall Semester
- 2017 Summer Semester
- 2019 Spring Semester
- 2017 Fall Semester
- 2018 Spring Semester
- 2018 Summer Semester
- 2018 Fall Semester
- 2017 Spring Semester

[Select all](#) [Deselect all](#)

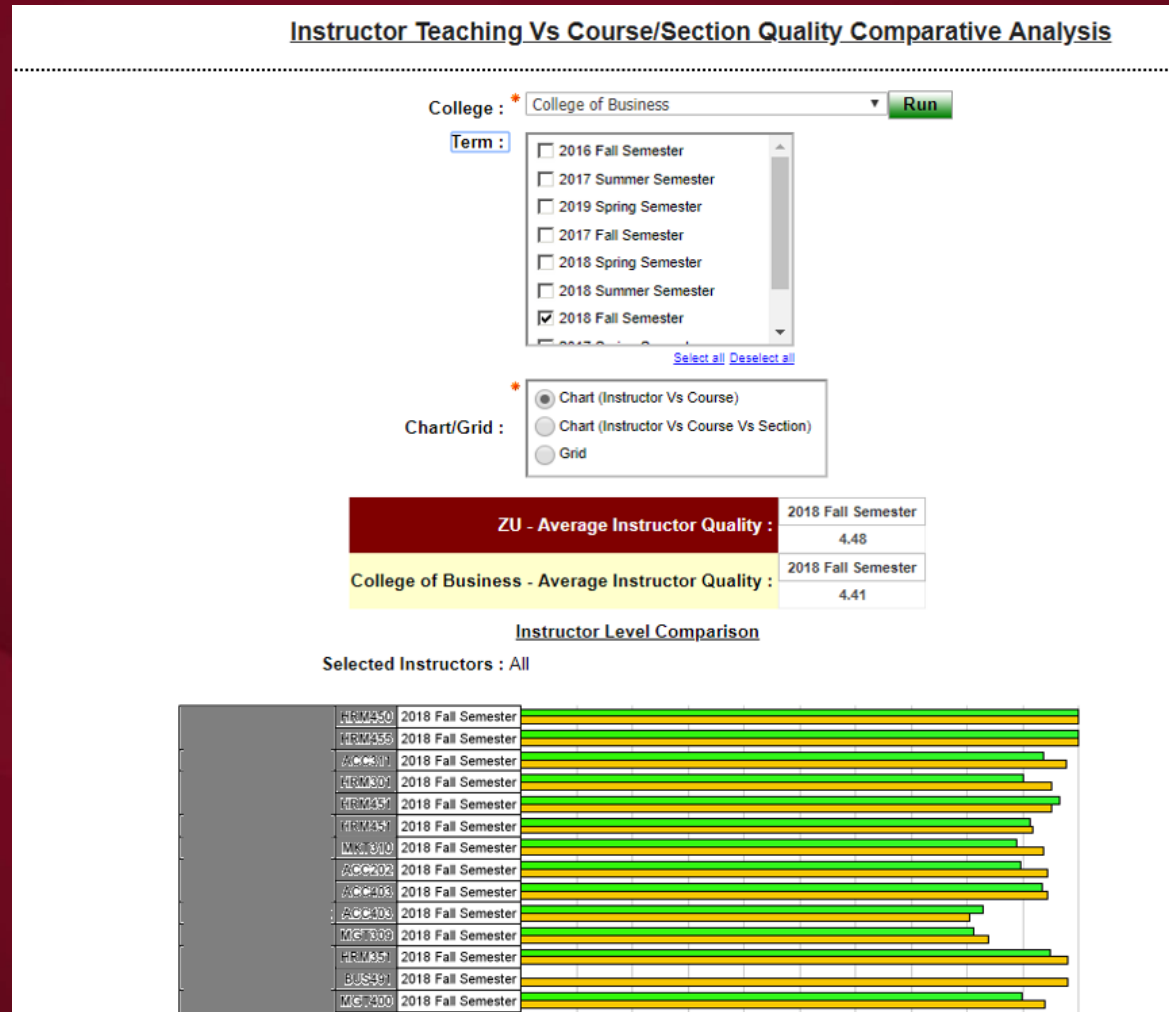
Chart/Grid : \*

- Chart (Instructor Vs Course)
- Chart (Instructor Vs Course Vs Section)
- Grid



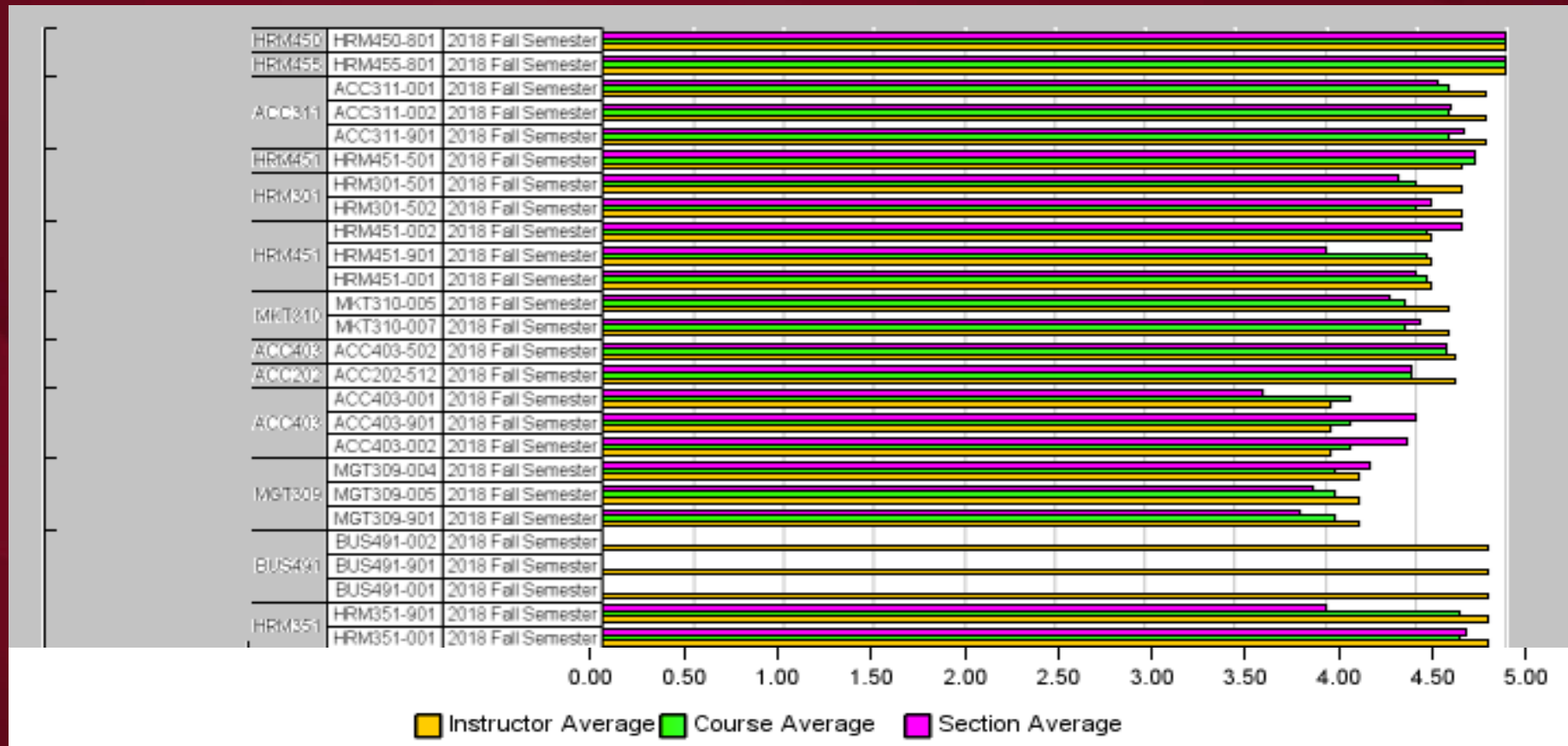
# Dashboard – Integrating Blue with BI

Instructor Teaching Vs Course/Section Quality Comparative Analysis( based on SELE)



# Dashboard – Integrating Blue with BI

Instructor Teaching Vs Course/Section Quality Comparative Analysis( based on SELE)



# Dashboard – Integrating Blue with BI

GRID - Instructor Teaching Vs Course/Section Quality Comparative Analysis( based on SELE)

Instructor Name	Term Description	Overall Instructor Average	Course	Course Quality Average	Section	Section Quality Average
Afaf Al Bataineh	2018 Fall Semester	4.24	ARA211	4.78	ARA211-501	4.78
			ARA235	4.09	ARA235-501	4.35
					ARA235-502	3.87
			GEN130	3.95	GEN130-520	3.95
Ahlam Al Zehhawi	2018 Fall Semester	4.20	GEN130	4.04	GEN130-008	4.55
					GEN130-009	4.00
					GEN130-018	4.00
					GEN130-019	3.69
					GEN130-908	4.12
Ahmad Aljanadbah	2018 Fall Semester	4.68	ARA320	4.21	ARA320-001	4.21
			ARA360	4.67	ARA360-002	4.67
			GEN130	4.62	GEN130-903	4.55
					GEN130-906	4.73
Al-Faris Ali	2018 Fall Semester	3.59	ARA355	3.56	ARA355-001	3.67
					ARA355-002	3.43
			GEN130	3.68	GEN130-006	4.19
					GEN130-013	4.09

# Reports – Dashboard (Instructor Teaching Evaluation Report)

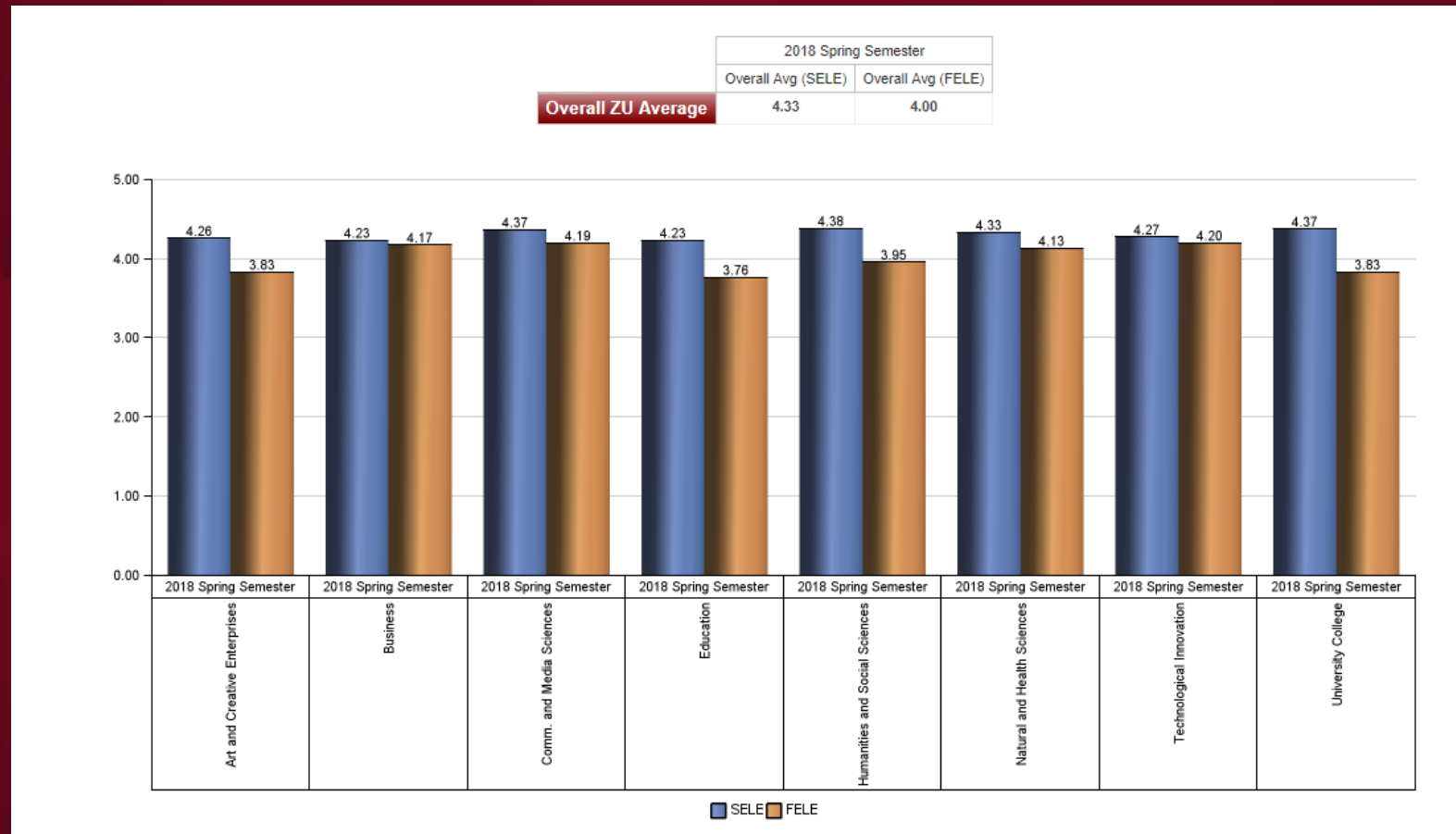
<b>ZU - Average Instructor Quality :</b>	2017 Spring Semester
	4.44
<b>College of Business - Average Instructor Quality :</b>	2017 Spring Semester
	4.32

## Instructor Level Report

Salwa Alnuaimi	2017 Spring Semester	5.00
Talba Hussain	2017 Spring Semester	4.88
Peter Davidson	2017 Spring Semester	4.86
Aristeidis Samitas	2017 Spring Semester	4.86
Ghulame Rubbanly	2017 Spring Semester	4.84
Afra Ahmad	2017 Spring Semester	4.82
Mariam AlZaabi	2017 Spring Semester	4.80
Themistoclis Pantos	2017 Spring Semester	4.76
Amal El Sawad	2017 Spring Semester	4.74

# Reports – Dashboard (Student & Faculty Evaluation Summary - College Level)

Based on SELE and FELE data

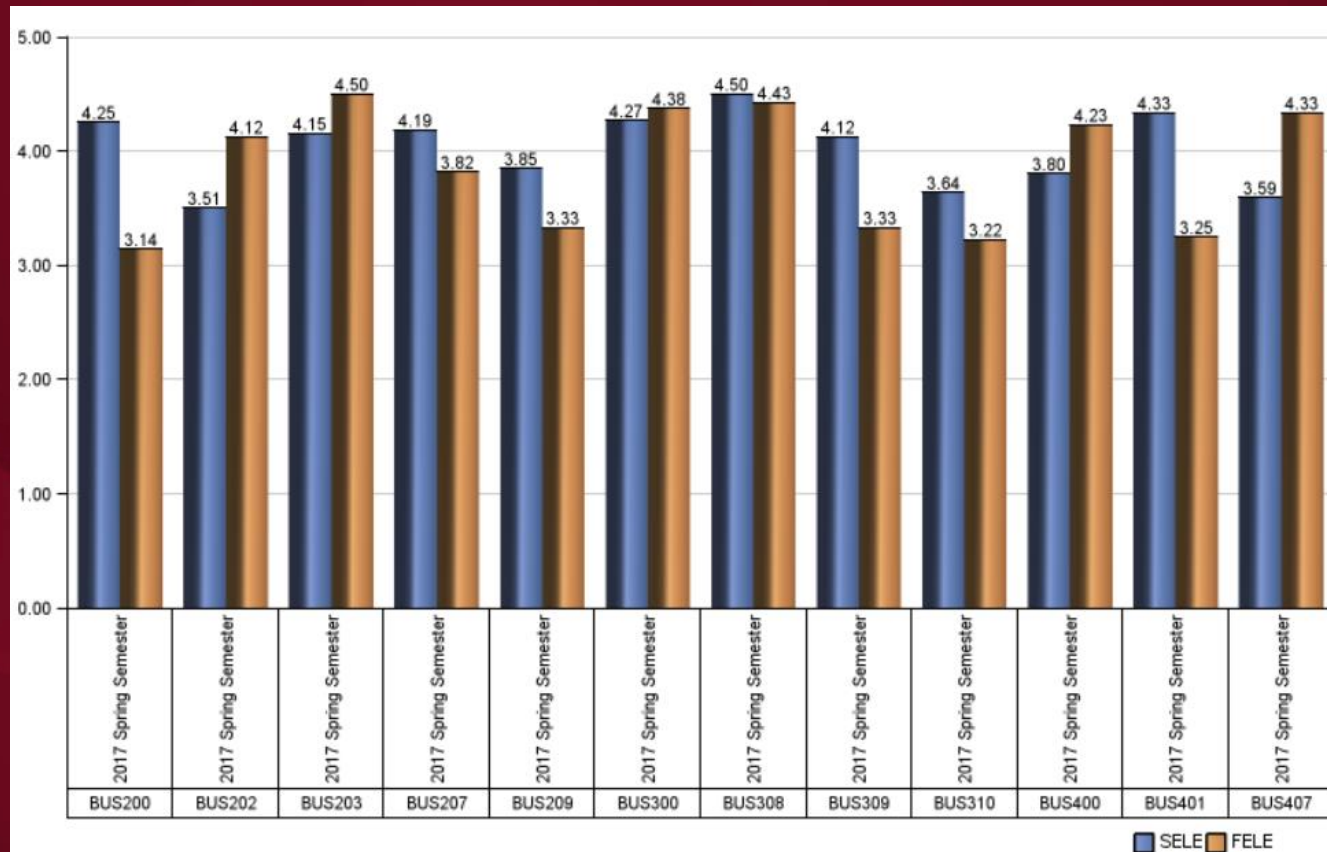


# Reports – Dashboard (Student & Faculty Evaluation Summary - Program Level)

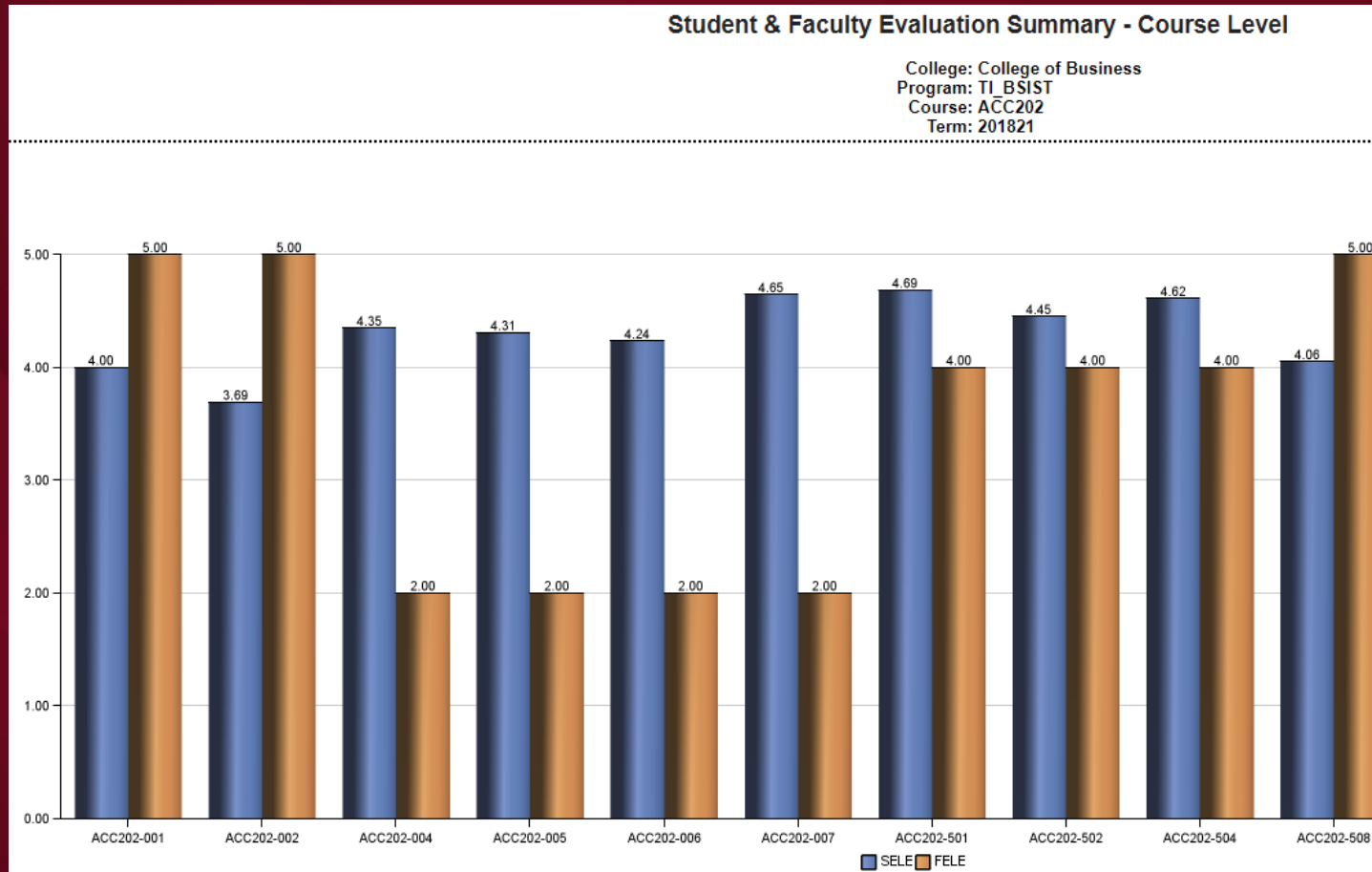
Based on SELE and FELE data



# Reports – Dashboard (Student & Faculty Evaluation Summary - Course Level)

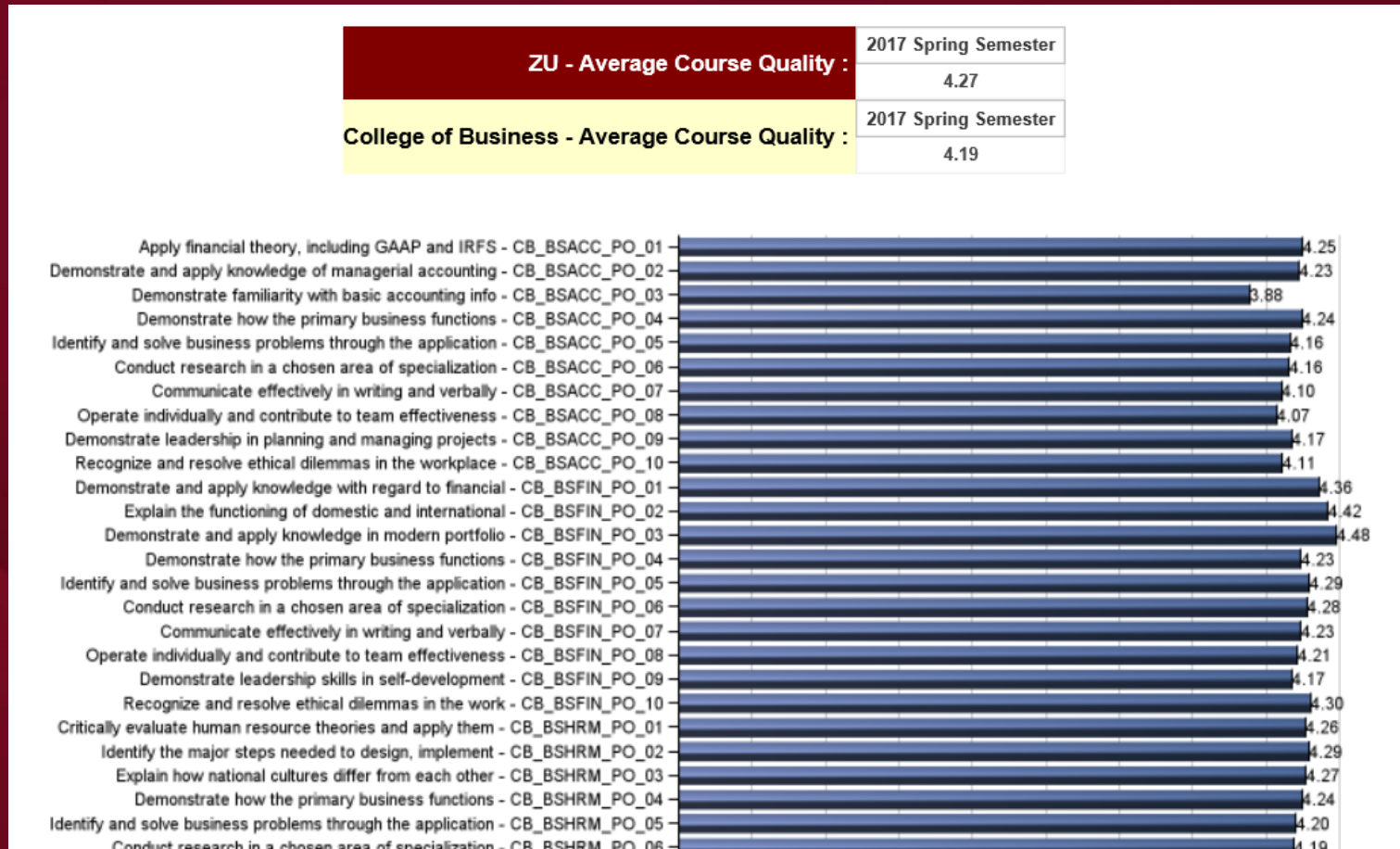


# Reports – Dashboard (Student & Faculty Evaluation Summary - Section Level)



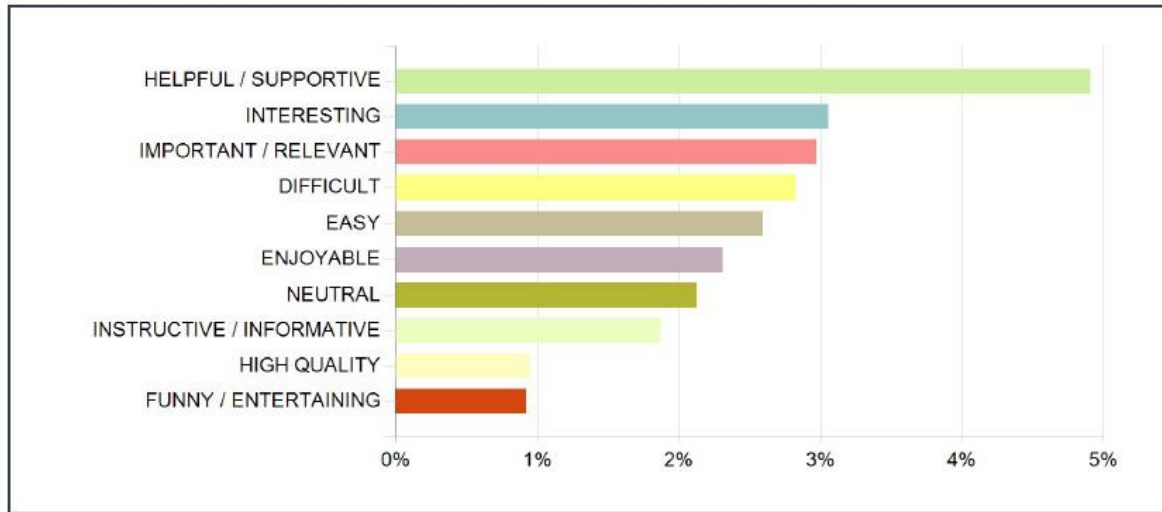


# Dashboard – Integrating Blue with BI- PLO

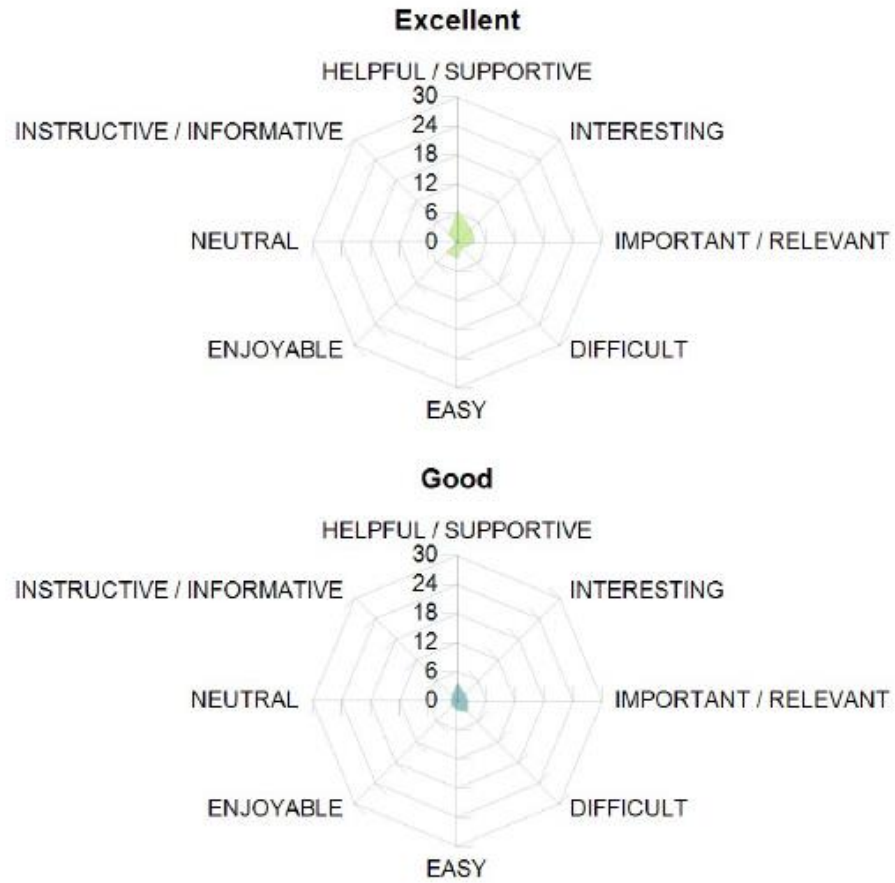


# Text Analytics

Theme Frequency for: "Please comment on the overall quality of the course:"



# Text Analytics



Thank You