



جامعة بيروت العربية  
BEIRUT ARAB UNIVERSITY

## **Blue Implementation experience at Beirut Arab University, Course, Module and Institutional Evaluation**

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**Presentation:** Blue experience at BAU  
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Dean of Student Affairs  
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# Blue experience at BAU

## OUTLINE

- About Beirut Arab University BAU
- Quality Assurance at BAU
- History of course evaluation at BAU
- Collaboration between BAU and Blue explorance
- Pilot Study
- Course Evaluations
- Special Party Needs
- Reports
- Future Plans

## About BAU

### History & Background

- Lebanese private institution for higher education.
- Founded in 1960.
- Accredited by the Foundation for International Business Administration Accreditation FIBAA.
- One of the oldest and largest Universities in Lebanon.

### Facts

- 4 Campuses & 10 Faculties
- 48 Undergraduate Programs
- 95 Graduate Programs
- Over 9500 students
- Over 113,000 alumni worldwide



# BAU Campuses

**Beirut  
(1960)**



**Debbieh  
(2006)**



**Tripoli  
(2010)**



**Bekaa  
(2009)**





# Beirut Campus



**1- Faculty of Human Sciences**

**2- Faculty of Law & Political Sciences**

**3- Faculty of Business Administration**

**4- Faculty of Pharmacy**

**5- Faculty of Medicine**

**6- Faculty of Dentistry**

**7- Faculty of Health Sciences**

## Debbieh Campus



- 1- Faculty of Architecture-*Design and Built Environment*
- 2- Faculty of Engineering
- 3- Faculty of Science
- 4- Faculty of Business Administration



# Tripoli Campus



- 1- Faculty of Architecture-*Design and Built Environment***
- 2- Faculty of Engineering**
- 3- Faculty of Business Administration**
- 4- Faculty of Science**
- 5- Faculty of Health Sciences**



## Bekaa Campus



- The Research Center for Environment & Development
- The Alumni Club

# Blue experience at BAU

## Quality Assurance

Quality assurance is well established since 2007 and most programs are also internationally accredited, where course and module evaluation is one of the main tools.



Faculty	Programme	Accreditation Body
Human Sciences (2017)	Bachelor of Arts in Psychology	Accreditation Agency in Health and Social Science (AHPGS) - Germany
Law & Political Science (2016)	0 Bachelor of Law 0 Master of Law 0 PhD of Law	Foundation for International Business Administration Accreditation (FIBAA) - Germany
Business Administration (Campuses Beirut, Tripoli, Debbieh) (2015)	0 Bachelor of Business Administration 0 Master of Business Administration	Foundation for International Business Administration Accreditation (FIBAA) - Germany
	Bachelor of Accounting	Association of Chartered Certified Accountants - United Kingdom
Architecture - Design and Built Environment ( 2012)	0 Bachelor of Architectural Engineering (RIBA Part 1) 0 Master of Architectural Engineering (RIBA Part 2)	Royal Institute of British Architects (RIBA) - England
	Bachelor of Communications & Electronics Engineering (B.Eng.)	Accreditation Board For Engineering and Technology (ABET) - USA
Science (2013)	Bachelor of Computer Science (BS)	Accreditation Board For Engineering and Technology (ABET) - USA
Pharmacy (2015)	Bachelor of Pharmacy	The Canadian Council for Accreditation of Pharmacy Programs (CCAPP) - Canada
Medicine (in progress)	Bachelor of Medicine	World Federation for Medical Education (WFME) - England
Dentistry ( 2014)	Bachelor of Dentistry	Association for Dental Education in Europe (ADEE) - Ireland
Health Sciences (2016)	Bachelor of Physical Therapy	World Confederation for Physical Therapy (WCPT) - England
Health Sciences (2017)	0 Bachelor of Nursing 0 Bachelor of Nutrition and Dietetics 0 Bachelor of Medical Laboratory Technology	Accreditation Agency in Health and Social Science (AHPGS) - Germany

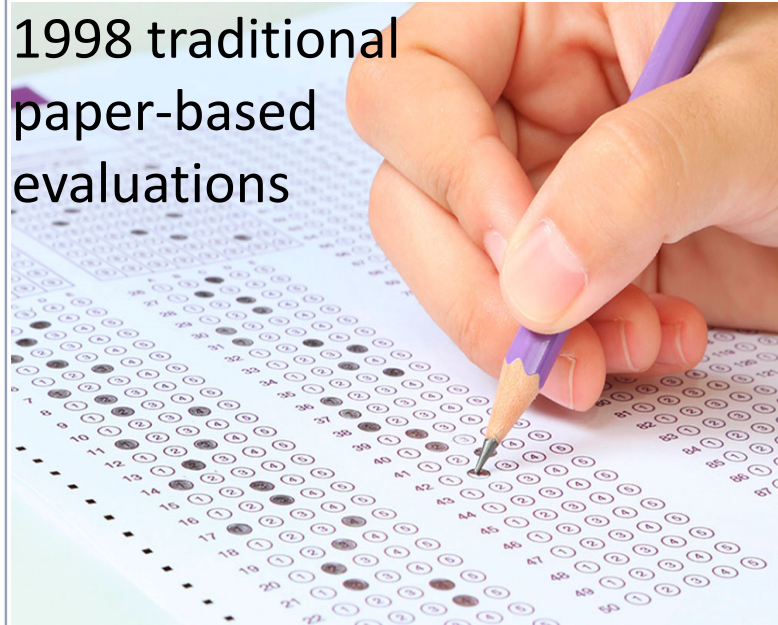


## Course Evaluation Objectives

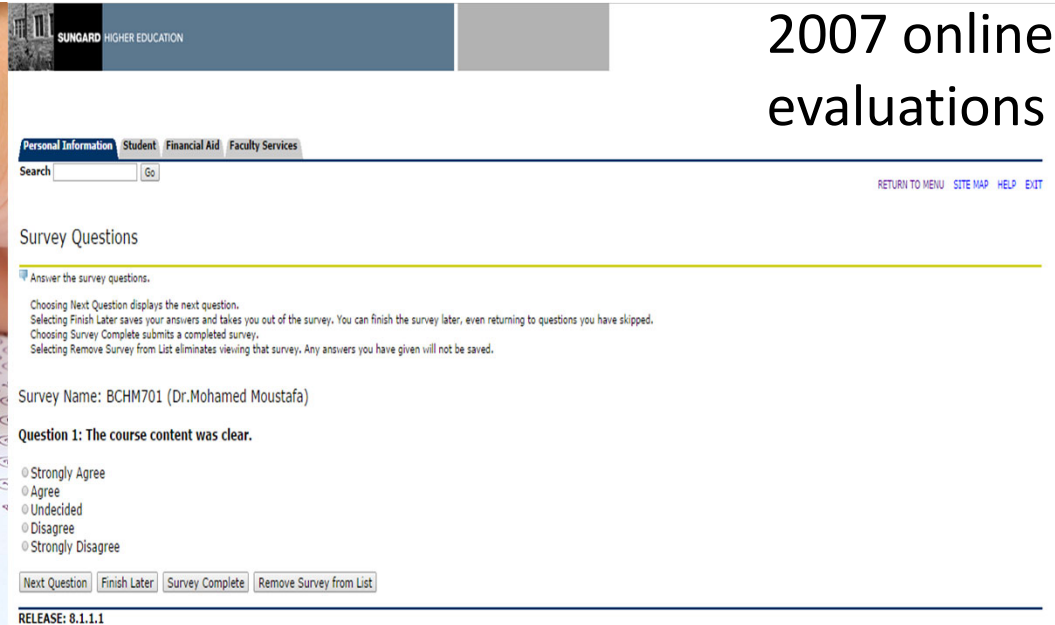
- Using course evaluation as a basic tool for accreditation
- Assessing Teaching and Learning Process
- Updating courses contents
- Assessing academic staff performance
- Helping in student retention

## Transformation

1998 traditional paper-based evaluations



2007 online evaluations



### BAU Course Evaluations - Faculty of Medicine Fall 2018-2019 for CARD205-Cardiovascular System-10894-section:1-course

You are evaluating: **CARD205(CRN:10894-SECTION NUMBER:1)**

#### Course Questions

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
The "Students' Guide" to the module was useful.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The module content was consistent with the module objectives.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The module is well organized and met my expectations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The learning workload of the module was reasonable.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I gained much experience through group learning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The classrooms, labs and other learning facilities were adequate and well equipped.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The assessment appropriately covered the module objectives.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The clinical practice sessions were clear and interesting.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The books and references necessary for the course were adequate and up-to-date.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

#### Comments?

2017 course evaluation software (Blue)

## Advantages of Blue

### paper-based evaluations

- Coverage of 33% of courses
- Over 6 weeks of work to prepare and collect data
- High paper and ink costs
- Form available in one language

### Banner Course Evaluations

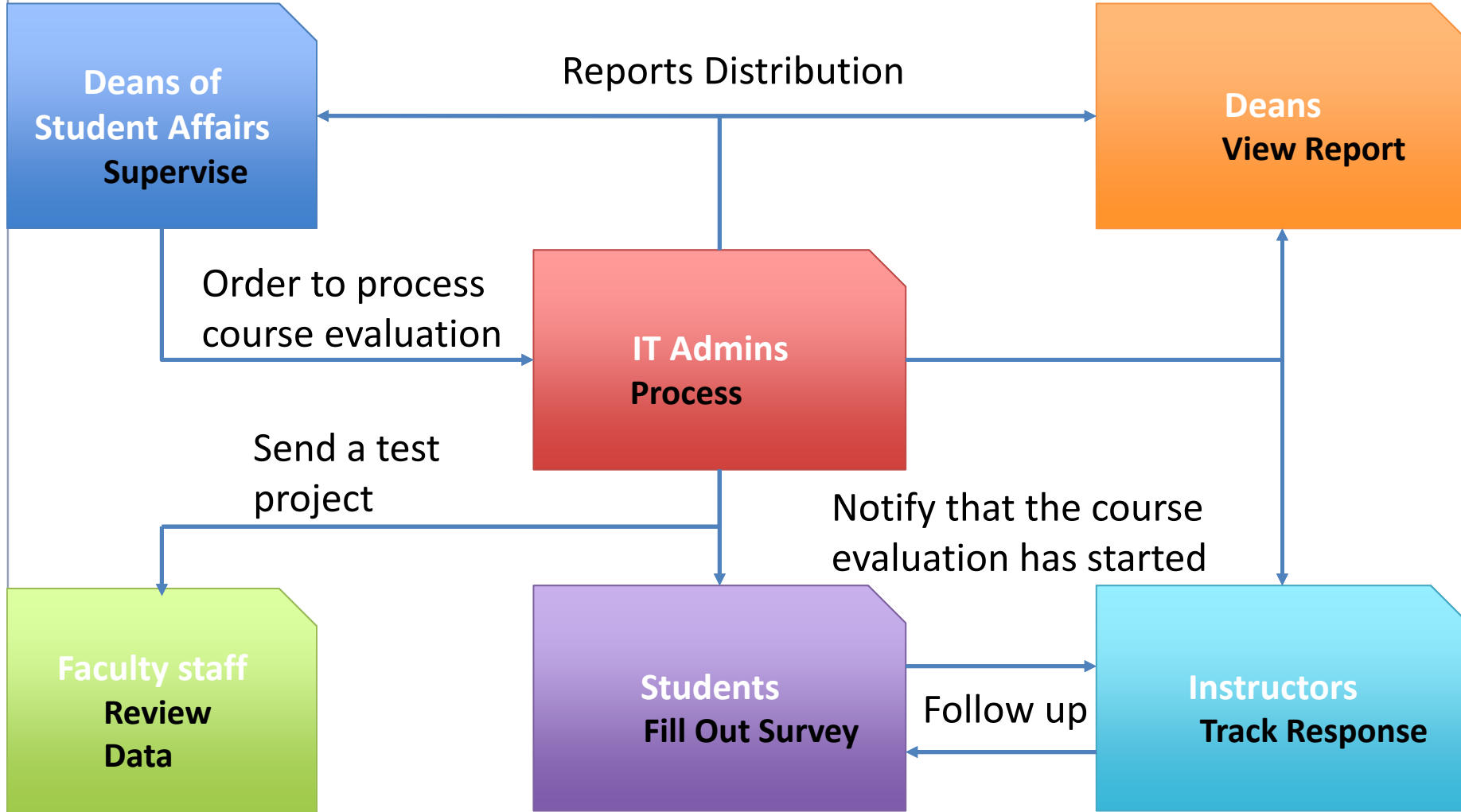
- Fixed fill out form
- Low response rate
- Poor comparison of results
- Absence of Response monitoring

### Blue Course Evaluations

- Coverage of 95% of courses
- High response rate
- No manual work
- Zero paper and ink costs
- Form available in Arabic and English language
- Triggers are available for unique questions
- Response monitoring



# BAU Course Evaluation Process



## Pilot Study

- BAU started a pilot study in spring 2017 using Blue tools
- Deep discussion was made with Blue experts
- System was configured by proposing solutions to all existing problems
- Students will have to answer all the questions including their comments before submitting their answers.

## Awareness Campaign

- An awareness campaign was done before starting the process by explaining the main reasons and all the steps and procedures.
- Deans, chairpersons, academic and relevant non-academic staff members were involved to get a good response rates
- Repeated reminders were sent to students and a coordination on a daily basis was in place to follow up the response rate.



## Special Party Needs

On the other hand, the faculty of **medicine** has a modules program instead of courses program, where many instructors teach the same module in addition to lab and clinical instructors in different hospitals, **and each module has its own coordinator**, so we divided them into three categories: MED123, MED456 & Clerkships

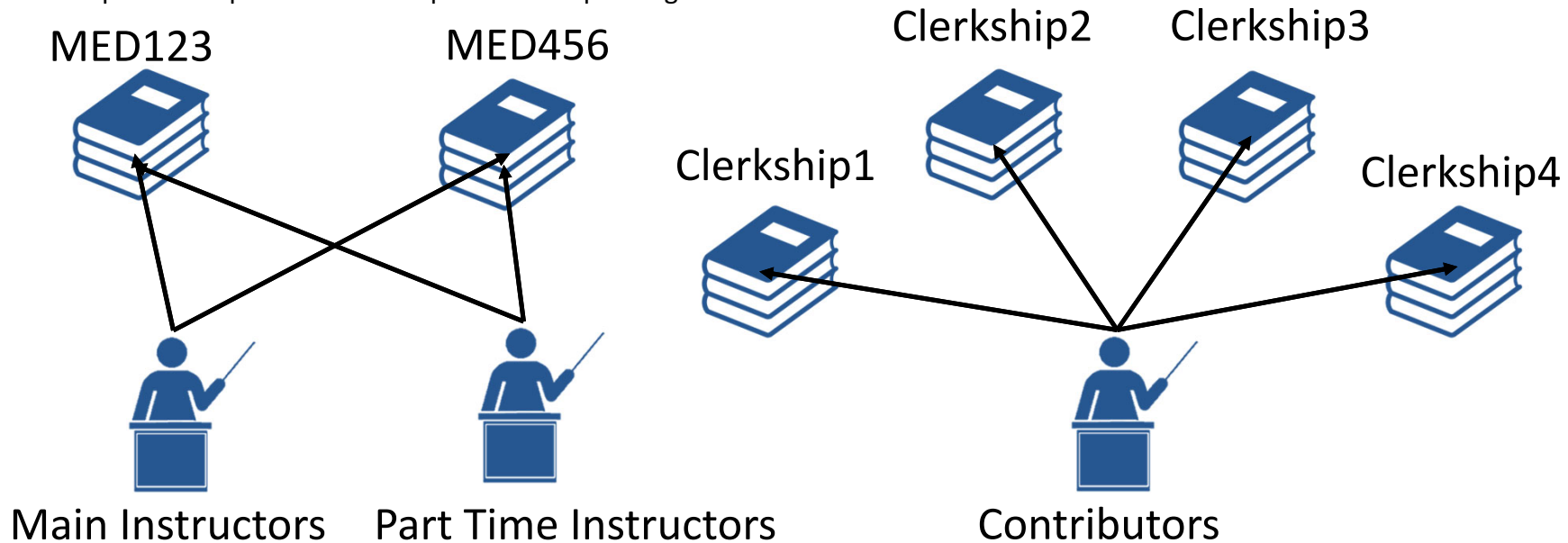
MED123 is the course questions for junior students and it has full time instructors and part time instructors

MED456 is the course question for senior students and it has full time instructors and contributors

Clerkships is the hospital questions for senior students and some questions are divided in two or more rotation dates

A course slice down has been done to include the data of the clerkships, hospitals & rotation dates

which requested a special and a complicated setup configuration.



## Projects made in Blue System

- BAU Course Evaluation
- Medicine Course Evaluation
- **Medicine Exit Survey**
- First year students questionnaire
- Student Services Satisfaction survey
- Stakeholders and Alumni Survey
- Strategy Surveys
  - Academic Staff Satisfaction
  - International Relations
  - Teaching and Learning
  - Research Effectiveness
- We Learn Inter-professional (IPE) Evaluation

## Preparing Data

- Data is exported from banner using SQL developer and imported to blue as **Data Sources**.
- Relationship is identified between deans, Instructors, Faculty staff, Stakeholders, Alumni's, Students and Courses
- Part of medicine data are supplied by the faculty since the concerned data is not available on the system like hospitals, doctors, clerkships and rotation dates.

## Testing Cycle and Notifications

- **Testing Cycle:** A test project is created and a link is sent to the faculties to check if all the data are correct before publishing the real project.
- **Notifications:** An email and 2 reminders are sent for every student to fill the course evaluation, each instructor will receive an email to view his courses response rate. Also deans will receive 2 emails first email to view the dash board and the second email to view the report when the project is expired.

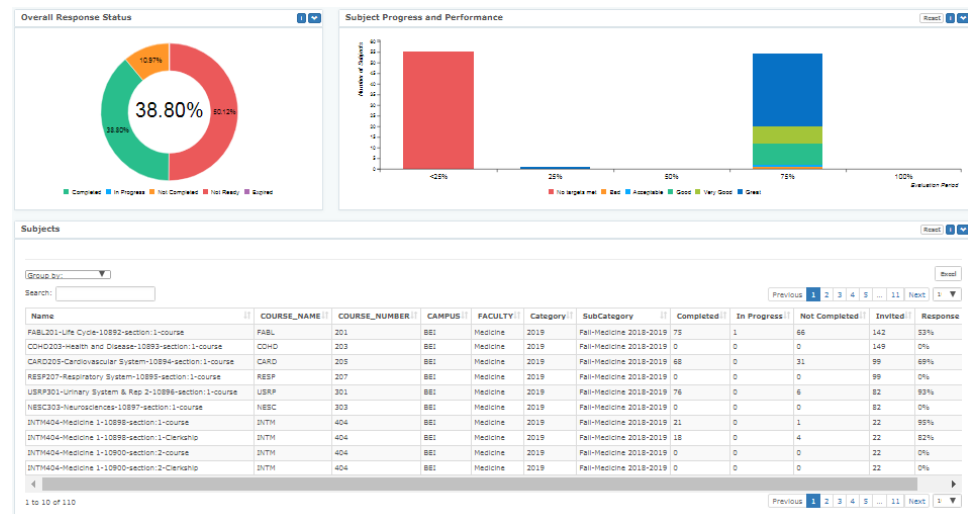
## Supporting

- A live support is always ready to accept any request by instructors, faculty staff and deans to change in the published project.
- Students are always welcomed to come to our IT office to be supported.
- Update records upon request.
- Export project data for analytics.



## Response Rate Monitoring

- Each Dean has access to the dash board to view live his faculty student's response rates and take immediate actions if necessarily to improve response rate
- Instructors can view the response rate of every CRN they teach
- Faculty secretary is involved in viewing response rates for every CRN in their faculty.
- Dean of Student Affairs take action by requesting extra reminders to students when finding a low response rate in any of the following campus, faculty and course.



## Course Evaluations

➤ **Spring 2016/2017** Course evaluations (pilot study)

- **CRN: 2279**
- Instructors: **739**
- Max RR: **62%** (Engineering faculty)
- Avg. RR: **53%**

➤ **Fall 2017/2018** Course evaluations

- **CRN: 2074**
- Instructors: **742**
- Max RR: **72%** (Dentistry faculty)
- Avg. RR: **58%**

➤ **Spring 2017/2018** Course evaluations

- **CRN: 2115**
- Instructors: **703**
- Max RR: **62%** (Medicine faculty)
- Avg. RR: **50%**

➤ **Fall 2018/2019** Course evaluations

- **CRN: 2172**
- Instructors: **904**
- Max RR: **81%** (Medicine faculty)
- Avg. RR: **57%**

➤ **Spring 2018/2019** Course evaluations

- **CRN: 2095**
- Instructors: **1075**
- Max RR: **80%** (Medicine faculty)
- Avg. RR: **53%**

### **No Blocks (Hold)**

It is worth mentioning that these results were obtained without blocking any service within the student management system.

**Overall Avg. RR. :55%**

**Course evaluations has become a culture for students.**

# Blue experience at BAU

## Reports

- Individual Instructor Report
  - Aggregate Instructor Report
    - All his Courses
      - Breakdown by course
- Individual Course Report
- Aggregate Course Report
  - Per Campus
  - Per Faculty
  - Per Program
- Surveys Roll Over (over all)

Abdallah Barakat POWE322, POWE324, POWE424, POWE522

Creation Date: Wednesday, June 12, 2018

Powered by blue

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Raters	Students
Responded	22
Invited	26

Instructor Questions for Abdallah Barakat

A = 1 = Strongly Disagree, B = 2 = Disagree, C = 3 = Neither Agree Nor Disagree, D = 4 = Agree, E = 5 = Strongly Agree. Tot = Response Count, STD = Standard Deviation

**POWE424**  
Course Questions for POWE424

	Tot	A	B	C	D	E	Mean	STD
The course objectives were clear and have been fully achieved.	9	0	0	0	0	3	4.22	0.52
The course increased my interest in the field of study.	9	0	0	1	6	2	4.11	0.60
The usefulness and relevance of the course to my study were clear.	9	0	0	1	5	3	4.22	0.67
The books and references necessary for the course were adequate and available.	9	0	0	2	2	3	4.22	0.67
The topics of the course helped develop cognitive and professional skills.	9	0	0	2	3	2	4.22	0.71
The course topics were fully covered during class time.	9	0	0	1	2	6	4.56	0.72
Methods of assessment (written - practical - clinical - oral...etc.) were fair and adequate.	9	0	0	0	5	4	4.44	0.52

Please add here any comments you may have about the course POWE424

Comments

...

he works professionally and care about students education

Great course

Great doctor

No comments

see

this course is very important for the power engineers and I understood this course very well thanks to dr barakat of course I.

...

**POWE522**  
Course Questions for POWE522

	Tot	A	B	C	D	E	Mean	STD
The course objectives were clear and have been fully achieved.	5	0	0	0	4	1	4.20	0.52
The course increased my interest in the field of study.	5	0	0	3	2	0	4.00	0.92
The usefulness and relevance of the course to my study were clear.	5	0	0	0	3	2	4.20	0.52
The books and references necessary for the course were adequate and available.	5	0	0	1	3	2	4.12	0.64
The topics of the course helped develop cognitive and professional skills.	5	0	0	1	3	2	4.20	0.74
The course topics were fully covered during class time.	5	0	0	0	3	2	4.20	0.48
Methods of assessment (written - practical - clinical - oral...etc.) were fair and adequate.	5	0	1	0	2	2	4.20	1.05

Please add here any comments you may have about the course POWE522

Comments

...

the course was interesting

...

see

Number of assessments should be reduced

...

Summary

Course: Instructor Questions for Abdallah Barakat

4.51

## Findings and actions

- Using 5 scales from Strongly Disagree to Strongly Agree and formulas like Averages and Standard Deviations (70% meeting the expectation)
- Identification of strengths and weaknesses
- Correlation between quantitative data and comments
- Correlation with students achievements in the course
- **Areas of action and improvement**

## Future Plans

- Efforts are currently underway in cooperation with blue experts to get customised reports to be friendly used by the academic responsible.
- An automated functionality will be implemented for instructors and Faculty staffs and deans for more involving in the course evaluation creation and supporting.
- **BTA feature will be used to help analyze reports.**



# Thank You

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