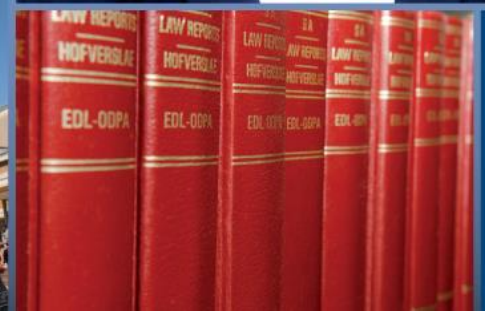
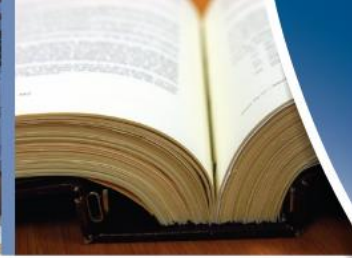


RADAR by Lynn Biggs (Law) and Dierdre Els (ICT)

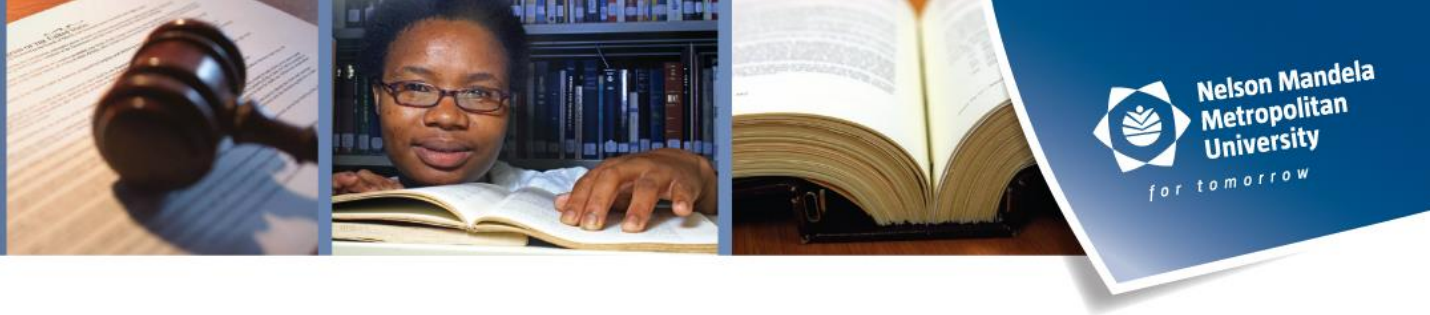




- Largest university in the Eastern and Southern Cape
- We have **26 210** students studying across **307** programmes in **130** different career fields in **7** faculties on **6** campuses in **2** different cities in **1** happening university!
- Almost **8%** of our students are international
- Demographics – **60%** Black, **24%** White, **14%** Coloured and **2%** Indian

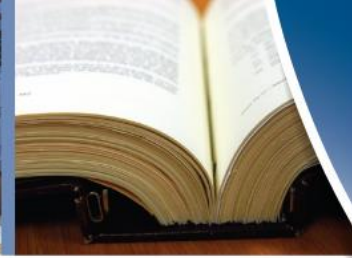


- ❑ Risk Analysis and Detection to Assist and Retain students.
- ❑ The need for an early warning and tracking system was identified in the Faculty of Law in 2013.
- ❑ Project team is made up of members from the Faculty of Law, ICT and CTLM (Centre for Teaching, Learning and Media).
- ❑ ITS-based system that utilises information already available to the institution.
- ❑ Development commenced in 2014.
- ❑ Pilot run in Faculty of Law in 2016.
- ❑ Roll out of phase 1 to other Faculties / Departments in 2017.



Aims

- monitor student progress
- identify students struggling with their studies as early as possible
- identify suitable interventions
- where possible implement interventions to assist the students in overcoming obstacles to their academic performance
- track the overall status and progress of a student across all of their academic modules
- make the relevant information available in a central, easy to use, location



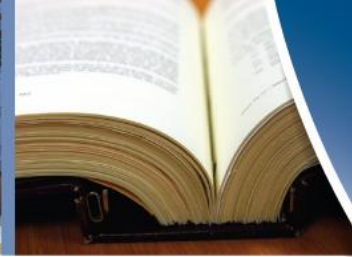
Our presentation will explain:

- ☐ critical student information delivered by RADAR;
- ☐ concerns raised around access to the information; and
- ☐ proposed interventions that have been identified to respond to the students' needs



- ☐ ERP data could easily be provided for the system.
- ☐ Data drawn from Student application, Registration, Financial Aid, and Biographical data sources.
- ☐ Data requirements for some Key Performance Indicators need permission from data owners, for example, sensitivity of information such as Student Counseling interventions
- ☐ Some of the datasets are not available yet, for example, Access Assessments (CAAR), Co-Curricula and Class Attendance.

Main screen



[Departments](#) [Qualifications](#) [Modules](#)

RADAR

 [Graphs](#) ▾

 [Comment](#)

View your modules



Select a module

JLC211 - LAW OF CONTRACT ▾

Search

KPI's

Module assessment average %	59
--------------------------------	----

Comments

Write a comment...

Add

Be the first to comment...

Module drop-down list



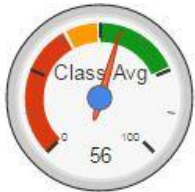
Only lists the modules the person has access to:

RADAR

 Graphs ▾

 Comment

View your modules



KPI's

Module assessment
average % 56

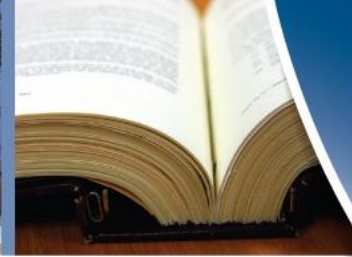
JLK111 - INTRODUCTION TO LAW
JLQS311 - SPECIFIC CONTRACTS A S/S
JMB311 - BUSINESS ENTITIES LAW
JMIS411 - INSOLVENCY LAW S/S
JMP412 - PROPERTY AND AGENCY LAW
JMY411 - LEGAL RESEARCH ASSIGNMENTS(MERCANTILE LAW)
~~JML400 - COLLECTIVE BARGAINING & COLLECTIVE LABOUR LAW~~
JMB311 - BUSINESS ENTITIES LAW

Comments

Add

Be the first to comment...

Class list



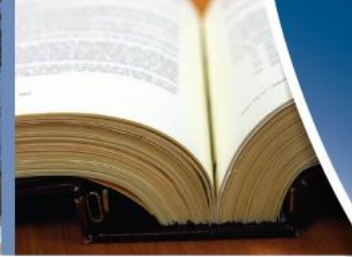
JMB311 - BUSINESS ENTITIES LAW

Show **50** entries

Search:

Title	Surname	Firstname	Student Number	Assessments Passed	Assessments Failed	Avg	Status	
MR	STUDENT	Test	200000001	1	1	52		Details
MR	STUDENT	Test	200000002	2	0	62		Details
MR	STUDENT	Test	200000003	2	0	79		Details
MR	STUDENT	Test	200000004	2	0	77		Details
MR	STUDENT	Test	200000005	0	2	27		Details
MR	STUDENT	Test	200000006	1	1	40		Details
MR	STUDENT	Test	200000007	2	0	78		Details
MR	STUDENT	Test	200000008	1	1	51		Details
MR	STUDENT	Test	200000009	2	0	66		Details
MR	STUDENT	Test	200000010	0	2	22		Details
MR	STUDENT	Test	200000011	2	0	66		Details

Icon description



Each icon against a student has a different interpretation:



Excellent – Test, Practical and Assignment Average Marks greater than 74.9%.



Pass - Test, Practical and Assignment Average Marks between 50% and 74.9%.



Exam Entry - Test, Practical and Assignment Average Marks between 40% and 49.9%.



Fail - Test, Practical and Assignment Average Marks less than 40%.

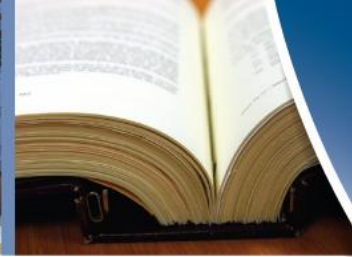


No Data Available – No marks have been captured on ITS yet.



Exempt – Student has been exempted from this module.

Sorting of information



Sort information according to columns:

JMB311 - BUSINESS ENTITIES LAW

Show entries

Search:

Title	Surname	Firstname	Student Number	Assessments Passed	Assessments Failed	Avg	Status	
MR	STUDENT	Test	200000023	2	0	90	★	Details
MR	STUDENT	Test	200000401	2	0	89	★	Details
MR	STUDENT	Test	200000398	2	0	89	★	Details
MR	STUDENT	Test	200000357	2	0	84	★	Details
MR	STUDENT	Test	200000021	2	0	82	★	Details
MR	STUDENT	Test	200000260	2	0	82	★	Details
MR	STUDENT	Test	200000145	2	0	82	★	Details
MR	STUDENT	Test	200000102	2	0	82	★	Details
MR	STUDENT	Test	200000098	2	0	82	★	Details
MR	STUDENT	Test	200000054	2	0	81	★	Details
MR	STUDENT	Test	200000097	2	0	81	★	Details

Individual student screen



RADAR



Class List



Comment



Email



Student



Biography

Mr Test Student



KPI's

Home language differs from language of instruction

No

Was the student admitted for their first choice?

Yes

LLB Extended Program Extended Programme

Code	Module name	Average	Status
SEMESTER 1			
JJB411	CIVIL PROCEDURE	70	
JLD311	LAW OF DELICT	41	
JLQ311	SPECIFIC CONTRACTS A	58	
JLQ314	SPECIFIC CONTRACTS B	50	
JMB311	BUSINESS ENTITIES LAW (repeat)	70	
SEMESTER 2			
JCL411	CONSUMER PROTECTION AND CREDIT I AW	0	

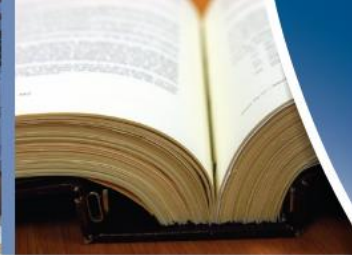
Comments

Write a comment...

Add

Be the first to comment...

Assessment results for individual student



Class List



Comment



Email



Student



Biography

BUSINESS ENTITIES LAW_{JMB311}

KPI's

Home language differs from language of instruction

No

Was the student admitted for their first choice?

Yes

Mr Test Student

Mark Type	1	2	Avg	Class Avg	Exam Entry Requirement
TM	52	87	70	55	40

Comments

Write a comment...

Add

Be the first to comment...

Comments by
lecturer / HoD



 **Nelson Mandela
Metropolitan
University**
for tomorrow

 Class List  Comment  Email  Student  Biography

Mr Test Student



KPI's

Home language differs from language of

LLB Extended Program Extended Programme

Code	Module name	Average	Status
SEMESTER 1			
JJB411	CIVIL PROCEDURE	70	
JLD311	LAW OF DELICT	41	
JLQ311	SPECIFIC CONTRACTS A	58	
JLQ314	SPECIFIC CONTRACTS B	50	

Comments

Intervention required!!

Add

Els (JMB311)

STudent booked of sick for
a week...

on 27 Jun 2016 · Delete

Biographical
information per
individual student



 **Nelson Mandela
Metropolitan
University**
for tomorrow

Biography

Personal Details

Qualification Details

Contact Details

Student Details

Education

Postal Address

Study Address

Account Contact

Next Of Kin Details

Financial Aid

Financial Status

Administrative Comments

CAAR Comments

Personal details



Biography

Personal Details

Title	<input type="text" value="MR"/>
First names	<input type="text" value="Test"/>
Surname	<input type="text" value="STUDENT"/>
Birthdate	<input type="text" value="1 Jan 1995"/>
Citizenship	<input type="text" value="SOUTH AFRICA"/>
Gender	<input type="text" value="M"/>
Home language	<input type="text" value="ENGLISH"/>

Qualification Details

Contact Details

Qualification details



Biography

Personal Details

Qualification Details

Student number

200000082

Qualification Name

LLB Extended Program

Department

LAW INTERDEPT

Faculty

LAW

Offering Type

EXTENDED PROGRAMME

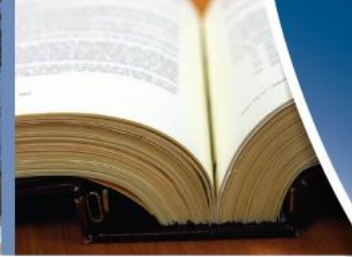
Campus

SUMMERSTRAND CAMPUS SOUTH

Contact Details

Student Details

Residence details



Biography

Personal Details

Qualification Details

Contact Details

Student Details

In Residence

Resident

Yes-Not Perm

International

No

Student type

NORMAL STUDENT

Education

Postal Address

Study Address

Matric results



Education

Highest grade

12

School year completed

201111

School attended

LAWSON BROWN HIGH SCHOOL

APS Score

33

Matric Results

Subject	Symbol	Grade	Matric Type	Score
Physical Sciences (nsc)	3	N	DE	3.00
Mathematics (nsc)	4	N	DE	4.00
History (nsc)	4	N	DE	4.00
Computer Appl Technology (nsc)	4	N	DE	4.00
English Prim/home Lang. (nsc)	5	N	DE	5.00
Life Orientation (nsc)	6	N	DE	6.00
Afrikaans 1st Add. Lang (nsc)	7	N	DE	7.00

Other information
available



 Nelson Mandela
Metropolitan
University
for tomorrow

Postal Address

Study Address

Account Contact

Next Of Kin Details

Financial Aid

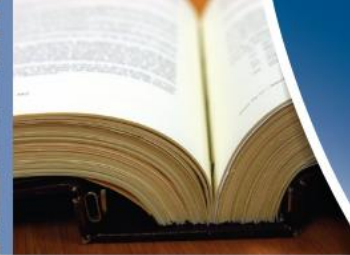
Financial Status

Administrative Comments

CAAR Comments

Co-Curricular

Email the student



Create Email

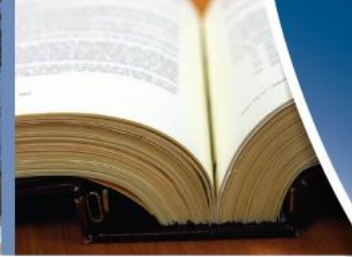
Subject

Enter message

Submit

Cancel

Graphs



RADAR



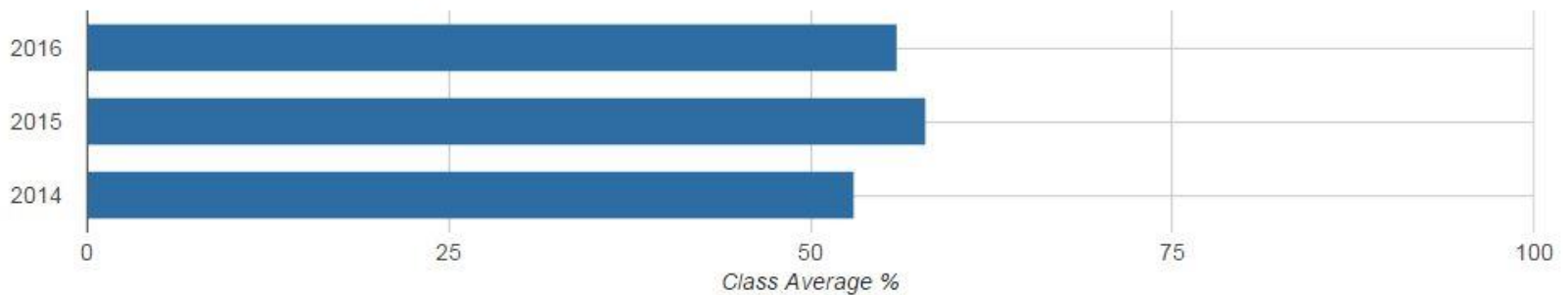
Graphs ▾



Comment

Class Average JMB311 - BUSINESS ENTITIES LAW

Historical view of Class Averages

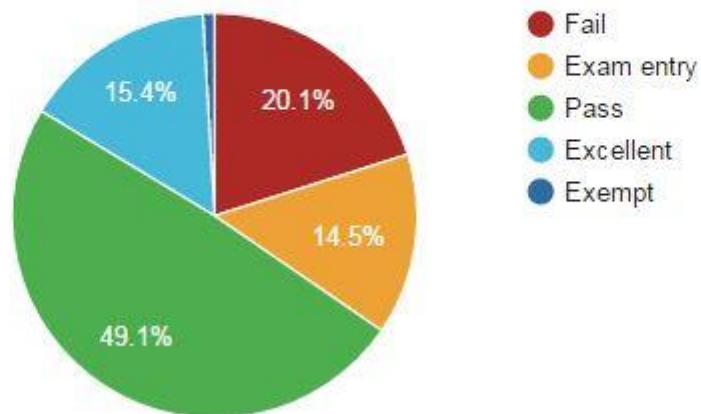


Graphs

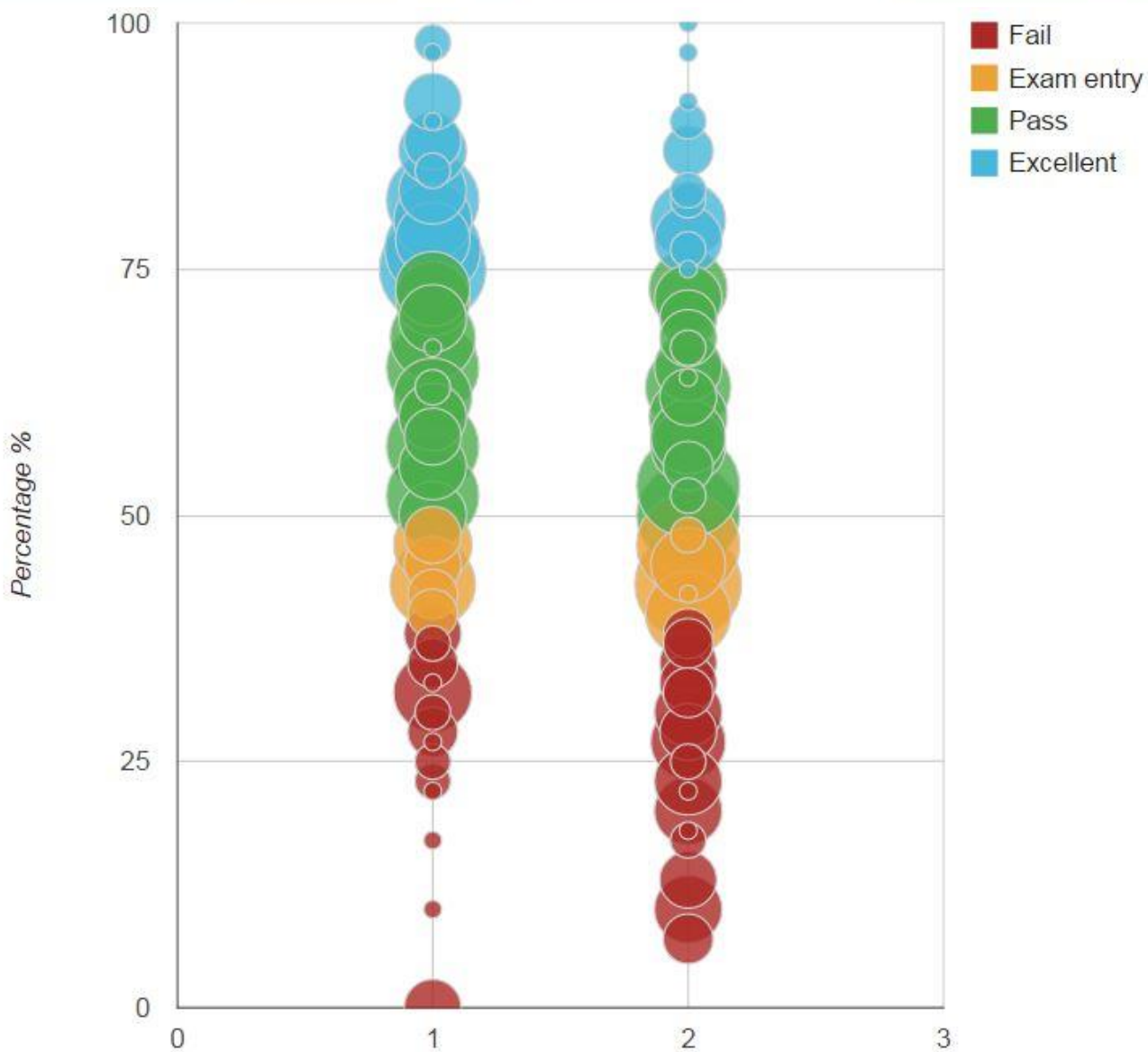


Total Students: **214**

Class Average for 2016



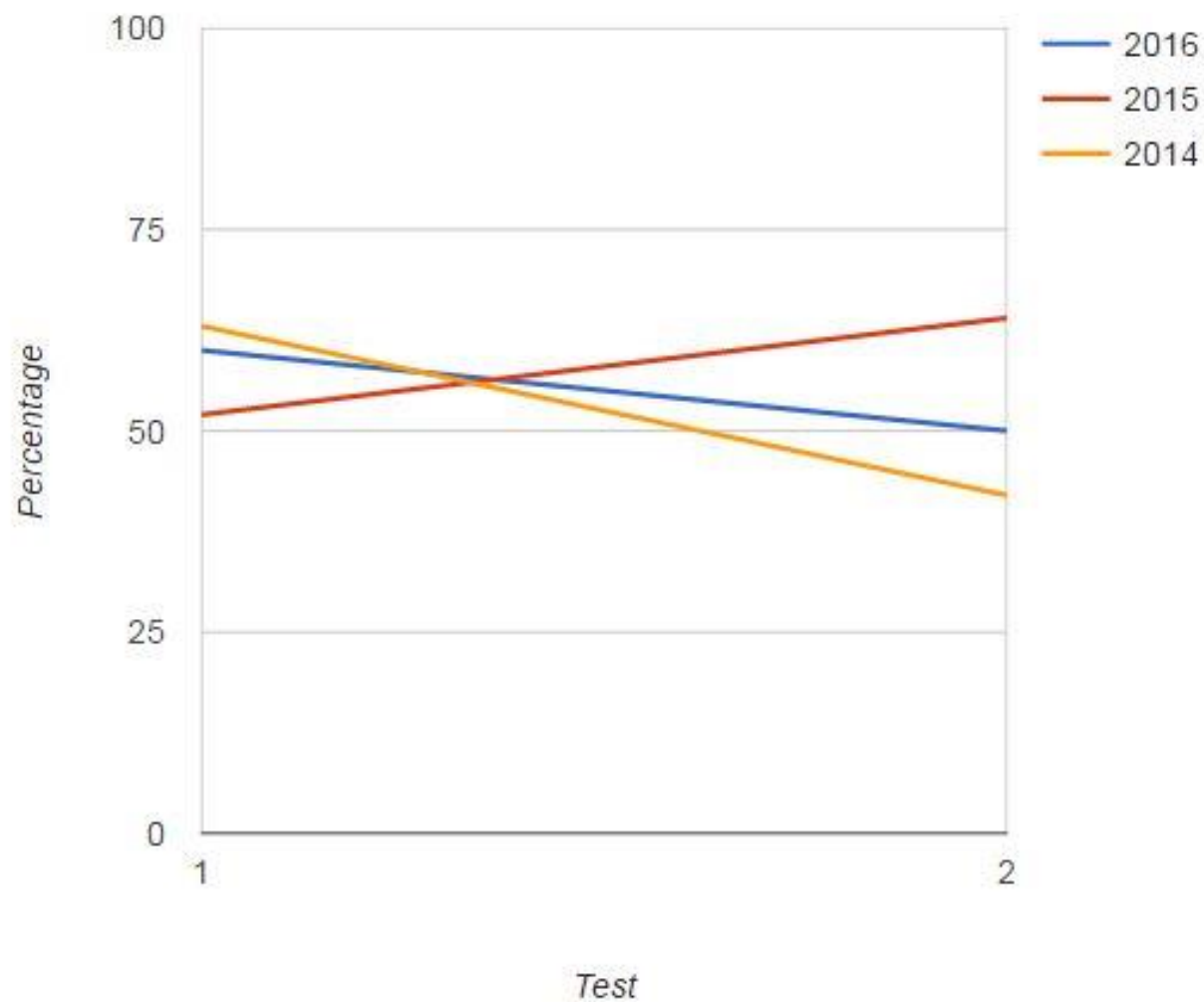
Graphs

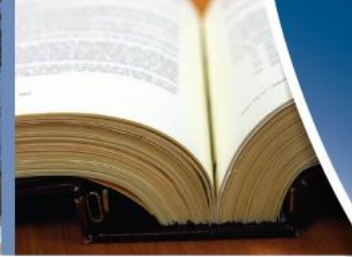


Graphs



Class Averages

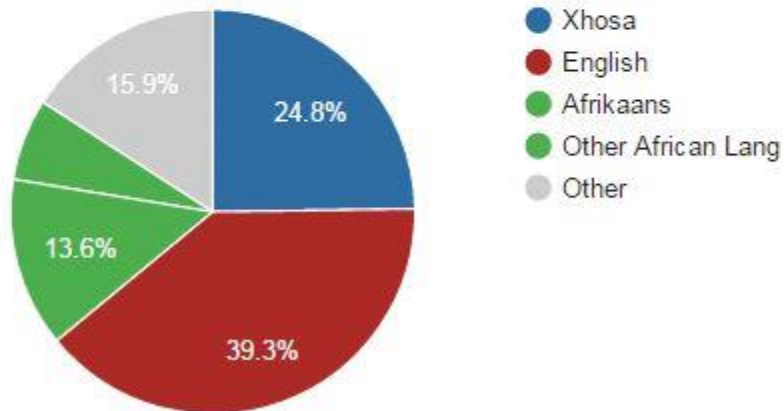




Home Language JMB311 - BUSINESS ENTITIES LAW

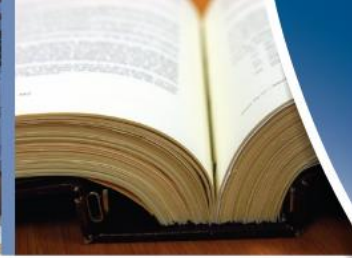
Total Students: **214**

Home language of students

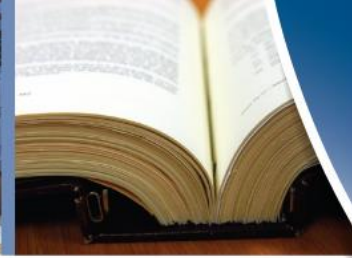




- ❑ Access to the RADAR system is based on the ERP access privileges per module and department.
- ❑ The RADAR access security is based on Roles (for example, Lecturer, Top Management),
 - the Lecturer's module access,
 - the modules a Lecturer is an Examiner for, or
 - Departments the HoD is responsible for.
- ❑ The Biographical screen is specifically only made available to HoDs.
- ❑ By integrating the access with the existing system it means less maintenance, and ensures that lecturer access stays relevant.



- ❑ The pilot commenced in the Faculty of Law in semester 1 of 2016.
- ❑ Lecturers /HoD's requested that the following information be made available:
 - School subject score – for example, the percentage range per APS school score (APS score of 5 is an APS % of 60-69%).
 - To distinguish between the Offering Type of the module – for example, full time and part time students to be identified.
 - Date of registration of current qualification.



Phase 2 - Interventions

- ☐ Identify and list current institution interventions (drop-down list), for example, Supplementary Instruction, Counseling etc.
- ☐ Allow for new Interventions to be created and link to RADAR (add to drop-down list), for example, Mentoring.
- ☐ Identify additional KPIs per department and Faculty.
- ☐ Link interventions to specific KPIs so that students can be referred to an Intervention in bulk, or individually.

Challenge:

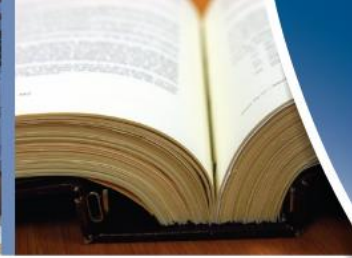
- ‘closing the loop’ - has student actually attended the Intervention?
(sensitivity of some of the Interventions like Student Counseling)



Phase 3 - Student dashboard

- ❑ PASS – Pathway for Achieving Student Success
- ❑ Student's Test, Assignment and Practical Marks available in one place graphically
- ❑ Student to see the recommendations and interventions made by the lecturer per module.
- ❑ 'Close the loop' on a student's interventions by providing optional feedback on the Student Dashboard.
- ❑ The finer details of this dashboard will be developed in collaboration with student representatives.

End



Thank-you