SUNY Cortland
Institutional Research and Analysis

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Contents:

Institutional Research and Analysis
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Student Opinion Survey

This spring, select SUNY Cortland undergraduates will be invited to participate in the Student Opinion Survey (SOS). The SOS is conducted once every three years as part of the SUNY system's effort to assess students' impressions of their college education. The purpose of the survey is to evaluate various programs, services, and facilities provided to undergraduate students. Results from this survey will be used to inform discussions about how to improve the student experience at SUNY Cortland.
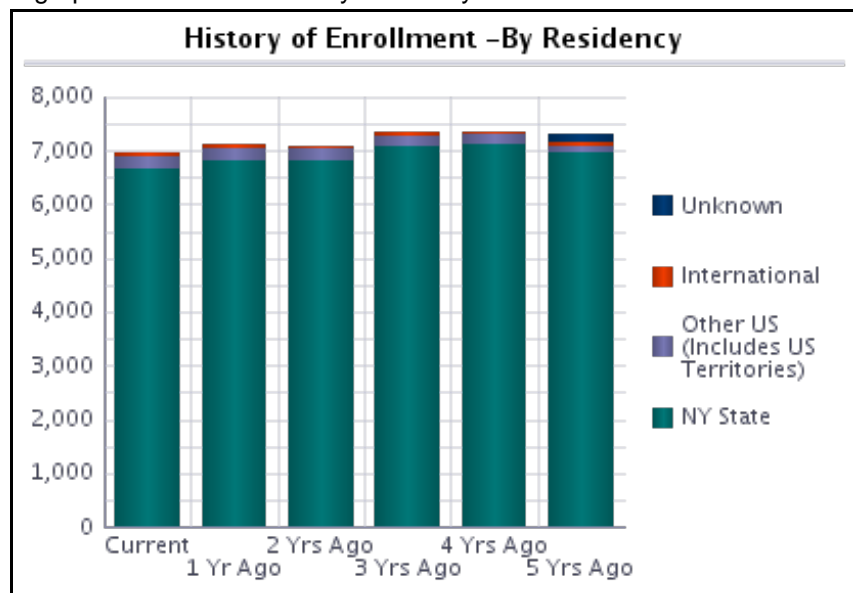
Student participation is very important! A large response from students will hopefully make the results more meaningful and more representative of the population surveyed. Faculty and staff should encourage students to participate and let them know that this is a great opportunity for them to share their opinions on their college experience. More information for students will be available soon.

SUNY Business Intelligence Dashboards

The SUNY system maintains a data warehouse for all SUNY institutions. Data on academic programs, graduation rates, retention rates, enrollment, and more are collected and compiled in this data warehouse. The Business Intelligence Dashboards are a user-friendly way to explore the data. Most faculty and staff at Cortland should have access to these dashboards.

Dashboards can be accessed at: www.suny.edu/analytics. Select "Cortland" and then login with your Cortland username and password.

Below is an example of just one type of graph that can be generated by the SUNY BI tool. This graph shows enrollment by residency.

Latest NSSE Results

Following up on the results of the National Survey of Student Engagement that were presented in our Fall 2014 newsletter, SUNY Cortland had the opportunity to request additional analyses to better understand student engagement based on major. After careful consideration, the following three groups of majors were selected for the analyses: Arts/Sciences, non-education; Professional Studies, non-education; and Education. These three groups roughly correspond to SUNY Cortland's three schools. However, the major data was self-reported and the groups were constructed by IRA, so these groups may differ in some respects to the three schools.

Results indicated that both first-year students and seniors in Professional Studies, non-education majors and Education majors had significantly higher scores on several Engagement Indicators relative to Cortland's peer comparison groups. See the chart below for more details on Education majors.

▲ **Your students' average** was significantly higher (p<.05) with an effect size at least .3 in magnitude.

△ **Your students' average** was significantly higher (p<.05) with an effect size less than .3 in magnitude.

-- No significant difference.

▽ **Your students' average** was significantly lower (p<.05) with an effect size less than .3 in magnitude.

▼ **Your students' average** was significantly lower (p<.05) with an effect size at least .3 in magnitude.

Theme	Engagement Indicator	First-Year Students in Education			Seniors in Education		
		Your FY students compared with SUNY	Your FY students compared with Carnegie Class	Your FY students compared with NSSE 2013 & 2014	Your seniors compared with SUNY	Your seniors compared with Carnegie Class	Your seniors compared with NSSE 2013 & 2014
Academic Challenge	**Higher-Order Learning**	--	--	--	--	--	--
	Reflective & Integrative Learning	--	--	--	--	--	--
	Learning Strategies	--	--	--	--	--	--
	Quantitative Reasoning	▲	▲	▲	△	--	--
Learning with Peers	**Collaborative Learning**	--	--	--	▲	▲	▲
	Discussions with Diverse Others	--	--	--	--	--	--
Experiences with Faculty	**Student-Faculty Interaction**	--	--	--	△	▲	▲
	Effective Teaching Practices	▲	--	--	△	△	△
Campus Environment	**Quality of Interactions**	--	--	--	△	△	△
	Supportive Environment	--	--	--	△	▲	△

In addition to the major reports, longitudinal analyses (featured in our Sandwich Seminar Presentation) and an analysis of responses to NSSE's open-ended question are now posted on the NSSE page on our website.

Data Requests

Institutional Research and Analysis consults on survey design and administration, assessment, data analysis and reporting. To arrange a consultation, or ask a question about the work we do, contact us at 607-753-5565 or send an email to:

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