

# ASSESSMENT OF STUDENT LEARNING OUTCOMES IN GENERAL EDUCATION

## CAMPUS REPORT

Campus: SUNY Potsdam  
{specify name of branch campus, if relevant}

Academic Year: Spring 2013

Knowledge and Skills Areas / Competencies	Student Learning Outcome	Information			Results <sup>1</sup>					
		Date of Assessment Semester/Yr	Students Assessed		% Excdng Stnd	% Mting Stnd	% Apprchng Stnd	% Not Mting Stnd	% Not Assess ed	% Not Taught
			n	% <sup>2</sup>						
Mathematics FM	Demonstrate ability to represent and interpret data and/or quantitative relationships through tables, graphs and/or charts.	May 2013	303/781	38.8%	24.8%	33.2%	7.1%	14.8%	20.1%	0.0%
	Demonstrate ability to use and construct appropriate mathematical models, while being aware that mathematical models have limits.		307/781	39.3%	20.6%	35.6%	9.0%	15.8%	19.0%	0.0%
	Demonstrate ability to evaluate the reasonableness of mathematical results.		199/781	25.5%	15.0%	20.1%	5.0%	12.4%	38.3%	9.2%
	Demonstrate ability to perform symbolic computations.		303/781	38.8%	27.4%	29.8%	4.0%	18.7%	20.1%	0.0%
	Demonstrate understanding of logical relationships.		303/781	38.8%	23.0%	35.1%	6.3%	15.6%	20.1%	0.0%
Physical Education /Health Experience PE	Demonstrate specific skills appropriate to the course activity area.	May 2013	547/1361	40.2%	10.7%	72.9%	13.1%	2.9%	0.4%	0.0%
	Demonstrate knowledge of the benefits of exercise for lifelong well-being.		547/1361	40.2%	10.7%	72.9%	13.1%	2.9%	0.4%	0.0%
	Demonstrate understanding of safe practice of course activity area.		526/1361	38.6%	7.8%	80.9%	3.3%	3.8%	4.2%	0.0%
Western Civilization WC	Demonstrate knowledge and understanding of the historical development of some significant theme or aspect of Western Civilization, excluding the U.S.A.	May 2013	367/690	53.2%	13.0%	28.4%	16.5%	13.4%	28.7%	0.0%
	Demonstrate ability to examine the development of the distinctive features of some significant theme or aspect of Western Civilization, placing them into the broader context of the development of Western Civilization (and other regions of the world).		455/690	65.9%	11.5%	39.2%	17.3%	20.4%	11.7%	0.0%
	Demonstrate skill in the critical use of primary sources and evaluation of evidence.		466/690	67.5%	14.2%	25.0%	25.2%	26.0%	9.5%	0.0%
	Demonstrate an understanding of the issues and methodologies laid out in the preceding outcomes.		378/690	54.8%	5.2%	21.6%	17.5%	29.1%	26.6%	0.0%

<sup>1</sup> Each student should be counted only once and the four percentages should total 100%. System Administration will combine category results, as appropriate, for aggregate reporting purposes; for example, "meeting" and "exceeding" as "meeting and exceeding."

<sup>2</sup> As a percentage of the students enrolled in courses intended to address this learning outcome.

Scientific Inquiry – Biological Sciences SB	Demonstrate an understanding of major scientific concepts.	<b>May 2013</b>	365/700	52.1%	23.8%	39.3%	18.3%	18.3%	0.3%	0.0%
	Demonstrate knowledge of the scientific method.		365/700	52.1%	20.2%	37.4%	23.8%	18.3%	0.3%	0.0%
	Demonstrate understanding that discoveries in science help us comprehend the natural world.		365/700	52.1%	23.8%	66.1%	5.2%	4.6%	0.3%	0.0%
Scientific Inquiry – Physical Sciences SP	Demonstrate ability to identify major scientific concepts.	<b>May 2013</b>	345/924	37.3%	35.7%	44.9%	7.2%	12.2%	0.0%	0.0%
	Demonstrate effective use of quantitative measures, analyses, and models to present and evaluate data.		269/924	29.1%	35.1%	31.3%	7.5%	4.1%	0.0%	22.0%
	Demonstrate understanding of the impact of scientific investigations upon human existence.		345/924	37.3%	35.9%	49.0%	6.7%	8.4%	0.0%	0.0%
Scientific Inquiry – Laboratory LB	Demonstrate understanding of major scientific concepts through laboratory inquiry.	<b>May 2013</b>	356/908	39.2%	48.7%	39.1%	5.5%	5.3%	1.4%	0.0%
	Demonstrate skill in using DISCIPLINE SPECIFIC TECHNOLOGY to discover, address a problem, or test an hypothesis.		258/908	28.4%	33.5%	28.8%	3.3%	5.8%	16.4%	12.2%
	Demonstrate skill in the interpretation of data sets using quantitative measures, models, and other forms of analysis.		356/908	39.2%	49.6%	39.6%	3.3%	6.1%	1.4%	0.0%