Chapter 14: Standard 14: Assessment of Student Learning

Part 1—Introduction
I. Précis: The NJIT Outcomes Assessment Model: A Cohesive Presence
II. An Overview of Group 4’s Standard 14 Charge and Questions Addressed

Part 2—Self Study Inquiry and Outcomes
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      2. Employer Surveys
   B. Student Engagement
      1. National Survey of Student Engagement
      2. Data on Clubs/Organizations
   C. Student Retention
      1. Retention Reports
      2. In Migration/Out Migration Data
      3. Barrier Courses
II. The ViSTA Model of Institutional Assessment and the Assessment of Student Learning
   A. Curricular Planning and Resource Allocation
      1. NJIT Strategic Plan
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      2. College Strategic Plans
         a) Tactics and Metrics
         b) Accountability
      3. Department Heads
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III. Towards a Cohesive Plan for the Measurement of Learning Ability
   A. Campus Support for Assessment of Student Learning
      1. NJIT Strategic Plan Sub-Committee on Outcomes Assessment
      2. NJIT Program Review Process: an Enhanced Model
      3. NJIT Learning Community Model
      4. NJIT Information Literacy Plan
      5. Core Competences Research Group
      6. Voluntary System of Accountability
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B. Ensuring Consistency of Knowledge and Skills with NJIT Mission

1. Sub-Committee on Outcomes Assessment
   a) NJIT Core Values
   b) Institutional Level Goals
   c) Core Competencies
   d) Program Review Process
      a. Program Cycle
      b. One-Page Program Review Reports for Six Review Metrics
      c. Detailed Periodic Program Review

2. Office of Institutional Research and Planning
   a) Alumni Surveys
   b) Employer Surveys

3. Investigation of Student Performance on Core Competencies
   a) Reading Writing and Critical Thinking
   b) Quantitative Reasoning
   c) Information Literacy

4. NJIT Rank in College and University Salary Survey

5. Department Senior Exit Surveys

C. Assessment of GUR through Performance Based Measures

1. NJIT Strategic Plan Sub-Committee on Outcomes Assessment

2. Voluntary System of Accountability
   a) ETSiCT
   b) ETS Proficiency Profile

3. Core Competencies Research Group: Systematic Assessment of:
   a) Reading Writing and Critical Thinking
   b) Quantitative Reasoning
   c) Information Literacy

IV. Outcomes Assessment within the NJIT Colleges

A. Newark College of Engineering and the Accreditation Board for Engineering and Technology
   1. Accreditation Reports
   2. Results and Actions

B. The College of Architecture and Design and the National Architectural Accrediting Board
   1. Accreditation Reports
   2. Results and Actions

C. The School of Management and the Association to Advance Collegiate Schools of Business
   1. Accreditation Reports
   2. Results and Actions

D. The College of Computing Sciences and the Accreditation Board for Engineering and Technology
   1. Accreditation Reports
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E. The College of Science and Liberal Arts and *The Strategic Plan for the College of Science and Liberal Arts, 2009-2014.*

F. The Albert Dorman Honors College Strategic Planning Process

V. Innovative Outcomes Research in Student Performance

A. Core Competencies Research Group
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C. Kepler System
D. Portfolio Studies
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   3. Graduate Curricular Changes Approved by Graduate Council
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   1. Center for First Year Students
   2. Placement Exams
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C. Using Outcomes Assessment to Improve Instruction
   1. TLT: Moodle, Wimba Clickers
   2. Distance Learning
D. Using Learning Outcomes to Increase Student Engagement
   1. National Survey of Student Engagement
   2. Student Feedback Sessions
      a) All Departments
      b) Information Summarized in Vector
   3. Common Hours
   4. Connections Miniversity
   5. First-Year Seminar
E. Using Learning Outcomes to Increase Student Retention
   1. Office of Institutional Research and Planning
      a) Retention Reports
      b) In Migration/Out Migration Data
      c) Barrier Courses
   2. CAPE
   3. Murray Center
   4. Learning Communities
   5. Strengthened Advisement Process

Part 3—Critical Analysis and Conclusions

Part 4—Collaboration with other Working Groups
Part 5—Recommendations for Improvement