

Educational Outcomes: The Measurement of Institutional Effectiveness and Learning Ability

Part 1 - Questions Regarding Institutional Assessment

Q 4.0	How can NJIT best expand its university-wide assessment activities?
	<ul style="list-style-type: none"> - (Comments) Take advantage of the capacity to link student responses across multiple surveys and the University Student Information System. <ul style="list-style-type: none"> o Every survey is confidential but not anonymous, so we could match progression over-time <ul style="list-style-type: none"> ▪ Data is available but not leveraged ▪ Expand the analysis in the end-of-semester course evaluations
Documentation	IRP surveys; Relevant Identified documents of Group 2
Source	
Individual Most Knowledgeable	P. Deess – IRP E. Bishof – Group 2

Q 4.1	What processes are in place to assure that NJIT’s comprehensive assessment plan serves as a guide to university-wide, cohesive strategic planning?
Documentation	Strategic Plan 2004-5 to 2009-10 – closed the loop (tracking surveys) -- New Upcoming Plan (2010-11 to 2015-16) focuses on completion of project on list.
Source	ViSTA See: http://www.njit.edu/president/docs/2009/2009-05-29-ViSTa-process-planning.pdf NJIT Strategic Plan 2010-2015; See: http://www.njit.edu/president/docs/2010/2010-07-15-final-draft-plan.pdf See Task forces and Tactics. http://www.njit.edu/president/docs/2009/2009-08-13-task-forces-tactics.pdf
Individual Most Knowledgeable	

Q 4.2	How might NJIT’s comprehensive assessment plan for institutional effectiveness be described in its relationship to the strategic planning process?
Documentation	Same as Q4.1 for documents
Source	
Individual Most Knowledgeable	

Knowledgeable	
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Q 4.3	In what ways has NJIT's institutional assessment resulted in authentic institutional renewal as a result of assessment reports and balanced scorecards?
Documentation	Annual Milestone Reports (Needed) Survey of individual VP's (Needed)
Source	
Individual Most Knowledgeable	President: How did the Strategic Plan assessment affect the allocation of resources at NJIT? Budget Office (Bishop) : How were resources allocated? Alumni office, individual VP. (VP surveys will document examples of how resources were transferred from part of the plan that worked and those that did not work).

Q 4.4	How does institutional assessment inform the strategic planning process?
	<i>(Comments: Similar to 4.3?)</i>
Documentation	Strategic Plan Annual Milestone Reports (Needed) Survey of individual VP's (Needed)
Source	NJIT Institutional Research Published Reports. http://www.njit.edu/irp/reports/index.php
Individual Most Knowledgeable	

Q 4.5	How does institutional assessment influence resource allocation?
	<i>(Comments: similar to institutional renewal 4.3?)</i>
Documentation	IRP surveys
Source	Student satisfaction survey drove the decision to use more digital services at the library (survey and focus groups run by Rich Sweeney). - Parking lot expansion and overnight parking changes policies. NJIT Institutional Research Published Reports. http://www.njit.edu/irp/reports/index.php
Individual Most Knowledgeable	P. Deess - IRP

Q 4.6	What evidence exists that the NJIT community understands and embraces existing
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	institutional assessment efforts?
<p><i>(Comments) Nothing more outside of the strategic plan? For example, strive for transparency, institutional assessment reports are continuously available on the Web. I.e. (students participate pretty widely, with a response rate of about 30%)</i></p>	
Documentation	<p>Reference Documents</p> <ul style="list-style-type: none"> - Student Satisfaction (library, advising, computer services, etc. max 10 questions) - Graduating student survey - Entering student survey - (evaluations of administration and programs – actually used in decision-making) - (faculty council assessment of course scheduling systems, new rules were developed to accommodate faculty concerns) - Student feedback sessions
Source	
Individual Most Knowledgeable	

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Part 2 - Questions Regarding Assessment of Student Learning

Q 4.7	What evidence demonstrates that there is campus support for the assessment of student learning?
Documentation	NJIT Strategic Plan Sub-committee on Outcomes Assessment; NJIT Information Literacy Plan; Use of common hour for common exams; NJIT Learning Community Model from LC planning group.
Source	
Individual Most Knowledgeable	

Q 4.8	How do our current student learning outcomes ensure that there is consistent quality of admitted students?
Documentation	Placement exam; Center for First Year Students ; Bridge courses; "C" policy; minimum GPA requirements; Writing placement examination study.
Source	
Individual Most Knowledgeable	Sharon Morgan - Center for First Year Students J. Bloom and N. Elliot – Writing Placement Exam Study

Q 4.9	How does NJIT document that the institution's students have levels of knowledge and skills that are consistent with the NJIT mission?
Documentation	NJIT Core Values, Institutional Level Goals and Core Competencies; Alumni surveys; Employer surveys; Pilot general exams on critical reasoning, reading and writing; FE exam; EIT exam; College/University Salary Survey (Ala); CDS placement data(?); Department senior exit surveys.
Source	Department heads possess much information. http://www.njit.edu/middlestates/studentlearning/ - Values, Goals and Comp.
Individual Most Knowledgeable	J. Redling – Core Values and Institutional Level Goals and Core Competencies

Q 4.10	What evidence is used to document that the General University Requirements are
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	assessed through performance-based measures? ¹
Documentation	CSLA Strategic Plan; Accreditation reports; ETS iCT test and ETS Proficiency Profile. Both tests have been selected by the Voluntary System of Accountability (VSA) as a gauge of general education outcomes. (VSA is a voluntary initiative for four-year public colleges and universities developed through a partnership between the American Association of State Colleges and Universities (AACSB) and the Association of Public and Land-Grant Universities (APLU)). Core Competencies Research Group.
Source	http://www.njit.edu/middlestates/docs/2010/NJITCoreCompetencies_May122010_1_.pdf
Individual Most Knowledgeable	

Q 4.11	What evidence is used to document that degree programs are assessed through performance-based measures?
Documentation	Mostly department/college specific. Accreditation reports; Kepler system; Portfolio studies, Program Review Documents
Source	Department heads possess much information.
Individual Most Knowledgeable	

Q 4.12	What evidence exists that our current student learning outcomes lead to curriculum transformation in terms of consistently achieved program objectives?
Documentation	Changes in GUR; minutes of UCRC meetings; minutes of meetings of Graduate Council; CSLA strategic plan; Program Review Documents
Source	
Individual Most Knowledgeable	

Q 4.13	How has assessment of student learning influenced instruction?
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¹ Hint: This question could be interpreted by focusing on GUR that impact your department and identifying how the courses offered by your department (as GUR) are assessed.

Documentation	TLT; Distance Learning; Moodle, Wimba, Clickers; Curriculum changes (UCRC, GC); Program Review Documents
Source	
Individual Most Knowledgeable	J. Redling – Program Review Process

Q 4.14	What strategies have we used to demonstrate that current student learning outcomes lead to curricular adjustments in terms of increased student engagement?
Documentation	National Survey of Student Engagement; Student Feedback sessions; Common hours; Connections Miniversity; First-year seminar; Program Review Documents
Source	http://www.youtube.com/watch?v=KhA-JYC2L-s podcasts in series.
Individual Most Knowledgeable	P. Deess – Surveys J. Redling – Program Review Process

Q 4.15	How do our current student learning outcomes lead to adjustments in terms of increased student retention?
Documentation	Retention Reports; Identification of “barrier” courses; In migration/out migration data; CAPE; Murray Center
Source	
Individual Most Knowledgeable	P. Deess – IRP studies

Q 4.16	How do our current student learning outcomes lead to informed decisions about curricular planning and resource allocation?
Documentation	NJIT Strategic Plan; College Strategic Plans; Need feedback from department heads.
Source	
Individual Most Knowledgeable	

Q 4.17	During the period of the present self study, how have we articulated the need to
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	develop a university-wide outcomes assessment plan that unifies existing efforts? How is such a plan being developed?
Documentation	NJIT Strategic Plan Sub-committee on Outcomes Assessment; NJIT Information Literacy Plan; Group 4 recommendations on University Wide Learning Outcomes and General Policies and timelines for University Wide Assessment; Program Review Process
Source	http://www.njit.edu/middlestates/studentlearning/
Individual Most Knowledgeable	J. Redling – Program Review Process