

Academic Year 2015-2016
Annual Key Assessment Findings and Curricular Improvements
Department of Physics
Undergraduate B.S. Program in Physics

Key Assessment Findings

THE CATHOLIC UNIVERSITY OF AMERICA
 Financial Planning, Institutional Research and Assessment

UNDERGRADUATE COMPREHENSIVE EXAMINATION RESULTS
SCHOOL OF ARTS AND SCIENCES
DEPARTMENT OF PHYSICS
AY2011-2012 to AY2015-2016

	Fail		Pass		High Pass		Pass w/Honors		TOTAL
	#	%	#	%	#	%	#	%	
AY2011-2012		0.00%		0.00%		0.00%		0.00%	0
AY2012-2013	1	25.00%		0.00%		0.00%	3	80.00%	4
AY2013-2014		0.00%	1	100.00%		0.00%		0.00%	1
AY2014-2015		0.00%	2	100.00%		0.00%		0.00%	2
AY2015-2016		0.00%	1	100.00%		0.00%		0.00%	1
TOTAL	1	12.50%	4	50.00%	0	0.00%	3	37.50%	8

Note:

1) Milestone outcomes were included in the categories High Pass and Pass with Honors if these designations were explicitly indicated in the students' milestone record.

2) Category "High Pass" includes both "High Pass" and "Pass with distinction".

3) The count in this table is based on the exam outcomes of all attempts in an academic year.

- During the academic year 2015-2016, one undergraduate student took the senior comprehensive examination and passed.

Table of Results
Student Learning Assessment Rubric
Department of Physics
B.S./B.A. in Physics
Rubric for Senior Comprehensive Exams (Oral)

Trait	Level						Mean	SD	Total N
	Exceeding Expectations (3pts)		Meeting Expectations (2pts)		Below Expectations (1pt)				
	N	%	N	%	N	%			
1) Knowledge of physics concepts	0	0%	1	100%	0	0%	2.00		1
2) Application of concepts to problem solving	0	0%	1	100%	0	0%	2.00		1
3) Oral communication	0	0%	1	100%	0	0%	2.00		1

Note: 1) The "N" represents the number of students at each level of performance for each trait.

2) The "%" represents the percentage of the number of students falling at the level performance

for each trait against the total number of students.

3) The mean is the average of all scores across the levels within the trait.

4) The standard deviation (SD) is the measure of the variability of the data set, indicating how "spread out" these data are from the mean value.

Curricular Improvements

No major curricular changes are planned at this time.