Report: Graduating Student Survey Spring 2002

August 2002

Office of Institutional Research and Planning
New Jersey Institute of Technology
Summary of Major Findings

Goals Met

- Graduates have successfully met all thirteen goals in attending NJIT. The item mean scores range from satisfactory to extremely well.
- Goals that have been most successfully met include obtaining a degree, meeting the academic requirements for graduate school, and develop an awareness and appreciation of science and technology.
- The findings of the 2002 graduate survey is similar to the 2000 survey except that the obtain a degree item was significantly lower for the 2002 graduates.
- Success in meeting goals appears to vary by school. SOA graduates feel strongest about preparation for first career.
- Males felt more positive about meeting their goals. Females were significantly less strong about the following goals: develop a new career, discover vocational interest, improve ability to make money, develop an understanding and appreciation of science/technology, improve self-image, simply learn, and improve professional status.
- Transfer students felt about the same as non-transfer students at reaching their goals. They reported, however, significantly positive scores on the following three items: develop a new career, discover vocational interest, and attain skills that would be useful on a job.

Development of Knowledge and Skills at NJIT

- Graduates report that they have improved in all 15 areas of competence. The highest ratings are problem solving, professional and ethical responsibilities, and computer skills.
- Some specific skill gains reported by graduates vary by school. Strongest gains in computer skills and problem solving are found in CCS. Strongest gains in math and humanities and social sciences are reported for NCE. Strongest gains in program specific-skills and computer skills occur for SOA. Management graduates are generally very positive about teamwork skills. CSLA students have the strongest reservations about skills in the humanities and social sciences in general.
- Males are generally more positive about the development of knowledge and skills. However, females reported less positive responses for four items (science, math, computer skills, and problem solving) that were statistically significant.

Assessment of Academic Programs and Student Services

- Graduate assessment of academic programs and student services is generally positive (overall mean score =3.31). This is a .10 increase from the 2000 Graduating Survey and is .06 higher than the overall satisfaction mean for the Spring 2002 Student Satisfaction survey.
- The highest rankings occur for the safety and security of the campus, helpfulness of librarians, the value of course content within the major, NJIT contribution to personal growth and development, variety of instructional approaches, variety of courses offered, and overall quality of instruction. Negative rankings (below satisfactory) occur for three factors, including helpfulness of financial advising services, concern shown for the individual, and
general condition of the campus. 2002 graduates tend to be more generally satisfied compared to 2000 graduates. The higher mean scores for 2002 items that are statistically significant include: variety of instructional approaches, variety of courses offered at NJIT, campus climate, and safety and security on campus.

• Satisfaction ratings for this sample vary by school. NCE (overall mean score =3.36) and CCS (overall mean score=3.34) graduates are most satisfied, and CSLA graduates (overall mean score=2.97) are least satisfied.

• Male graduates appear to be more generally satisfied, but females are significantly less satisfied on three aspects of their experience at NJIT, which include: the variety in types of instructional approaches used, helpfulness of librarians, and safety and security of campus.

• The satisfaction means for transfer students (overall mean score=3.20) is about the same as non-transfer students (overall mean score=3.17). Two items were significantly positive: value of course content within major and variety of courses offered at NJIT.

**General Recommendations and Overall Experience**

• Eighty percent of graduates report that they *would recommend* NJIT to other students.

• In assessing their experience at NJIT, 13 percent describe it as *excellent*, 34 percent describe it as *very satisfying*, and 35 percent describe it as *satisfying*. Five percent report having had a *poor* experience, and 13 percent say it was *fair*.

**Employment and Educational Status and Plans**

• Fifty percent of graduates have obtained full-time employment at the time of graduation. This is down 12 percent from the 2000 survey. Eleven percent are working part-time. Thirty two percent are not employed and are seeking employment, which is a 14 percent increase from the 2000 survey.

• Of those graduates who are employed, close to 80 percent are working in fields directly related to the academic program. The majority (45%) obtained their position by networking.

• Better than 75 percent of working graduates are earning above $30,000. Thirty-five percent are earning $60,000 or more per year. This is a 6 percent increase from the 2002 survey.

• Forty-eight percent of graduates are enrolled in graduate programs and sixty percent are beginning the advanced course of study within a year. Another eighteen percent are enrolled, or expect to be enrolled, in continuing education or technical courses within the year.

• Of graduates enrolled in graduate programs, 40 percent are continuing at NJIT. For those continuing their education at another institution, the top two reported schools are Rutgers University and Columbia University.
Table of Contents

Procedures and Sampling Description, 1

Section I: Goals Met
- Student Mean Ratings of How Well Goals Were Met at NJIT, 4
- Student Mean Ratings of How Well Goals Were Met at NJIT by Year, 5
- Student Mean Ratings of How Well Goals Were Met at NJIT by School, 6
- Student Mean Ratings of How Well Goals Were Met at NJIT by Gender, 7
- Student Mean Ratings of How Well Goals Were Met at NJIT by Transfer Status, 8
- Comparison of Freshman Ratings on Importance Goals with Graduate Ratings on the Extent to which Goals Have Been Achieved, 9

Section II: Development of Knowledge and Skills at NJIT
- Mean Scores of Graduate Assessment of Own Development at NJIT, 11
- Mean Scores of Graduate Assessment of Own Development at NJIT by Year, 12
- Mean Scores of Graduate Assessment of Own Development at NJIT by School, 13
- Mean Scores of Graduate Assessment of Own Development at NJIT by Gender, 14
- Mean Scores of Graduate Assessment of Own Development at NJIT by Transfer Status, 15

Section III: Assessment of Academic Programs and Student Services
- Mean Graduate Satisfaction Scores, 17
- Mean Graduate Satisfaction Scores by Year, 18
- Mean Graduate Satisfaction Scores by School, 19
- Mean Graduate Satisfaction Scores by Gender, 20
- Mean Graduate Satisfaction Scores by Transfer Status, 21
- Comparison of Graduate Student Ratings with Student Satisfaction Ratings for items rated on both Surveys, 22

Section IV: General Recommendation and Overall Experience
- Q-53: Would you recommend NJIT to a friend?, 24
- Q-54: Overall, my experience at NJIT has been, 24

Section V: Employment and Educational Status and Plans
- Q-55: What is your current employment status? 26
- Q-56: Salary Level of Working Graduates, 26
- Q-57: Was your coursework at NJIT related to your field of employment?, 27
- Q-58: How did you obtain your position?, 27
- Q-60: Educational Plans, 28
- Q-61: Do you plan to enroll within?, 28
- Q-63: What do you expect your enrollment status in the 2002/2003 school year to be?, 29
- Q-64: Are you planning to take a licensing certification?, 29
- Q-66: If you plan to take a more advanced degree which college or university would you most like to attend?, 30

Appendix
- Q-59: Employment Data, 33
- Q-67: If you are planning to attend college after graduation, but not NJIT; why not?, 38
Procedures and Sampling Description

Background

The Office of Institutional Research and Planning has instituted a series of surveys of students and alumni that allow ongoing feedback from students, graduates and alumni about their experiences at NJIT. Specifically, students are surveyed at enrollment, during the spring semester regarding student satisfaction, and at graduation, as well as within 3 years from graduation when they are alumni. A core of common questions are asked across surveys that permit tracking of student opinion across time at NJIT. This report summarizes the results of the second administration of the graduating student survey. It also includes a comparison to the Graduating Student 2000 survey as well as comparisons to the most recent enrolling and student satisfaction survey results.

Methodology

All students who graduated in the academic year 2001-2002 were mailed survey forms in April 2002. The registrar provided the names and addresses for graduating students. A cover letter asked students to reflect on their careers at NJIT, complete the form, and return the form to the Office of Institutional Research and Planning within three weeks. A stamped, pre-addressed envelope was provided. Opscan forms were electronically read into an SAS file using SCAN Shop and data were analyzed using SAS-PC.

Instrument

The instrument includes 80 items on an Opscan format. There are scaled items relating to achievement of goals, self-assessment of acquired skills and knowledge, and 23 items evaluating academic programs and student services. Graduates are also asked to describe current employment and educational plans and expectations. The final 13 items provide demographic information about respondents.

Limitations

The study was conducted on a mailed survey, and responses therefore represent a self-selected sample. Although a sample return of 18 percent, achieved on spring graduates, exceeds mailed survey expectations, results are not reported for a random sample, and therefore representativeness cannot be assumed. The sample does, however, appear to reflect the general composition of the population of total graduates on numerous demographic factors. The reliability of the results, therefore, is supported by the sample profile.

Sample

The sample consists of 248 graduates. This includes 17.9% (n=145) of spring graduates and 13.5%(n=86) of January graduates (5 students did not indicate graduation month). The figure on page 2 describes the sample and compares it with the demographic composition of the graduates.
## Graduating Sample and Actual Graduates

<table>
<thead>
<tr>
<th>School</th>
<th>Graduating Sample</th>
<th>Total Fall/Spring Graduations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(n=248)</td>
<td>(n=1451)</td>
</tr>
<tr>
<td></td>
<td>percent</td>
<td></td>
</tr>
<tr>
<td>New Jersey School of Architecture</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>Newark College of Engineering</td>
<td>44</td>
<td>40</td>
</tr>
<tr>
<td>School of Management</td>
<td>13</td>
<td>12</td>
</tr>
<tr>
<td>College of Science and Liberal Arts</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td>College of Computing Sciences</td>
<td>25</td>
<td>35</td>
</tr>
<tr>
<td>Unknown</td>
<td>4</td>
<td>1</td>
</tr>
</tbody>
</table>

### Degree Level

<table>
<thead>
<tr>
<th>Degree Level</th>
<th>Graduating Sample</th>
<th>Total Fall/Spring Graduations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor's Degree</td>
<td>49</td>
<td>48</td>
</tr>
<tr>
<td>Master's Degree</td>
<td>48</td>
<td>48</td>
</tr>
<tr>
<td>Ph.D.</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>PBC</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

### Gender

<table>
<thead>
<tr>
<th>Gender</th>
<th>Graduating Sample</th>
<th>Total Fall/Spring Graduations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>72</td>
<td>74</td>
</tr>
<tr>
<td>Female</td>
<td>28</td>
<td>26</td>
</tr>
</tbody>
</table>

### Status

<table>
<thead>
<tr>
<th>Status</th>
<th>Graduating Sample</th>
<th>Total Fall/Spring Graduations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Native students</td>
<td>73</td>
<td>78</td>
</tr>
<tr>
<td>Transfer student</td>
<td>27</td>
<td>22</td>
</tr>
</tbody>
</table>
Section I: Goals Met
Student Mean Ratings of How Well Goals Were Met at NJIT (n=248)

- Obtain a certificate or degree: 4.07
- Meet the academic requirements for graduate school: 3.83
- Develop an awareness and appreciation of science and technology: 3.76
- Simply learn: 3.69
- Improve professional status: 3.69
- Improve self-image: 3.59
- Attain skills that would be useful on the job: 3.57
- Prepare for first career: 3.52
- Develop a new career: 3.50
- Increase awareness of different philosophies, cultures and ways of life: 3.46
- Improve ability to make more money: 3.44
- Discover vocational interest: 3.22
- Learn how to participate effectively in the community: 3.07

(Scale: 1=low, 5=high)
Student Mean Ratings of How Well Goals Were Met at NJIT by Year (n=248)

- Obtain a certificate or degree: 4.22
- Meet the academic requirements for graduate school: 3.83
- Develop an awareness and appreciation of science and technology: 3.72
- Simply learn: 3.74
- Improve professional status: 3.78
- Improve self-image: 3.6
- Attain skills that would be useful on the job: 3.62
- Prepare for first career: 3.45
- Develop a new career: 3.51
- Increase awareness of different philosophies, cultures and ways of life: 3.41
- Improve ability to make more money: 3.54
- Discover vocational interest: 3.17
- Learn how to participate effectively in the community: 3.06

(Scale: 1=low, 5=high)

*Statistically Significant p=<.05
Student Mean Ratings of How Well Goals Were Met at NJIT by School (n=248)

- Improve professional status
- Simply learn
- Improve self-image
- Develop an awareness and appreciation of science and technology
- Learn how to participate effectively in the community
- Improve ability to make more money
- Increase awareness of different philosophies, cultures and ways of life
- Meet the academic requirements for graduate school
- Attain skills that would be useful on the job
- Discover vocational interest
- Develop a new career
- Prepare for first career
- Obtain a certificate or degree

(Scale: 1=low, 5=high)

* CCS created in Fall 2001
Student Mean Ratings of How Well Goals Were Met at NJIT by Gender (n=248)

- **Obtain a certificate or degree**: 3.99 (Female), 4.1 (Male)
- **Meet the academic requirements for graduate school**: 3.8 (Female), 3.84 (Male)
- **Develop an awareness and appreciation of science and technology**: 3.55 (Female), 3.86 (Male)
- **Simply learn**: 3.47 (Female), 3.78 (Male)
- **Improve professional status**: 3.5 (Female), 3.78 (Male)
- **Improve self-image**: 3.37 (Female), 3.67 (Male)
- **Attain skills that would be useful on the job**: 3.51 (Female), 3.63 (Male)
- **Prepare for first career**: 3.41 (Female), 3.57 (Male)
- **Develop a new career**: 3.29 (Female), 3.59 (Male)
- **Increase awareness of different philosophies, cultures and ways of life**: 3.35 (Female), 3.52 (Male)
- **Improve ability to make more money**: 3.2 (Female), 3.55 (Male)
- **Discover vocational interest**: 2.98 (Female), 3.33 (Male)
- **Learn how to participate effectively in the community**: 3.05 (Female), 3.09 (Male)

(Scale: 1=low, 5=high)
*Statistically Significant p<.05
Student Mean Ratings of How Well Goals Were Met at NJIT by Transfer Status (n=248)

<table>
<thead>
<tr>
<th>Goal</th>
<th>Non Transfer</th>
<th>Transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obtain a certificate or degree</td>
<td></td>
<td>4.05</td>
</tr>
<tr>
<td>Meet the academic requirements for graduate school</td>
<td></td>
<td>3.82</td>
</tr>
<tr>
<td>Develop an awareness and appreciation of science and technology</td>
<td></td>
<td>3.74</td>
</tr>
<tr>
<td>Simply learn</td>
<td></td>
<td>3.69</td>
</tr>
<tr>
<td>Improve professional status</td>
<td></td>
<td>3.68</td>
</tr>
<tr>
<td>Improve self-image</td>
<td></td>
<td>3.58</td>
</tr>
<tr>
<td>Attain skills that would be useful on the job</td>
<td>3.79</td>
<td>*</td>
</tr>
<tr>
<td>Prepare for first career</td>
<td>3.67</td>
<td></td>
</tr>
<tr>
<td>Increase awareness of different philosophies, cultures and ways of life</td>
<td>3.81</td>
<td></td>
</tr>
<tr>
<td>Develop a new career</td>
<td></td>
<td>3.39</td>
</tr>
<tr>
<td>Improve ability to make more money</td>
<td></td>
<td>3.57</td>
</tr>
<tr>
<td>Discover vocational interest</td>
<td></td>
<td>3.58</td>
</tr>
<tr>
<td>Learn how to participate effectively in the community</td>
<td>3.17</td>
<td></td>
</tr>
</tbody>
</table>

(Scale: 1=low, 5=high)

*Statistically Significant p<.05
**Comparison of Freshman Ratings on Importance Goals with Graduate Ratings on the Extent to which Goals Have Been Achieved**

<table>
<thead>
<tr>
<th>Goal</th>
<th>Fall 2001 Entering Student Survey Rating</th>
<th>Spring 2002 Graduating Student Survey Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obtain a certificate or degree</td>
<td>4.70</td>
<td>4.07</td>
</tr>
<tr>
<td>Meet the academic requirements for graduate school</td>
<td>3.90</td>
<td>3.83</td>
</tr>
<tr>
<td>Improve professional status</td>
<td>4.00</td>
<td>3.69</td>
</tr>
<tr>
<td>Simply learn</td>
<td>3.90</td>
<td>3.69</td>
</tr>
<tr>
<td>Develop an understanding and appreciation of science/technology</td>
<td>3.60</td>
<td>3.76</td>
</tr>
<tr>
<td>Attain skills that will be useful on the job</td>
<td>4.50</td>
<td>3.57</td>
</tr>
<tr>
<td>Improve self image</td>
<td>3.30</td>
<td>3.59</td>
</tr>
<tr>
<td>Improve ability to make more money</td>
<td>4.10</td>
<td>3.44</td>
</tr>
<tr>
<td>Increase awareness of different philosophies, cultures and ways of life</td>
<td>2.90</td>
<td>3.46</td>
</tr>
<tr>
<td>Discover vocational interests</td>
<td>3.40</td>
<td>3.22</td>
</tr>
<tr>
<td>Participate more effectively as a citizen in the community</td>
<td>3.10</td>
<td>3.07</td>
</tr>
</tbody>
</table>
Section II: Development of Knowledge and Skills at NJIT
Mean Scores of Graduate Assessment of Own Development at NJIT (n=248)

(Scale: 1=low, 5=high)
Mean Scores of Graduate Assessment of Own Development at NJIT by Year (n=248)


(Scale: 1=low, 5=high)
Mean Scores of Graduate Assessment of Own Development at NJIT by School (n=248)

1 2 3 4 5

Humanities/social sciences

Written communication

Interpersonal communication

Teamwork skills

Oral communication

Current technologies

Creative thinking

Science

Appreciation of need for life-long learning

Program-specific skills

Computer skills

Math

Professional and ethical responsibilities

Problem solving

Apply program specific skills

(Scale: 1=low, 5=high)

* CSS created in Fall 2001

CCS*

CSLA

SOM

NCE

SOA
Mean Scores of Graduate Assessment of Own Development at NJIT by Gender (n=248)

(Scale: 1=low, 5=high)

*Statistically Significant p=<.05
Mean Scores of Graduate Assessment of Own Development at NJIT by Transfer Status (n=248)

(Scale: 1=low, 5=high)
Section III: Assessment of Academic Programs and Student Services
Mean Graduate Satisfaction Scores (n=248)

- Safety and security of campus: 3.76
- Helpfulness of librarians: 3.68
- Own preparation for further academic study: 3.61
- Value of course content within the major: 3.55
- NJIT contribution to personal growth/development: 3.52
- Variety of instructional approaches: 3.51
- Variety of courses offered: 3.51
- Overall quality of instruction: 3.48
- Availability of library services and materials: 3.46
- Own preparation to enter the job market: 3.44
- Responsiveness to diverse population: 3.41
- Accessibility of faculty members to students: 3.4
- Helpfulness of registration services: 3.29
- Quality of academic advisement: 3.21
- Reasonableness of billing practices: 3.15
- Quality of personal counseling services: 3.1
- Quality of tutoring services: 3.09
- Campus climate: 3.05
- Availability of career planning and placement: 3.04
- Opportunities for satisfying student activities: 3.0
- General condition of campus: 2.95
- Concern for the individual: 2.91
- Helpfulness of financial advising services: 2.82

(Scale: 1=low, 5=high)
Mean Graduate Satisfaction Scores by Year (n=248)

<table>
<thead>
<tr>
<th>Category</th>
<th>2002</th>
<th>2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety and security of campus</td>
<td>3.61</td>
<td>3.50</td>
</tr>
<tr>
<td>Helpfulness of librarians</td>
<td>3.65</td>
<td>3.60</td>
</tr>
<tr>
<td>Own preparation for further academic study</td>
<td>3.61</td>
<td>3.50</td>
</tr>
<tr>
<td>Value of course content within the major</td>
<td>3.55</td>
<td>3.58</td>
</tr>
<tr>
<td>NJIT contribution to personal growth/development</td>
<td>3.52</td>
<td>3.51</td>
</tr>
<tr>
<td>Variety of instructional approaches</td>
<td>3.51</td>
<td>3.44</td>
</tr>
<tr>
<td>Variety of courses offered</td>
<td>3.51</td>
<td>3.44</td>
</tr>
<tr>
<td>Overall quality of instruction</td>
<td>3.48</td>
<td>3.40</td>
</tr>
<tr>
<td>Availability of library services and materials</td>
<td>3.46</td>
<td>3.36</td>
</tr>
<tr>
<td>Own preparation to enter the job market</td>
<td>3.44</td>
<td>3.50</td>
</tr>
<tr>
<td>Responsiveness to diverse population</td>
<td>3.41</td>
<td>3.33</td>
</tr>
<tr>
<td>Accessibility of faculty members to students</td>
<td>3.4</td>
<td>3.30</td>
</tr>
<tr>
<td>Helpfulness of registration services</td>
<td>3.29</td>
<td>3.21</td>
</tr>
<tr>
<td>Quality of academic advisement</td>
<td>3.21</td>
<td>3.21</td>
</tr>
<tr>
<td>Reasonableness of billing practices</td>
<td>3.15</td>
<td>3.04</td>
</tr>
<tr>
<td>Quality of personal counseling services</td>
<td>3.1</td>
<td>3.05</td>
</tr>
<tr>
<td>Quality of tutoring services</td>
<td>3.09</td>
<td>3.00</td>
</tr>
<tr>
<td>Campus climate</td>
<td>2.95</td>
<td>2.85</td>
</tr>
<tr>
<td>Availability of career planning and placement</td>
<td>3.01</td>
<td>3.04</td>
</tr>
<tr>
<td>Opportunities for satisfying student activities</td>
<td>3.01</td>
<td>3.04</td>
</tr>
<tr>
<td>General condition of campus</td>
<td>2.95</td>
<td>2.91</td>
</tr>
<tr>
<td>Concern for the individual</td>
<td>2.91</td>
<td>2.76</td>
</tr>
<tr>
<td>Helpfulness of financial advising services</td>
<td>2.82</td>
<td>2.72</td>
</tr>
</tbody>
</table>

(Scale: 1=low, 5=high)
*Statistically Significant p=<.05
Mean Graduate Satisfaction Scores by School (n=248)

- Helpfulness of librarians
- Safety and security of campus
- Value of course content within the major
- NJIT contribution to personal growth/development
- Own preparation to enter the job market
- Own preparation for further academic study
- Overall quality of instruction
- Availability of library services and materials
- Variety of instructional approaches
- Responsiveness to diverse population
- Accessibility of faculty members to students
- Variety of courses offered
- Helpfulness of registration services
- Availability of career planning and placement
- Reasonableness of billing practices
- Quality of academic advisement
- Quality of tutoring services
- Quality of personal counseling services
- General condition of campus
- Opportunities for satisfying student activities
- Campus climate
- Concern for the individual
- Helpfulness of financial advising services

(Scale: 1=low, 5=high)

* CCS created in Fall 2001
Mean Graduate Student Satisfaction Scores by Transfer Status (n=248)

<table>
<thead>
<tr>
<th>Category</th>
<th>NonTransfer</th>
<th>Transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety and security of campus</td>
<td>3.72</td>
<td>3.85</td>
</tr>
<tr>
<td>Helpfulness of librarians</td>
<td>3.64</td>
<td>3.79</td>
</tr>
<tr>
<td>Own preparation for further academic study</td>
<td>3.56</td>
<td>3.73</td>
</tr>
<tr>
<td>NJIT contribution to personal growth/development</td>
<td>3.49</td>
<td>3.59</td>
</tr>
<tr>
<td>Value of course content within the major</td>
<td>3.46</td>
<td>3.79</td>
</tr>
<tr>
<td>Variety of instructional approaches</td>
<td>3.64</td>
<td>3.64</td>
</tr>
<tr>
<td>Overall quality of instruction</td>
<td>3.45</td>
<td>3.57</td>
</tr>
<tr>
<td>Variety of courses offered</td>
<td>3.43</td>
<td>3.72</td>
</tr>
<tr>
<td>Responsiveness to diverse population</td>
<td>3.43</td>
<td>3.34</td>
</tr>
<tr>
<td>Availability of library services and materials</td>
<td>3.40</td>
<td>3.63</td>
</tr>
<tr>
<td>Own preparation to enter the job market</td>
<td>3.40</td>
<td>3.54</td>
</tr>
<tr>
<td>Accessibility of faculty members to students</td>
<td>3.46</td>
<td>3.49</td>
</tr>
<tr>
<td>Helpfulness of registration services</td>
<td>3.34</td>
<td>3.49</td>
</tr>
<tr>
<td>Quality of academic advisement</td>
<td>3.18</td>
<td>3.33</td>
</tr>
<tr>
<td>Reasonableness of billing practices</td>
<td>3.13</td>
<td>3.18</td>
</tr>
<tr>
<td>Quality of tutoring services</td>
<td>3.08</td>
<td>3.13</td>
</tr>
<tr>
<td>Quality of personal counseling services</td>
<td>3.04</td>
<td>3.23</td>
</tr>
<tr>
<td>Campus climate</td>
<td>2.99</td>
<td>3.19</td>
</tr>
<tr>
<td>Availability of career planning and placement</td>
<td>2.99</td>
<td>3.17</td>
</tr>
<tr>
<td>Opportunities for satisfying student activities</td>
<td>2.96</td>
<td>3.11</td>
</tr>
<tr>
<td>General condition of campus</td>
<td>2.90</td>
<td>3.09</td>
</tr>
<tr>
<td>Concern for the individual</td>
<td>2.89</td>
<td>2.95</td>
</tr>
<tr>
<td>Helpfulness of financial advising services</td>
<td>2.79</td>
<td>2.9</td>
</tr>
</tbody>
</table>

*Statistically Significant p=<.05
Comparison of Graduate Student Ratings with Student Satisfaction Ratings for Items rated on both Surveys

<table>
<thead>
<tr>
<th></th>
<th>Spring 2002 Graduating Student Survey Rating</th>
<th>Spring 2002 Student Satisfaction Survey Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Helpfulness of librarians</td>
<td>3.68</td>
<td>3.01</td>
</tr>
<tr>
<td>Safety and security of campus</td>
<td>3.76</td>
<td>3.86</td>
</tr>
<tr>
<td>Value of course content within the major</td>
<td>3.55</td>
<td>3.58</td>
</tr>
<tr>
<td>Overall quality of instruction</td>
<td>3.48</td>
<td>3.44</td>
</tr>
<tr>
<td>Accessibility of faculty members to students</td>
<td>3.40</td>
<td>3.22</td>
</tr>
<tr>
<td>Reasonableness of billing practices</td>
<td>3.15</td>
<td>3.14</td>
</tr>
<tr>
<td>Quality of academic advisement</td>
<td>3.21</td>
<td>3.27</td>
</tr>
<tr>
<td>General condition of campus</td>
<td>2.95</td>
<td>3.08</td>
</tr>
<tr>
<td>Opportunities for satisfying student activities</td>
<td>3.00</td>
<td>2.72</td>
</tr>
<tr>
<td>Campus climate</td>
<td>3.05</td>
<td>2.35</td>
</tr>
<tr>
<td>Overall satisfaction</td>
<td>3.31</td>
<td>3.25</td>
</tr>
</tbody>
</table>
Section IV: General Recommendation and Overall Experience
Q-53: Would you recommend NJIT to a friend?

- Yes: 80%
- No: 20%

Q-54: Overall, my experience at NJIT has been:

- Poor: 13%
- Fair: 5%
- Satisfactory: 34%
- Very Satisfactory: 35%
- Excellent: 13%
Section V: Employment and Educational Status and Plans
Q-55: What is your current employment status?

- Employed full-time: 50%
- Employed part-time: 5%
- Not employed, seeking work: 32%
- Not employed, not seeking work: 11%
- Other: 2%

Q-56: Salary Level of Working Graduates

- Under $10,000: 16%
- $10,001 to 20,000: 14%
- $20,001 to 30,000: 10%
- $30,001 to 40,000: 11%
- $40,001 to 50,000: 7%
- $50,001 to 60,000: 7%
- $60,001 or over: 35%
Q-57: Was your coursework at NJIT related to your field of employment?

- Yes: 78%
- No: 22%

Q-58: How did you obtain your position?

- Office of Career Development: 45%
- Through your NJIT Professors: 16%
- Through Career Events Sponsored at NJIT: 11%
- Employment Want Ads: 13%
- Personal Networking: 4%
- Internet: 4%
- Other: 7%
Q-60: Educational Plans

- Enroll in Grad Class: 48%
- Enroll in Undergrad Class: 33%
- Enroll in Continuing Ed Class: 10%
- Enroll in Tech Course: 8%
- No Educational Plans: 1%

Q-61: Do you plan to enroll within?

- next 6 months: 31%
- after 6 months: 40%
- after 1 year: 16%
- Do not know: 13%
Q-63: What do you expect your enrollment status in the 2002/2003 school year to be?

- Enrolled: 40%
- Not Enrolled: 60%

Q-64: Are you planning to take a licensing certification?

- Yes: 44%
- No: 56%
Q-66: If you plan to take a more advanced degree which college or university would you most like to attend?

- 60% Other
- 40% NJIT
Q-66: If you are planning to attend a college after graduation, other than NJIT, which would you attend?

<table>
<thead>
<tr>
<th>Name of College</th>
<th># of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rutgers University</td>
<td>17</td>
</tr>
<tr>
<td>Columbia University</td>
<td>9</td>
</tr>
<tr>
<td>New York State University</td>
<td>5</td>
</tr>
<tr>
<td>Massachusetts Institute of Technology</td>
<td>4</td>
</tr>
<tr>
<td>Monmouth University</td>
<td>4</td>
</tr>
<tr>
<td>University of Pennsylvania</td>
<td>4</td>
</tr>
<tr>
<td>Princeton University</td>
<td>3</td>
</tr>
<tr>
<td>Business School</td>
<td>2</td>
</tr>
<tr>
<td>Duke University</td>
<td>2</td>
</tr>
<tr>
<td>Law School</td>
<td>2</td>
</tr>
<tr>
<td>New Jersey Medical School</td>
<td>2</td>
</tr>
<tr>
<td>Private School</td>
<td>2</td>
</tr>
<tr>
<td>Stanford University</td>
<td>2</td>
</tr>
<tr>
<td>Stern University</td>
<td>2</td>
</tr>
<tr>
<td>Stevens Institute of Technology</td>
<td>2</td>
</tr>
<tr>
<td>Virginia Institute of Technology</td>
<td>2</td>
</tr>
<tr>
<td>Brooklyn Polytechnic</td>
<td>1</td>
</tr>
<tr>
<td>Carnegie</td>
<td>1</td>
</tr>
<tr>
<td>Cornell University</td>
<td>1</td>
</tr>
<tr>
<td>Drexel University</td>
<td>1</td>
</tr>
<tr>
<td>ESG</td>
<td>1</td>
</tr>
<tr>
<td>Fairleigh Dickinson University</td>
<td>1</td>
</tr>
<tr>
<td>Georgia Institute of Technology</td>
<td>1</td>
</tr>
<tr>
<td>Harvard University</td>
<td>1</td>
</tr>
<tr>
<td>MCCC</td>
<td>1</td>
</tr>
<tr>
<td>McMaster University</td>
<td>1</td>
</tr>
<tr>
<td>Montclair State University</td>
<td>1</td>
</tr>
<tr>
<td>New Jersey Community College</td>
<td>1</td>
</tr>
<tr>
<td>North Carolina State</td>
<td>1</td>
</tr>
<tr>
<td>University of Pennsylvania</td>
<td>1</td>
</tr>
<tr>
<td>Mt. Rushmore University</td>
<td>1</td>
</tr>
<tr>
<td>Seton Hall University</td>
<td>1</td>
</tr>
<tr>
<td>Southern California School of Architecture</td>
<td>1</td>
</tr>
<tr>
<td>UC Berkley</td>
<td>1</td>
</tr>
<tr>
<td>UC Davis</td>
<td>1</td>
</tr>
<tr>
<td>UCLA</td>
<td>1</td>
</tr>
<tr>
<td>UIUC</td>
<td>1</td>
</tr>
<tr>
<td>UMDNJ</td>
<td>1</td>
</tr>
<tr>
<td>University of Arizona</td>
<td>1</td>
</tr>
<tr>
<td>University of Connecticut</td>
<td>1</td>
</tr>
<tr>
<td>University of Houston</td>
<td>1</td>
</tr>
<tr>
<td>University of Phoenix</td>
<td>1</td>
</tr>
<tr>
<td>University of Phoenix</td>
<td>1</td>
</tr>
<tr>
<td>University of Thailand</td>
<td>1</td>
</tr>
<tr>
<td>USC</td>
<td>1</td>
</tr>
<tr>
<td>Wharton</td>
<td>1</td>
</tr>
<tr>
<td>Yale University</td>
<td>1</td>
</tr>
</tbody>
</table>

**TOTAL:** 94
Appendix
Q-59: Employment Data:

1) Network Engineer
   NJ Transit
   1 Penn Plaza
   (973) 491-7742

2) Substitute Teacher K-12
   Woodbridge School District

3) Quality Assurance Engineer
   Open Con System, Inc
   377 Hose line

4) Electrical Engineer
   US Army Communication
   Electronics Command (CECOM)
   Ft. Monmouth, NJ

5) Database Administrator II
   Siemens Fire Safety

6) Science High School Teacher

7) Software Engineer
   Glemser Technologies Corp.
   60 W. Broad St.
   Bethlehem, PA
   (610) 317-9400

8) Account Manager

9) Chemist
   Lock head Martin
   Edison, NJ
   (732) 548-4686

10) Financial Consultant
    AXA Advisors
    1290 6th Ave,
    NY, NY 10104
    (212) 314-3418

11) Posen Architects, LLC
    151 Rahway Ave.
    Elizabeth, NJ
    (908) 352-0234

12) Programmer
    DMI
    Castle Point on The Hudson
    Hoboken, NJ

13) IT Consultant
    Buck Consultants

14) Staff Engineer
    Merck & Co.
    Rahway, NJ
    (732) 594-0796

15) Highway Engineer
    Vollmer Associates
    305 Passaic St.
    Rochelle Park, NJ

16) Premium Accounting Specialist
    CHUBB Insurance Co.

17) Process Engineer Infineum

18) Facilities Engineering Manager
    Agere Systems/Lucent Technologies
    600 Mountain Ave.
    Murray Hill, NJ
    (908) 582-2212

19) Software Engineer TWI
    Cranford, NJ
    (908) 497-0300
<table>
<thead>
<tr>
<th>No.</th>
<th>Position</th>
<th>Company</th>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>20)</td>
<td>Database Manager</td>
<td>Tyco International</td>
<td></td>
<td>(973) 338-6680 x222</td>
</tr>
<tr>
<td>21)</td>
<td>Architectural Intern</td>
<td>Jarman Kizel Architects &amp; Engineers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22)</td>
<td>Sr. Systems Engineer</td>
<td>Motorola</td>
<td>85 Harristown Rd., Glen Rock, NJ</td>
<td>(732) 740-2147</td>
</tr>
<tr>
<td>23)</td>
<td>Engineer/Drafting/Sales</td>
<td>Skyline Steel Corp.</td>
<td>8 Wood hallow Rd., Parsippany, NJ</td>
<td>(973) 428-6100</td>
</tr>
<tr>
<td>24)</td>
<td>Environmental Science Intern</td>
<td>Science Applications International Corp.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25)</td>
<td>Architect Intern</td>
<td>Jarman Kizel Architects &amp; Engineers</td>
<td>Livingston, NJ</td>
<td>(973) 994-9669</td>
</tr>
<tr>
<td>26)</td>
<td>Senior Specialist Engineer</td>
<td>Boeing Commercial Airplanes</td>
<td>Seattle WA</td>
<td>(509) 674-8539</td>
</tr>
<tr>
<td>28)</td>
<td>Software Quality Engineer</td>
<td>Telcordia Technologies</td>
<td>444 Hoes Lane, 6R373</td>
<td></td>
</tr>
<tr>
<td>29)</td>
<td>Programmer</td>
<td>COMPUCOM Global Solutions</td>
<td>200 Perrine Rd., Suite 225</td>
<td>(732) 316-9305</td>
</tr>
<tr>
<td>30)</td>
<td>Software Engineer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31)</td>
<td>Machinist</td>
<td>J.JEB MFY Co.</td>
<td></td>
<td>(856) 845-4455</td>
</tr>
<tr>
<td>32)</td>
<td>Scientist</td>
<td>J.E. Edinger #609</td>
<td>983 Old Eagle School Rd.</td>
<td>(610) 293-0757</td>
</tr>
<tr>
<td>33)</td>
<td>Research Assistant</td>
<td>NJIT-College of Computing Sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34)</td>
<td>Consultant</td>
<td>IBM</td>
<td>Mt. Laurel, NJ</td>
<td>(856) 642-1978</td>
</tr>
<tr>
<td>35)</td>
<td>Software Engineer</td>
<td>Lucent Technologies</td>
<td>Whippany, NJ</td>
<td></td>
</tr>
<tr>
<td>36)</td>
<td>Dental Assistant</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37)</td>
<td>Sr. Software Engineer</td>
<td>Salomon Smith Barney</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
38) Engineer  
Louis Berger group  
110 Halsted St.  
East Orange, NJ  
(973) 678-1960

39) Programmer  
Global Computing Services Corp.

40) US Patient Examiner  
US Patent & Trade Market Office

41) Agent  
AFLAC  
Suffern, NY  
(845) 357-1442

42) Call Center Representative  
Dr. Leonard’s HealthCare Inc.

43) Crew Chief  
Kenderian-Zilinski Assoc.  
1955 Hwy 34 Wall, NJ  
(732) 282-2200

44) Quality Manager  
TYCO Telecommunications  
Eatontown, NJ

45) Engineer I  
Schoor Depalma Inc.  
160 Littleton Rd.  
Parsippany, NJ 07054  
(973) 299-7970

46) Intern Architect

47) Computer programmer  
AT&T  
Middletown, NJ  
(732) 420-4320

48) Computer tech  
Bellmawr Board of Education  
256 Anderson Ave.

49) Director-Financial Systems  
The Children’s Plane  
Secaucus, NJ  
(201) 558-2744

50) Structural Designer  
NK Architects  
95 Washington St  
Morristown, NJ 07960  
(973) 539-5353

51) Sr. Support Specialist

52) Instructor  
Council for Opportunity

53) Operations Manager  
Telecommunications

54) Professional Development Mgr.  
IBM  
Houston, TX 77056  
(713) 940-1000

55) Director of Education  
The Chubb Institute  
8 Sylvan Way  
Parsippany, NJ

56) Staff Engineer  
T&M Associates  
11 Tindell Rd.  
Middletown, NJ 07748  
(732) 671-6400

57) Senior Computer Analyst

58) Associate Sys. Project Manager  
Prudential Financial  
100 Mulberry St  
Newark, NJ
59) President
Earthskater Internet Engineering
www.earthskater.com
(888) 673-2322

60) Programmer
Kearfott Guidance and Navigation Corp.
Wayne, NJ

61) Network Engineer
Lockhead Martin
Mooresstown, NJ
(856) 722-6071

62) System Design Engineer
Fujitsm Network communication
2801 Telecom Pl.
Richemekm, TX 75082
(972) 678-6471

63) Electrical Engineer
M&E Engineers Inc.
26 West High St.
Summerville, NJ
(908) 536-5700

64) Electronics Engineer
US Army
Ft. Monmouth, NJ

65) Associate
Unify Networks-Mellon
Fort Lee, NJ

66) Sr. Validation Engineer
Schering Plough, Kenilworth,NJ

67) Design Engineer Intern
Bihler of America
SS Radington Rd.
N. Branch, NJ
(908) 732-7000

68) Software Engineer
Verizon
Freehold, NJ
732) 577-3839

69) Student Worker (Web-IT Technician), NJIT
University Heights, Newark
(973) 642-7975

70) Engineer
Panasonic
Secaucus, NJ

71) Senior Software Architect
PE Newswire
Jersey City, NJ
(201) 369-5067

72) GIS Data Manager
Tyco Telecommunication
10 Park Ave, Morristown, NJ
(973) 753-4868

73) Technical Supervisor
Sony Electronics
1501 Grundy’s Lane
(215) 826-4028

74) Sr. Software Engineer
Raytheon
FAA Technical Center
(609) 485-8572

75) Design Engineer
New Jersey Natural Gas Co.
1415 Wyckoff Rd. Wall, NJ 07719

76) Engineer I
HNIB Corp.
352 Seventh Ave., NY, NY
1001-5012
(212) 594-9717 x7008
<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Position</th>
<th>Organization</th>
<th>Address</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>77)</td>
<td>Engineer I 2\textsuperscript{nd} Lt Chief of Service Contracting</td>
<td>United States Air Force</td>
<td>Beale AFB, CA</td>
<td>(530) 634-2621</td>
<td></td>
</tr>
<tr>
<td>78)</td>
<td>Special Lecturer</td>
<td>NJIT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>79)</td>
<td>MIS Coordinator</td>
<td>Port Authority of New York And New Jersey</td>
<td>233 Park Ave South 8\textsuperscript{th} Floor</td>
<td>(212) 435-4211</td>
<td></td>
</tr>
<tr>
<td>80)</td>
<td>Keyer/Proofreader/Hardware Troubleshooter</td>
<td>G &amp; G Publishing</td>
<td>1600 Vauxhall Rd.</td>
<td>(908) 206-9599</td>
<td></td>
</tr>
</tbody>
</table>
Q-67: If you are planning to attend college after graduation, but not NJIT; why not?

1) Not theoretical enough.

2) I need some practical experience which NJIT do not offer.

3) Need a change of scenery.

4) NJIT’s instructors are completely out of tough with what is relevant to working in industry. They do not teach you how to design a thing, because they are quacks who have never designed a circuit in their lives!

5) Georgia Tech for PHD.

6) Because the dept. seems to have too strict of criteria in accepting students and it looks better on resume to have Rutgers cause it’s known nationwide.

7) Change of scenery.

8) As a forty four year old professional-Adjuncts and Professors continue to treat one as a younger student-insult to injury.

9) University of Phoenix offers online courses for your whole M.B.A.

10) Newark Location.

11) Depending on where I will be located.

12) Candidate Selection process at Rutgers is very competitive, which helps the school to maintain its reputation in the community.

13) Moving out of technical arena.

14) Would like to try a different place for a different experience.

15) More established program for a M.B.A. NJIT is more geared for technical skills and engineering, but not for business management.

16) NJIT does not specialize in management programs. Not that well known for MGMT.

17) Want to enter a top school.
18) Will possibly take additional statistics courses at Rutgers or Montclair that are not offered at NJIT.

19) Newark-bad location, bad/incompetent faculty, poor development of students in social/life skills, safety, food service, subjects not relevant to real life, BS program does not allow continuity towards MS without the bridge courses.

20) Computing services or system administration at NJIT is astonishingly poor, I am not confident in it. I was not allowed to log in to any computer last year, even though I complained many times. I wish NJIT to partially refund my tuition.

21) I want to enroll in university in Thailand to make condition.

22) Because you are not working as an educational institution, you look at the student as a customer you can get a lot of profit.

23) Unless I move to another state.

23) Horrible Environment, terrible professors, no value in courses or course material, dirty campus, overall emphasis on money rather than education.

25) Quality of Education at NJIT less than I expected.

26) I find the other better than NJIT in the new field of my study.

27) NJIT does not offer a PHD program that I need to take. I would love to continue with NJIT but the PHD programs are limited.

28) NJIT failed me as a Academic Institution and that is one experience I am never going to put myself through again.

29) Poor Education Experience.

30) Better name recognition; more student activities.

31) Too far.

32) NJIT does not offer a graduate program in financial engineering or actual science.

33) The MBA program at Columbia University is better.

34) Because NJIT does not have a good business program/management.

35) It is a lousy school.
36) Level of education is not as high as I expected.

37) NJIT is not a Dental School.

38) As per my experience department don’t understand need of student. Admissions don’t care about NJIT grad. Student. Example, one student completed BS in CIS and NJIT did not give him admission in MS program. Reason: GPA was low, where GPA was 3.6. I wanted to change my major from IS to CIS they did not allow me to do that. Result: they took me out from IS.

39) NJIT does not offer the program I’m interested. Besides, I wish to change the study environment.

40) New atmosphere, different professors for different views, relocation possible.

41) Academic reason.

42) At NJIT student do not get any support from the professor since they are busy with their research most of the time.

43) Rutgers and NJIT PHD in management.

44) Need a change.

45) Not very good MBA program.

46) Need new experience.

47) I want to try something new for different experience!!!

48) Too far to travel.

49) Rutgers was my undergrad alma mater.

50) Location and quality of learning.

51) Not offering Law studies.

52) NJIT billing is horrible. Renting fee (and services) of tapes for distance learning is too expensive and service is lousy. You e-mail many times the Department of distance learning at NJIT, but never got returned message. It looks like there is no body in that department to answer any questions. We e-mailed the teacher three times at her different and never got anything back.

53) The program is not good enough.
54) Variety for Resume.

55) Locations and Finance.

56) Change of school after a “long” four years, want to get a “different” experience at another school.

57) Change of atmosphere.

58) Moving to Boston.

59) The level of Technical education imparted is below par. The variety and number of courses is not fit for a technical university.

60) Change of pace, must be a ranked MBA school.

61) Have better research facilities.

62) European knowledge of business.

63) Wharton MBA much more recognized than NJIT MBA.

64) Relocating to another state.

65) This is a difficult question, but I prefer to be honest, I believe the quality of the faculty as well as the level of respect (public image) of this school is not of a stature I'd prefer.

66) Columbia University has a better reputation.

67) Looking for a better school.

68) NJIT does not offer a doctorate program via distance learning.

69) My experiences with NJIT for past five years were the worst of my life. It was a very bad decision to join you guys. I didn't learn anything.

70) Course options and location closer to home.


72) Want to diversify my educational experience.

73) I be moving.
74) Get out of city atmosphere.
75) Don’t want two degrees from the same institution and most good courses already taken.
76) Might relocate.
77) I’m moving to the west coast.
78) Moving to North Carolina in September.
79) To be more diversity
80) To much money.
81) I believe you need diversity in Education.
82) Doesn’t have the program I want.
83) NJIT is not as reputable as others although NJIT is taking steps to improve itself.
84) The classes required are not offered in the Mt. Laurel campus.
85) Because it is relative easy to find a job after graduation at MIT.
86) If I was, I would at another school. Professors at NJIT are not good. Some classes you learn nothing and others are way too overburdening. I can honestly say that I received minimum education at NJIT.
87) NJIT has not instilled the level of discipline needed to reach the utmost height. I have seen a lot of unprofessional and mediocrity.
88) Too many students! The educational resources are not enough for students. Library is too small, computers not enough, always no parking spaces.
89) I live in California. Difficult to take classes in NJ unless a distance program is tailored to my capabilities.