ASSESSMENT OF STUDENT LEARNING OUTCOMES IN GENERAL EDUCATION

CAMPUS REPORT

Campus: <u>SUNY</u> Potsdam
{*specify name of branch campus, if relevant*}

Academic Year: <u>Spring 2010</u>

Knowledge and Skills Areas / Competencies	Student Learning Outcome	Information			Results[1]					
		Date of Assessmnt Semester/Yr[2]	Students Assessed		% Excdng Stnd	% Mting Stnd	% Apprchng Stnd	% Not Mtng Stnd	Not Assessed	Not Taught
			n	%[3]						
Mathematics FM	Demonstrate ability to represent and interpret data and/or quantitative relationships through tables, graphs and/or charts.	May 2010	283/752	37.6%	22.9%	35.0%	18.4%	23.7%	0%	0%
	Demonstrate ability to use and construct appropriate mathematical models, while being aware that mathematical models have limits.		283/752	37.6%	24.0%	32.9%	17.6%	25.4%	0%	0%
	Demonstrate ability to evaluate the reasonableness of mathematical results.		263/752	34.9%	19.1%	33.9%	18.0%	21.9%	7.1%	0%
	Demonstrate ability to perform symbolic computations.		283/752	37.6%	26.8%	31.8%	17.6%	23.7%	0%	0%
	Demonstrate understanding of logical relationships.		283/752	37.6%	27.2%	32.8%	17.6%	21.9%	0%	0%
Physical Education /Health Experience PE	Demonstrate specific skills appropriate to the course activity area.	May 2010	1101/ 1548	71.1%	22.6%	59.6%	10.2%	2.3%	5%	0%
	Demonstrate knowledge of the benefits of exercise, life-long physical fitness, proper nutrition, stress management, and a lifestyle approach to physical activity.		983/ 1548	63.5%	17.1%	57.5%	7.1%	3.1%	6.5%	8.7%
	Demonstrate attitudes that incorporate physical activity as part of a life-long healthy lifestyle.		1053/ 1548	68.0%	14.9%	65.6%	7.9%	2.4%	2.5%	6.6%
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 2010	220/425	51.8%	33.2%	40.0%	6.8%	20.0%	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.		220/425	51.8%	35.9%	39.5%	5.0%	19.5%	0%	0%

[1] 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."
[2] Enter the previous date, the current date or the planned date, whichever is appropriate.
[3] As a percentage of the students enrolled in courses intended to address this learning outcome.

	Demonstrate ability to relate the development of the theme or aspect to that of other regions of the world.		220/425	51.8%	40.4%	34.1%	5.5%	20.0%	0%	0%
WC cont.	Demonstrate a sense of history by suggesting continuities and discontinuities in the development of the theme or aspect under study.		220/425	51.8%	31.8%	40.5%	7.7%	20.0%	0%	0%
	Demonstrate skill in the critical use of primary sources and the evaluation of evidence whenever possible.		220/425	51.8%	28.2%	33.2%	10.4%	28.2%	0%	0%
	Demonstrate skill in the ability to discuss the nature of historical inquiry and the limitation of scholarly authority.		178/425	41.9%	29.1%	30.5%	6.8%	14.5%	0%	19.1%
	Submit written or spoken exercises which demonstrate an understanding of the issues and methodologies laid out in the preceding criteria.		220/425	51.8%	31.8%	28.2%	13.2%	26.8%	0%	0%
Scientific Inquiry – Biological Sciences SB	Demonstrate ability to identify major scientific concepts.	May 2010	265/747	35.5%	41.0%	43.2%	9.5%	3.3%	2.9%	0%
	Demonstrate that scientific investigation of a phenomenon progresses systematically with hypotheses, theories, and models being formed, challenged, defended, discarded, and revised.		265/747	35.5%	33.7%	57.1%	2.9%	3.3%	2.9%	0%
	Demonstrate ability and skill in forming and testing hypotheses.		149/747	19.9%	24.5%	15.0%	2.9%	2.9%	8.8%	45.8%
	Demonstrate ability to discuss limitations of a set of data and the possibility of alternative interpretations.		258/747	34.5%	36.6%	56.0%	1.8%	2.6%	2.9%	0%
	Demonstrate ability to distinguish causal and non-causal relationships.		273/747	36.5%	18.3%	30.8%	2.2%	2.9%	0%	0%
	Demonstrate effective use of quantitative measures, analyses, and models to present and evaluate data.		241/747	32.3%	24.2%	59.3%	1.8%	2.9%	11.7%	0%
	Demonstrate understanding of the limits of scientific investigations and its impact upon society and human existence.		265/747	35.5%	60.4%	30.8%	1.8%	2.9%	2.9%	0%
	Demonstrate ability to distinguish between science and the application of scientific knowledge as exemplified in technology.		265/747	35.5%	17.6%	74.7%	1.8%	2.9%	2.9%	0%
Scientific Inquiry – Physical Sciences SP	Demonstrate ability to identify major scientific concepts.	May 2010	424/904	46.9%	24.5%	46.2%	15.8%	13.4%	0%	0%
	Demonstrate that scientific investigation of a phenomenon progresses systematically with hypotheses, theories, and models being formed, challenged, defended, discarded, and revised.		200/904	22.1%	9.9%	22.4%	10.4%	4.2%	41.7%	11.1%
	Demonstrate ability and skill in forming and testing hypotheses.		187/904	20.7%	6.0%	19.3%	9.7%	10.1%	54.8%	0%
	Demonstrate ability to discuss limitations of a set of data and the possibility of alternative interpretations.		187/904	20.7%	6.0%	19.3%	9.7%	10.1%	54.8%	0%
	Demonstrate ability to distinguish causal and non-causal relationships.		98/904	10.8%	2.7%	12.6%	8.9%	3.8%	47.6%	26.1%

	Demonstrate effective use of quantitative measures, analyses, and models to present and evaluate data.		420/904	46.5%	27.6%	46.2%	14.3%	11.9%	0%	0%
	Demonstrate understanding of the limits of scientific investigations and its impact upon society and human existence.		144/904	15.9%	6.9%	14.4%	9.8%	3.3%	54.3%	11.2%
	Demonstrate ability to distinguish between science and the application of scientific knowledge as exemplified in technology.		132/904	14.6%	6.9%	11.7%	9.0%	2.4%	42.3%	27.5%
Scientific Inquiry – Laboratory LB	Demonstrate ability to identify major scientific concepts.	May 2010	249/397	62.7%	41.8%	26.6%	9.2%	4.3%	0%	18.1%
	Demonstrate that scientific investigation of a phenomenon progresses systematically with hypotheses, theories, and models being formed, challenged, defended, discarded, and revised.		223/397	56.2%	33.9%	20.4%	12.5%	6.5%	26.6%	0%
	Demonstrate ability and skill in forming and testing hypotheses.		223/397	56.2%	34.2%	20.1%	13.2%	5.9%	26.6%	0%
	Demonstrate ability to discuss limitations of a set of data and the possibility of alternative interpretations.		168/397	42.3%	23.0%	12.5%	13.2%	6.6%	26.6%	18.1%
	Demonstrate ability to distinguish causal and non-causal relationships.		168/397	42.3%	25.3%	19.7%	8.2%	2.0%	26.6%	18.1%
	Demonstrate effective use of quantitative measures, analyses, and models to present and evaluate data.		304/397	76.6%	49.7%	26.3%	18.4%	5.6%	0%	0%
	Demonstrate understanding of the limits of scientific investigations and its impact upon society and human existence.		158/397	39.8%	22.7%	9.5%	13.5%	6.2%	29.9%	18.1%
	Demonstrate ability to distinguish between science and the application of scientific knowledge as exemplified in technology.		168/397	42.3%	23.0%	8.2%	21.4%	1.0%	26.6%	18.1%
Philosophical Inquiry PI	Demonstrate ability to reflect critically and systematically on the meaning and significance of human experience (ontological questions).	May 2010	195/593	32.9%	21.4%	24.4%	18.4%	19.2%	16.7%	0%
	Demonstrate ability to reflect critically and systematically on the nature and meaning of knowledge (epistemological questions).		234/593	39.5%	21.8%	27.4%	26.1%	24.8%	0%	0%
	Demonstrate ability to reflect critically and systematically on moral and ethical values of contemporary significance (moral questions).		214/593	36.1%	28.2%	24.4%	12.8%	26.1%	8.5%	0%
	Demonstrate ability to reflect critically and systematically on the nature and meaning of concepts fundamental to a given subject matter (analytical questions).		234/593	39.5%	31.2%	27.4%	5.5%	35.9%	0%	0%
Modern Languages ML	Demonstrate a basic proficiency in the understanding and use of a foreign language.	May 2010	85/285	29.8%	14.1%	34.1%	9.4%	42.4%	0%	0%

	Demonstrate knowledge of the distinctive features of culture (s) associated with the language they are studying.		42/285	14.7%	4.7%	9.4%	8.2%	28.2%	0%	50.6%