

UCRC

September 15, 2008 Meeting Summary

1. The Provost presented the following:
 - a. Resolution passed by the NJIT Dean's Council on June 12, 2008 recognizing Amit Bose's extraordinary UCRC leadership
 - b. Material on the status of development of new programs
 - c. Plans for CAA Ad Hoc Forces for AY08/09; Computing, Math and the GUR, and Revision to the NJIT Honor Code)
 - d. Rutgers-Newark student registration needs. Requested UCRC to identify a list of NJIT courses for Spring 09 to be offered to Rutgers-Newark students by Oct. 10th.
 - e. Proposal to revise the existing NJIT transfer credit policy by requiring a minimum grade of C in order to receive transfer credit for a course required as a prerequisite. A grade of D would be accepted for transfer credit only if that course is not a prerequisite for a higher level course taken in completion of degree requirements.
 - f. Explanation of NJIT's use of degree and major terminology in the curriculum and the need to have more focus on majors.
2. Information Systems announced the renaming the BS in Information Systems to "BS in Web and Information Systems"
3. Biomedical Engineering presented proposals for two new courses BME 384 Experimental Procedures in Biomechanics (1-3-3) and BME 385 Cell and Biomaterial Engineering Laboratory (1-3-3). The courses were approved with minor revisions, including a title change to BME 384 as Biomechanics Engineering Laboratory.
4. Management presented a proposal to include remedial math courses as Free Electives for the Business Degree (Maximum 8 credits of Math 103; 104; 106; 107; and 110). The proposal was approved.
5. Chemistry presented a new minor proposal in Environmental Science and Policy. The proposal was approved with minor revisions.
6. Mathematics announced new sections for Math 138 in Spring 09.
7. The following announcement was made: Selected Topics courses should be run a maximum of two times under the same title before they are brought forward to UCRC for approval as new courses. This motion was voted upon by UCRC on March 26, 2007 and should be in effect.
8. A detailed discussion of new NJ Licensure Rules on Information Literacy and its adoption into the GUR was deferred to future meetings pending an update from the library staff on the current status of information literacy activities on campus.
9. A subcommittee was formed to address the exclusion of non-degree courses from GPA and included Asokan Anandarajan (Mgmt), Jim Calvin (CS), Taha Marhaba (NCE-CEE), Eliza Michalopoulou (CSLA-Math), Don Wall (SOA), Dana Knox (Assoc. Provost) and Joe Thompson (Registrar). The subcommittee will develop a proposal for discussion and approval by UCRC.

Observations and Outcomes from Our Fall 2008 Academic Audit

Getting course assignment data entry right for Fall 2008 has been a painful process, and should be learned from and not repeated. Some problems have been fixed in the system or a solution has been developed. Please apply all that has been learned in the Spring 2009 academic assignment process – we don't want to go through this again.

We are expecting to have continued budget constraints in the future, and therefore, we need to exert strong and thoughtful control on the assignment of personnel. If we do this right, we will be able to improve our teaching and learning environment, the outcomes from our efforts, and maintain and increase the goodwill of students and faculty toward NJIT and the quality of our academic experience.

Adjunct Appointments

All teaching for adjunct pay must be indicated in the system. If no name has been identified as the instructor but it is known that an adjunct instructor will teach a course then this must be recorded in a standardized fashion to be recognized for its budgetary impact.

Credentials for adjunct appointments should be scrutinized and accepted by the school or department, and the credentials should be maintained on file in the school or department office.

Full time salaried employees (e.g., professional staff) who teach as an adjunct during the day, are expected to charge their vacation bank. It is incumbent for the school or department to make sure that this is done. Otherwise, they would be "double dipping." The only exception to this has been that full-time employees are allowed to use their one (1) hour lunch time for teaching purposes, since that is considered unpaid time.

For University Lecturers, they are expected to be full-time employees and any teaching during the day should be part of their normal load. NJIT does not expect university lecturers to be paid as an adjunct in overload instruction, and any such assignment must be rare and approved by the Dean.

We need to consider adjunct salary ranges in departments and across the campus, and compare our ranges with the results from a market rate study. This study should consider differentiation across disciplines and across level of instruction (e.g., the concept of "Professor of Practice" should be considered for an expert adjunct teaching a specialized upper level or graduate course).

University Lecturer Appointments

The university lecturer position is established to be a full-time instructional position assigned 12 credit hours (or equivalent for NJSOA). This Fall, our university lecturers were assigned credit hours less than 12 credits in many cases – if they were all assigned 12 credit hours of instruction, we would be able to cover 50 additional sections, relieving the adjunct budget by about \$150,000.

We need to consider university lecturer salary ranges in departments and across the campus, and compare our ranges with the results from a market rate study. This study should consider differentiation across disciplines and across level of instruction

Across campus, the kinds of assignments made to university lecturers in lieu of the full 12 credit hour loads vary and we need to scrutinize and assess how we use lecturer positions for other non-instructional purposes.

Other Observations

We need to make changes to become consistent across campus:

- In our terminology and handling of labs, recitations, workshops, etc.
- In the way we record TA involvement in our course delivery.
- In our teaching of multiple sections of a course in each semester. Multiple sections taught simultaneously in the same room must be merged into a single section.
- In the way we offer and deliver Honors sections of courses. Small Honors classes that are taught simultaneously with another section of the same course should not constitute an additional full course credit load.
- In the way we manage course and curricular advising of students (as opposed to supervising students involved in research).
- In the way we handle course and contact hour assignments in our system for very large classes.
- In the way we value and promote alternative modes of course delivery on campus (e.g., distance or hybrid learning, use of web-based interactions, course management systems).
- In our handling of seminars or similar departmental activities that are not part of the program curricula.

Registration will happen in the future without maximum class size restrictions imposed except for the relatively few cases in which there are space constraints or other approved reasons to limit class enrollment. Deans need to approve each such restriction – and the registrar will not respond to a direct request from a Chair or a faculty member concerning this.

We need to consider the frequency at which we offer courses. Some courses do not need to be offered every semester, and if a schedule were created and

adhered to, students would be able to plan for when a course would be available for them to take. Changes in frequency could involve only once a year, once every third semester or once every other year. This may be particularly useful in graduate programs for which course variety during a 2, 3 or 4 semester program is important to attract students.

Any credit-bearing assignment should be made as an instructional faculty responsibility. Contact hours should be assessed realistically, and need to be reassessed periodically.

As new hires occur, we need to enter newly hired faculty and their assignments (those not yet on the payroll) into the system.

We have several low-enrollment electives. Sometimes these are cancelled, leaving the assigned faculty without assignment – that should not happen, and such faculty should be reassigned. The reassignment could even be to a course outside of the department (e.g., an NCE professor could be assigned to teach Math 099). Habitually low-enrollment electives should be modified, phased out of the curriculum, or replaced with new, exciting offerings.

Each college, school and department will be held accountable for insuring that the teaching assignment data is entered in a correct and timely fashion (schedule established by the Registrar). Accomplishment of this will be considered in evaluating merit for administrators.

We need to be sure to correctly record/account for:

- Faculty who teach on-load at Rutgers-Newark, Rutgers New Brunswick, UMDNJ.
- Faculty who teach on-load for the EMBA or other Executive degree programs that might be developed.

Each and every full-time faculty member at NJIT should be assigned undergraduate and graduate recruitment responsibilities. These responsibilities should be assigned and orchestrated by Deans and Chairs, in coordination with the efforts of the Admissions staff.

PROPOSED CURRICULUM CHANGE

1. Brief description of change proposed:

We intend to rename our degree program:

- o BS Information Systems to BS Web and Information Systems

This is solely a change in nomenclature to better reflect the nature of these existing degrees. The structure of the degrees will remain unchanged.

2. Brief explanation of reasons for change:

Prospective undergraduates interested in computing generally are not aware of the term "information systems" whereas they are very familiar with the term "web". To better convey the coverage of the degrees, we are adding the concept "web" to the degree names to reflect that most aspects of the majors have a web context. "Web" will continue to be a very active and dynamic concept in the years to come, and therefore these degree names should serve NJIT and IS well for the foreseeable future.

3. Have all necessary approvals been attained? Yes

4. If the change involves the addition of one or more new courses, please complete and attach "UCRC - New Course Proposal Outline Form." n/a

5. If the change involves altering the department's curriculum paradigm as currently outlined in the NJIT catalog, please attach existing and proposed paradigms. n/a

(add any additional information you would like brought to the attention of UCRC here.)

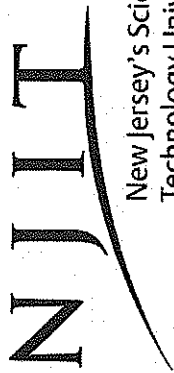
UCRC Action: The committee has voted to:

_____ 1. Endorse the proposed change as properly falling within the category checked and including the appropriate sign-offs.

_____ 2. Remand the proposed change back to the originating department for revision or reconsideration. (See attached note for reasons.)

Chairperson, UCRC

Date

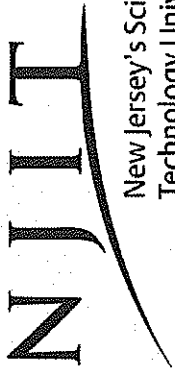


Actual and Projected Enrollment 2005-2010

Year	Actual Enrollments
Fall 2005	8058
Fall 2006	8209
Fall 2007	8276

Year	Projected Enrollments
Fall 2008	8407
Fall 2009	8918
Fall 2010	9324

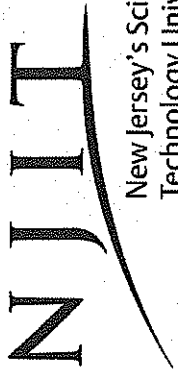
By fall 2010, enrollment is projected to increase by 1266 students, an increase of 15% from fall 2005.



FRESHMEN ENROLLMENT 2007-2008

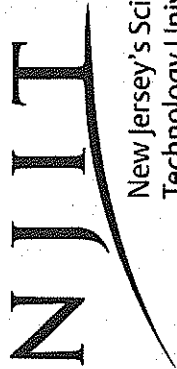
	2007	2008	Goals	Change 2007-08
Applications	3036	3440	3170	+13%
Regular FTFTF	483	514	480	+31
EOP FT & PT	144	141	150	-3
APT (PT)	43	100	100	+57
Honors FTFTF	144	163	160	+19
Total	814	918	890	+104

THE EDGE IN KNOWLEDGE



TRANSFER ENROLLMENT 2007-2008

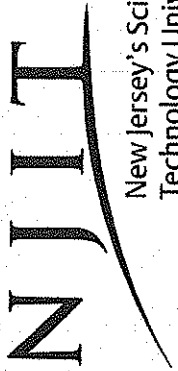
	2007	2008	Goals	Change 2007-08
Applications	1159	1400	1225	+21%
New Transfer Students	416	455	450	+39



NEW GRADUATE ENROLLMENT 2007-2008

	2007	2008	Goals	Change 2007-08
Applications	4850	5013	5025	+3%
New Graduate Students	811	899	960	+88

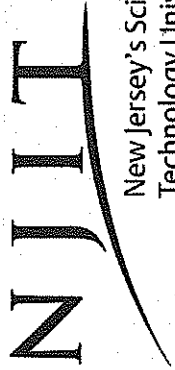
THE EDGE IN KNOWLEDGE



TOTAL ENROLLMENT 2007-2008

	2007	2008	Change 2007-08
New Student Enrollment	2704	2931	+227
Continuing Student Enrollment	5572	5469	-103
Total Headcount	8276	8400	+124

THE EDGE IN KNOWLEDGE



New Jersey's Science &
Technology University

New UG Program Enrollments

FTFTF and TRANSFER			
Program	Applications	Accepts	Enrolled
Business & Information Systems	22	15	6
Computational Sciences	4	2	0
Computing & Business	20	10	7
Digital Design	14	9	4
Enterprise Development	0	0	0
Interior Design	38	35	12
International Business	7	5	5
Total	105	76	34

THE EDGE IN KNOWLEDGE

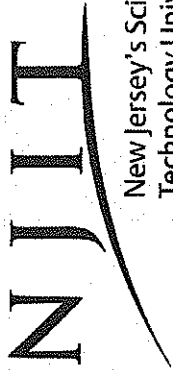


New Jersey's Science &
Technology University

New MS Program Enrollments

Program	Applications	Admits	Enrolled
Bioelectronics	9	2	0
Biostatistics	14	6	6
Business & Information Systems	44	26	15
Computing & Bus	10	3	3
Emergency Mgmt & Bus Continuity	7	3	2
Enterprise Development	3	2	1
Healthcare Systems Management	11	4	3
International Business	11	4	3
Power and Energy Systems	15	10	8
Total	124	58	39

THE EDGE IN KNOWLEDGE



New Jersey's Science &
Technology University

NEW JERSEY INSTITUTE OF TECHNOLOGY

Office Of The Registrar

2008 Fall Enrollment by Enrollment Status

(All inquiries regarding official enrollment statistics should be directed to the Office of Institutional Research)
9/15/2008

	Continuing Freshmen			New Grad			Non-Matric			Readmitted			Transfer			2008 Total Enrolled	2007 HC	+/- 2007 Fall	% Of Total Enrollment
	Students	Students	Students	Students	Students	Students	Students	Students	Students	Students	Students	Students	Students	Students					
Undergraduate																			
Full-Time	3135	798	NA	11	79	361								4384	4177	207		50.5%	
Part-Time b.	642	120	NA	259	86	94								1201	1239	-38		15.0%	
Total	3777	918	0	270	165	455								5585	5416	169		65.4%	
Graduate																			
Full-Time a.	874	NA	614	11	11	NA								1510	1639	-129		19.8%	
Part-Time	818	NA	285	168	41	NA								1312	1221	91		14.8%	
Total	1692	0	899	179	52	0								2822	2860	-38		34.6%	
Grand Total 2008	5469	918	899	449	217	455								8407	8276	131			
2007HC	5572	814	811	453	210	416													
+/- 2007 Fall	-103	104	88	-4	7	39										131			
% of Total	66.1%	11.1%	10.9%	5.4%	2.6%	5%								100%					

THE EDGE IN KNOWLEDGE



New Jersey's Science &
Technology University

Tactics to Increase Enrollment, 2008-2009

Some **tactics** under consideration to achieve enrollment goals
(**freshmen**):

A. Expanding out-of-state recruiting for FTFTF (regionally)

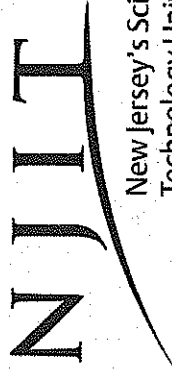
1. Already discussed with Honors: targeting regional magnet schools; pre-visit email contacts; mail and email campaigns to new market (senior SAT takers). Admission recruiters selecting key cities to target with mail/email blitz; special events as in item 2.
2. Meeting with Athletics and Development to plan alumni/prospective student receptions in regional cities in conjunction with an athletic event.
3. Admissions office to handle more of the processing details for EOP applicants, freeing up EOP staff to do more person-to-person outreach, conversion of admits to enrolls, and administration of the EOP program.
4. Using GoalQuest (targeting student-friendly email) and Royall (direct mail priority application with email follow-up).



New Jersey's Science &
Technology University

Tactics to Increase Enrollment, 2008-2009

- B. Increasing visibility of new programs statewide, regionally and nationally.
 - Encourage faculty to use professional association newsletters, blogs, etc. to give "face time" to our majors, especially our new ones.
- C. Continuing to increase APT (non-SAT) admits to approximately 125 students.
 - Have IR continue their analysis of these cohorts; they have performed well and been retained at the same level or better than regular admits.
- D. Increase in student **RETENTION** is essential.



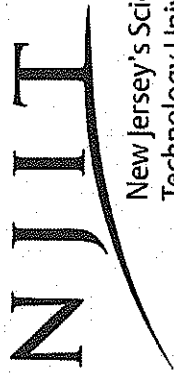
Tactics to Increase Enrollment, 2008-2009 (cont'd.)

Some **tactics** under consideration to achieve enrollment goals (**transfers**):

A. Expanding in-state recruiting for transfer students, including 2+2 programs with select institutions.

1. Faculty to work with their counterparts at county colleges to increase awareness of NJIT's programs; increasing prominence; enhanced campus environment; Division 1 Athletics, etc.
2. Honors college to pursue transfer agreements with selected county colleges.
3. Increased advertising in county college newspapers.

B. Expanding out-of-state recruiting for transfer students (regionally, nationally and internationally, possibly including 2+2 programs with select institutions).



Tactics to Increase Enrollment, 2008-2009 (cont'd.)

Some **tactics** under consideration to achieve enrollment goals
(**masters**):

- A. Formation of Graduate Enrollment Management (GEM) Committee
- B. Discussions currently underway with deans regarding implementation of the Graduate Recruiting Plan
- C. Increased advertising in professional association newsletters, blogs, etc. by faculty, for existing and new majors.
- D. Expanded corporate outreach.
- E. Increase agreements with domestic and international universities, BS/MS, BS(2+2)/MS, expanded domestic and international recruiting at targeted universities.

UCRC

October 13, 2008 Meeting Summary

1. An announcement was made by the Department of Humanities to change course titles: ENG 353 from “Electronic Publishing” to “Composing Documents for Print”, and ENG 354 from “Advanced Electronic Publishing” to “Composing Documents for the Web”. The Department will also look into changing the existing ENG 353A Electronic Publishing Lab title to “Composting Documents for Print Lab”. UCRC had no opposition to the changes.
2. The Department of Humanities proposed to change the core curriculum in the Communication and Media program by removing four courses (ENG 200, ENG 336, ENG 360, and IT 206) from the core and replacing three of them with others (COM 303- new course, ENG 333, and STS 349). A free CS elective will take place of the 4th removed course. The proposals were approved.
3. The Department of Humanities proposed a new course (COM 303 Video Narrative). The proposal was approved pending minor revisions to section 3.b. Probable Textbook and References.
4. An announcement was made by the Biology Department to revise the prerequisites for Biology courses.
5. The Biology Department proposed a new course (BIOL 405 Cell Physiology and Imaging). The course was approved pending minor revisions to the course description and distribution of hours to (3-3-4).
6. Computer Science announced a change in course number of BNFO 235 Programming for Bioinformatics to BFNO 135, and BNFO 240 Principles of Bioinformatics II to BFNO 340.
7. Computer Science proposed four course revisions (CS 356 Introduction to Computer Networks, CS 357 Fundamentals of Network Security, CS 451 Network Technologies, and CS 458 Technologies for Network Security). The four proposals will be revised according to the UCRC comments and will be voted upon through email by October 14th.
8. Information Systems proposed a change in course numbering from IS 127 to IS 218. The change was approved based on a revision in the distribution of hours from (3-0-0) to (3-0-3).
9. Mechanical Engineering proposed a new course (ME 415 Advanced Manufacturing Processes). The proposal was approved.
10. Mathematics proposed two new course proposals (Math 101 University Mathematics – Trigonometry and Math 135 Mathematics for Business). The courses were approved.
11. History proposed two new courses (HIST 367 International Law and Diplomacy in History and HIST 373 The Rise of Modern Science). Both courses were approved with a modification to 3 contact hours each.
12. The following was reported by the UCRC GPA Subcommittee and discussed:
 - a) The online NJIT catalog states the following:

“In order to graduate, students must attain a cumulative grade point average of 2.0 in all the courses listed in the catalog as being required in the appropriate

curriculum. They must also earn a cumulative GPA of 2.0 in the upper division course requirements of their major as determined by the academic department offering the major.

Additive credit courses will be excluded from the calculation of the cumulative GPA requirements for graduation.”

b) The catalog clearly indicates that the non-degree related courses can be eliminated from the calculation of the cumulative GPA for graduation. This policy is current and should be implemented.

c) The GPA Subcommittee recommended that UCRC look into the potential of establishing a 3 GPA system for incorporation into the Banner system:

-Degree GPA: This GPA includes all courses required to fulfill the student's degree program. A GPA maximization method would be incorporated when a student elects to take courses that have already satisfied the program requirements (may not include the same previously taken course).

-Major GPA: This GPA includes all courses designated by the department/school/college offering the degree program.

-Cumulative GPA: This is the GPA used currently.

Several suggestions were made, including the change in the “degree” and “major” designation as well as the removal of the “Major GPA” recommendation as it is represented by the class rank. The recommendations will be discussed further and voted upon at future meetings following clarification from the Banner team on the potential implementation of such recommendations.

See also <http://web.njit.edu/~marhaba/UCRC.htm>

UCRC

November 10, 2008 Meeting Summary

1. A proposal submitted by the Office of the Provost to revise the NJIT [Transfer Credit Policy](#) to accept a grade of “D” only if that course is not a prerequisite for a higher level course taken in completion of degree requirements was discussed. A motion to table the proposal was seconded and approved to allow UCRC members to get approvals from their respective departments.
2. The following announcements were made by Engineering Technology and received no reservations:
 - a. Change all course designations from [EET to ECET](#) while maintaining the same numbers. Reason- the title of the program is Electrical and Computer Engineering Technology and this new, more accurate designation will avoid confusion.
 - b. Change from [Concrete Industry Management Technology \(CIMT\) to Concrete Industry Management \(CIM\)](#). Reason- the title of the program is Concrete Industry Management more accurately describes the program curricula.
 - c. Change from [Construction and Contracting Engineering Technology to Construction Engineering Technology \(CET\)](#). Reason- the title of the program is Construction Engineering Technology more accurately describes the program curricula.
 - d. Discontinuation of the [Manufacturing Engineering Technology \(MNET\)](#) option. Reason- due to low enrollment, was not put up for reaccreditation.
3. A proposal by Engineering Technology to change grade method for [ET 101-Introduction to Engineering Technology](#) to PASS or FAIL grade was approved with an amendment to the distribution of hours from 0-2-1 to 0-2-0.
4. Two new course proposals presented by Humanities for [COM 369](#) Digital Poetry and [COM 390](#) Electronic Writing Workshop were approved.
5. A curriculum change [proposal](#) presented by Physics to replace Math 240 with Math Elective for the BS in Applied Physics (Math Dual Major Option) was approved.
6. The existing policy that does not permit the same department to offer double majors as well as a major and minor to students was discussed. It was agreed that this policy has never been documented, specifically in the catalog. UCRC sees no academic disadvantage for some departments to offer double majors and major+minor to students. It was agreed that departments can propose the same at UCRC, which could ultimately be used as a recruiting tool.
7. The Registrar’s Office requested all UCRC representatives to review the [SMAPRLE](#) Validation Table for Undergraduate Majors to make sure that the appropriate majors and minors are still offered in their respective departments.

See also <http://web.njit.edu/~marhaba/UCRC.htm>

UCRC

December 8th, 2008 Meeting Summary

1. A proposal presented by Biomedical Engineering to accept the 2nd co-op course [BME 411](#) Coop Experience II for degree credit and to change the course grading to a letter grade for the BS Biomedical Engineering program was approved.
2. A proposal presented by Humanities for a new [Digital Expression Track](#) for majors in the Communications and Media Program was approved with a change from the “specialization” to “track” designation.
3. A proposal presented by Humanities to add a new [Minor in Electronic Creative Writing](#) within the Communication and Media program was approved.
4. A new course proposal presented by Engineering Technology for [CET 460](#) Forensics in Construction (3-0-3) was approved.
5. A new course proposal presented by Engineering Technology for [CIM 410](#) Senior Project in CIM was approved with a modification from (2-0-2) to (3-0-3).
6. A new course proposal presented by Engineering Technology for [CIM 497](#) Concrete Industry Co-Op [Internship] was approved with a modification from (2-0-2) to (3-0-3).
7. A [proposal](#) presented by Computer Science to add [BNFO 135](#) Programming for Bioinformatics to the Computing Sciences GUR was approved.
8. An update from the provos Computing/Math GUR Task Force was presented. The Task Force is considering recommending the following changes:

Computing GUR - Reworded philosophy section. Minimum credit hours changed from two to three. BNFO 135 and CS 1xx added as satisfying courses. The Task Force recommends the development of additional computing courses (CS 1xx) designed specifically for students in non- technical fields of study.

Mathematics GUR - Reworded philosophy section. The Task Force recommends the development of a two semester, six credit sequence (MATH 1xx,1xy) in mathematics designed for students in non- technical fields of study, which will include the basic knowledge specified in the philosophy section.

9. A presentation was made by the NJIT Library administration on the new [NJ Licensure Rules](#) and [Middle States Commission](#) on Higher Education Information Literacy Requirements. UCRC members expressed concern over the vague assessment criteria that the State may apply. UCRC decided to take the initiative and form a subcommittee on Information Literacy that will work closely with the library staff to address the questions and come up with recommendations for implementing information literacy into the GUR. Members of the subcommittee are Asokan Anadarajan, Taha Marhaba and Eliza Michalapoulou.

See also <http://web.njit.edu/~marhaba/UCRC.htm>

UCRC

January 26, 2009 Meeting Summary

1. A proposal initiated by the Office of the Provost to use a uniform academic program terminology was approved. An “Undergraduate Major” (or “Major”) is a field of study that leads to an undergraduate degree. A major has been approved by the State and accredited through Middle States and/or other accreditation bodies. An “Option” refers to alternative curricula leading to a degree in a sub-field of the major discipline. Each Option is separately accredited (e.g., in Engineering Technology). A “Specialization” is a sub-field or area of study within an academic major. The use of “Concentration” will be eliminated and will be substituted by “Specialization”.
2. A new course proposal presented by the IS Department, IS 333 Social Networking; Application Design and Security, was approved.
3. Three new course proposals presented by the Engineering Technology Department were approved: CPT 425 Medical Informatics Technology II (with revision of Final Exam allocation from 50% to a maximum of 33%), SET 403 Remote Sensing Principles and Applications in Geomatics, and SET 200 Introduction to Surveying. SET 200 and SET 403 were approved with the addition of the proposed grading scheme section 3D and allocating a maximum of 33% for the final exam.
4. A new course proposal presented by the Mathematics Department was approved: Math 227, Introduction to Mathematical Modeling.
5. Six new course proposals presented by the School of Management were approved: Acct 325 Intermediate Accounting, Acct 117 Financial Accounting, Fin 218 Financial Markets and Institutions, Fin 430 Options and Futures Markets, MIS 363 Project Management for Managers, and MGMT 316 Business Research Methods. MGMT 316 and Fin 430 were approved with a revision to the prerequisites.
6. Proposals presented by the School of Management to establish Special Topics courses were approved: MGMT 485- Special Topics in Management, Fin 485- Special Topics in Finance, Econ 485- Special Topics in Economics, Mrkt 485- Special Topics in Marketing, MIS 485- Special Topics in Management Information Systems, and HRM 485- Special Topics in Human Resource Management.
7. The course title for SS 201 will be changed to Econ 201.
8. Proposal to change course number for Acct 317 Managerial Accounting to Acct 215 and a change of course description was approved.
9. Four new course proposals presented by the School of Architecture were approved: AD 150 Color and Composition, INT 321 Methods & Materials, INT 350 History of Furniture, and FA 285 Contemporary Aesthetics.

10. Three new course proposals (1 credit each) were presented by the Computer Science Department to take place of one general elective in all of the CCS curricula: CS 100 Effective Communication for computing Students (1 credit), CS 200 Effective Communication for Computing Students (1 credit), and CS 400 Success as a Computing Professional (1 credit). The proposals were tabled pending further evaluation of the Freshman Seminar content and CS 100.
11. A new course proposal BIO 222 Evolution presented by the Biology Department was approved
12. A new course proposal presented by Biomedical Engineering Department for BME 386: Bioinstrumentation Laboratory was approved with minor editorial changes.

See also <http://web.njit.edu/~marhaba/UCRC.htm>

UCRC

February 9, 2009 Meeting Summary

1. A proposal presented by the Math/Computing Science Task Force to change the General University Requirements in Computing and in Mathematics was approved based on the following:

- a. Reword the philosophy section of the General University Requirements (GUR) in Computer Science and Mathematics

Computer Science - An understanding of the nature of computing, its impact on society and the driving forces behind its pervasive deployment is integral to effective functioning as a professional and as a citizen. Each student should learn to use software and computing systems and to access, store, process and analyze information as an essential aspect of critical thinking and problem solving. Depending on the discipline, the student should also develop an ability to design algorithms, to write programs, and to use software tools.

Mathematics - The ability to reason qualitatively and quantitatively, to understand probability, and to apply mathematical models to a variety of circumstances is fundamental to making informed decisions in the modern world. Depending on the discipline, the student should also be able to apply calculus and numerical methods to the solution of problems in their professional domain.

- b. Increase the Computer Science GUR from 2 to 3 credits.
2. Humanities will change the title of ENG 496 Senior Project-Professional & Technical Communication to ENG 496 Senior Project-Communication and Media
 3. Proposals for three new minors in Mathematics were approved: computational mathematics, mathematics of finance and actuarial science, mathematical biology
 4. Proposal by Mathematics to replace CS 116 with an elective in computational mathematics for two concentrations/options in mathematical sciences was approved.
 5. Math 226 (Discrete Math) will be replaced with Math 227 (Introduction to Mathematical Modeling) in the BS in Mathematical Sciences for all concentrations.
 6. Math 340 will change from 3-0-3 to 3-1-3.
 7. Mathematics will designate Math 432 and Math 433 (Mathematics of Financial Derivatives I, II) as Capstone I, II, respectively for the BS in Mathematical Sciences.
 8. Architecture will code-share/cross-list INT 337/ARCH 337 Building Information Modeling and DD 334/ARCH 434 Simulated Environments.

9. Curriculum change proposals from Architecture for the Digital Design and Industrial Design programs were approved.
10. A new course proposal from Architecture for FA 286 Case Studies in Industrialized Art, was approved.
12. INT 222 Building and Interior Systems II and INT 264 Intro to Design for Interior Designers II will have new course numbers.
13. Three existing courses will have new prefixes (and adjusted prerequisites reflecting new prefixes)- INT 221 Building and Interior Systems I, INT 263 Introduction to Design for Interior Designers I, and DD 275 History of Games
14. A new course proposal from Biology was approved: BIOL 342 Developmental Biology.

See also <http://web.njit.edu/~marhaba/UCRC.htm>

UCRC

March 9, 2009 Meeting Summary

1. An update was given to UCRC by the Information Literacy Subcommittee. After evaluating options for implementing information literacy in the GUR and receiving feedback from the Interim Provost, it was decided that an Information Literacy Assessment be sent to all department chairs requesting completion of their program assessment by April 17th. The subcommittee with the aid of the library staff will compile all the assessment forms which will provide a clearer picture of information literacy gaps in all programs and specializations. The subcommittee will then make its recommendations and proposal to UCRC at the May 4th meeting.
2. A proposal to add of a new specialization option, Accounting, to the BS in Business degree was approved.
3. Two new courses proposals, IT 240 Shell Scripting for Administrators and IT 340 Linux System Administration, were approved with minor changes.
4. A curriculum change proposal for the Interior Design Program was approved. This includes the addition of an existing Arch course and restructuring of the GUR requirements in response to the recently adopted GUR changes.
5. A proposal to change courses in the IS minor was approved.
6. A proposal for new minor in Web & IS was approved.
7. A proposal to formalize the 4-year Construction Management Technology Program was approved with minor editorial changes.
8. A proposal for a new 4-year Technology Education program was approved with minor editorial changes.
9. A new course proposal, Chem 474 Biochemistry II, was approved.
10. A new program proposal for BS in Biochemistry was approved.
11. A proposal to give degree credit and letter grade for 2nd co-op course (CE413) in BS Civil Engineering was approved.
12. A proposal to require 'C' Grade in selected BSCE courses for BSCE students was approved.

See also <http://web.njit.edu/~marhaba/UCRC.htm>

UCRC

April 13, 2009 Meeting Summary

1. Information literacy assessment is ongoing. An appeal was made to all UCRC members to make sure that their departments respond by the April 17th deadline. The plan is to have a proposal for implementing information literacy at NJIT by the May 4th UCRC meeting.
2. A new proposal for two minors in Information Technology were approved; one for computer science majors and another for non-computer science majors.
3. A proposal to allow degree credit for IT 311 co-op was approved.
4. The following new course proposals were approved: IT 302 Advanced Internet Applications, IT 287 Advanced Game Production (cross-listed with COM 287), IT 366/CS 366 3D Game Development, IT 286 Foundations of Game Production, IT 386 3D Modeling and Animation, IT 332 Digital Crime, and IT 331 Privacy, Information and Technology. IT 331 was approved with a modification to the prerequisites to include a GUR computing course.
5. SOA announced an Art+Design course prefix change (ID201 to AD201)
6. A new course proposal for ECE 443 Renewable Energy Systems was approved.
7. A proposal to increase credits for CS101 from 2 to 3 credits was approved.
8. Two new biology courses, BIOL375 Conservation Biology and BIOL 475 Ecological Field Methods and Analysis, were approved.
9. A proposal for a curriculum change to the BS in Biology was approved.
10. Proposed curriculum changes to the BA Biology and Accelerated BA programs were approved.
11. Nominations for AY 09-10 UCRC Chair were requested. Voting will take place at the May 4th UCRC meeting.

See also <http://web.njit.edu/~marhaba/UCRC.htm>

UCRC

May 4, 2009 Meeting Summary

1. An Institute Information Literacy (IL) Plan was approved with the following implementation timeline:
 - a. Departments or colleges develop their own IL plan, for each of their undergraduate programs, due to UCRC by October 15, 2009. The plan should demonstrate where and how each of the eight competencies as they are expressed in the major area are (or will be) taught and assessed. The assessments may be graded assignments such as researched essays, oral presentations, field projects, examinations, theses, and researching codes, regulations, standards, etc. The information plan, the course curricula, syllabi and examples of student work will be demanded by our accreditation bodies as evidence of NJIT's incorporation of IL skill development in each program.
 - b. UCRC reviews the IL plans and responds to the departments or colleges by December 1, 2009.
 - c. All programs start implementing their IL plans in Spring 2010 semester.
 - d. All programs archive assessment evidence supporting their IL plans (i.e., graded examples of student work) in Fall 2010 and Spring 2011, in time for the May 2011 accreditation visit.
2. A motion to add a new member seat in UCRC for the library as a resource starting AY09 was approved.
3. A proposal for new Green Minor in Sustainability was not approved. The council will revised the proposal to address concerns that relate to the entity or entities that would be responsible for certification (i.e., Provost Office or a department or departments offering the majority of the courses, etc.)
4. An announcement was made to add Chem 126 to the required prerequisites for Physics 335 (Thermodynamics).
5. A proposal for a Double Major in Chemistry and Biology was approved with a removal of an extra social science GUR.

6. A proposal to add specialization codes to Communication and Media, and STS student transcripts was approved.
7. Proposals for three new Journalism courses were approved: ENG 346 The Fourth Estate: the News Media in America, ENG 348 Literary Journalism, and ENG 350 The Newsroom
8. A proposal for a new Journalism specialization in the Communication and Media Program was approved.
9. A proposal to run IT 380 as also STS 318 Educational Media Design was approved.
10. A proposal for a new course, THTR 325 Special Topics in Theatre, was approved.
11. The following was approved: A proposal to change the prerequisite for Math 448 (Stochastic Simulation) from "Math 333 with a grade of C or better and Math 340 with a grade of C or better" to "Math 333 with grade of C or better or Math 244 with a grade of C or better and Math 340 with a grade of C or better".
12. A proposal to replace Math 226 (Discrete Math) with Math 227 (Intro to Math Modeling) and replace a CS elective with CS 241 (Foundations in CS I) in the double major Math/CS was approved.
13. A proposal to expand content of CS104 and increase credit hours from 2 to 3 was approved.

See also <http://web.njit.edu/~marhaba/UCRC.htm>