

AGENDA

Academic Senate Meeting
Date: Tuesday March 10, 2015
Time: 3:10 p.m.
Location: Room M-136

- I. Attendance
- II. Consideration of the minutes from the February 10, 2015 meeting (Attachment A)
- III. Communications from the Board of Trustees or any of its Committees
Policies adopted by the Board of Trustees click on http://policy.cuny.edu/manual_of_general_policy/
- IV. Communications from:
 - President Diane B. Call (Attachment B)
 - Senate Steering Committee Report (Attachment C)
 - University Faculty Senate <http://www.cunyufs.org/>
 - UFS Plenary of February 10, 2015 (Attachment D)
- V. Monthly Reports of Academic Senate Standing and Special Committees
 - Committee on Committees (Attachment E)
 - Committee on Curriculum—RESOLUTION (Attachment F)
- VI. Old Business
- VII. New Business
 - Statement of support for full funding of CUNY—RESOLUTION (Attachment G)
 - Committee on Awards and Scholarships memo: Business Society Renamed (Attachment H)
 - Report from Administrative Task Force on Assessment

*Joel Kuszai, Secretary
Academic Senate Steering Committee*

Queensborough Community College
The City University of New York

MINUTES
of the February 10, 2015
Academic Senate

President Diane Call called the fifth regularly scheduled meeting of the Academic Senate to order at 3:15 p.m.

I. Attendance:

56 votes were recorded at the time attendance was taken; 61 members of the Academic Senate cast votes during the meeting.

Absentees: David Lieberman, Gilmar Visoni, Isabella Lizzul, Chiung Chang, Georgina Colalillo, Lorena Ellis, Barbara Blake-Campbell, Susan Jacobowitz, Mangala Tawde, Richard Yuster, Paul Weiss, Eileen White, Dion Pincus, Georganne Albanese, SG Treasurer, SG Programming VP, SG VP Evening Students, SG Senate Pro Tempore.

II. Consideration of minutes of the December 9, 2014 meeting of the Academic Senate:

A motion was made, seconded, and unanimously adopted to approve the December 9, 2014 minutes as presented (see Attachment A of the February 10, 2015 Agenda).

III. Communications from President Call

President Call referred to her written report (*Attachment B of the February 10, 2015 Agenda*.) For the full report, visit: http://www.qcc.cuny.edu/governance/academicsenate/docs/ay2014-15/February_2015/Attachment-B-PresidentsReport-2-10-15.pdf

IV. Senate Steering Committee Report

Chair Dr. Peter Bales referred to the written report (*Attachment C of the February 10, 2015 Agenda*). For the full report, visit: http://www.qcc.cuny.edu/governance/academicsenate/docs/ay2014-15/February_2015/Attachment-C-SteeringCmteReport-2-10-15.pdf

V. Committee on Assessment and Institutional Effectiveness Resolution on Data Tabulation on Student Evaluation Forms—RESOLUTION ([Attachment E](#))

Due to the absence of the author of the resolution, Chair Bales made a motion to postpone this resolution until the next month. The motion to postpone passed by a vote of the Senate 58-2-1. No votes: Marchese, Rochford; Abstained: Zinger.

VI. Old Business

NONE

VII. New Business

Linda Meltzer made an announcement about the Business Society's upcoming speaker and sponsorship of the Garfinkel essay contest.

Speaking as technologist for the Senate and FEC, Jeff Schwartz updated the Senate on the upcoming elections.

55 Dr. Karen Steele updated the Senate on the work of The General Education Assessment Task
56 Force, which has now completed rubrics for two of the College's Educational Outcomes,
57 Communication and Analytical Reasoning. During the spring semester, the task force, with
58 assistance from each department, will be collecting student artifacts from appropriate
59 assignments across disciplines for evaluation according to these rubrics. The Task Force will be
60 doing the evaluation in June and has also begun its review of the General Education Outcomes
61 as a whole.

62
63 The meeting was adjourned at 3:37 PM

64
65 Respectfully Submitted,
66 Joel Kuszai
67 Secretary, Steering Committee of the Academic Senate



**Report of the President
to the
Academic Senate
March 10, 2015**

Enrollment Management Update

- The two phases of freshmen have been received by the Admissions Office and acceptance notifications have been sent to approximately 5000 students. A robust plan to market the Summer 2015 sessions including STEM waivers is in place.
- Academic Advisement for continuing students is currently available and registration will begin on Monday, March 9th. Advisement and Registration for new students will begin at the end of March. Advisers will outreach to their caseloads through Starfish. New students will be invited to meet with an advisor through Hobsons emails.

BTECH

- BTECH teachers and the principal continue to discuss with various academic departments and college faculty about the sequence of college courses in the program. Dr. Wilma Fletcher-Anthony joined the Transition, Intervention and Enrichment subcommittee and finalized the offerings that will be incorporated into the program, namely ST100 during their first semester and two workshops that will be offered prior to students enrolling in their first college course. The Indicators of Success and Readiness (ISRs) model is taking shape with discussions on rubrics to measure skill proficiency.

Opportunities for Faculty

- The Office of Academic Affairs is pleased to invite full- and part-time QCC faculty to apply for the 2015- 2016 Online Course Development Initiative. The **application deadline is Monday March 9, 2015**. Selected faculty will be expected to attend the Summer Institute during June 2015, and complete final preparations for online course delivery for Fall 2015. Participants will receive a stipend and use of a laptop if they do not have one.

Opportunities for Students

- QCC will be granting STEM tuition waivers for the 2015 summer sessions. Students will be granted a waiver for any STEM course that is required in their program of study, and up to two additional STEM or nonSTEM courses taken in the summer sessions. Students must be in "good academic standing" and NYC residents. A student does not need to be a STEM major. Incoming, transfer, first

year students as well as continuing students will be encouraged to apply. Fees are not covered by the waivers.

- All students wishing to receive financial aid for the Fall 2015 and/or Spring 2016 semesters need to complete the 2015-16 Free Application for Federal Student Aid (FAFSA). The following types of financial aid require the FAFSA to be completed every year: Pell, TAP SEOG, Work Study, and Student Loans. All currently enrolled returning QCC students must complete the 2015-16 FAFSA by **April 20, 2015** to guarantee that financial aid awards will be processed in time to pay their tuition and books.
- The **Carroll and Milton Petrie Foundation** awarded QCC a three-year grant, of up to \$100,000 per year, to provide one-time, emergency grants to students in good standing with short-term financial emergencies to enable them to remain in school, rather than being forced to leave or drop out. Ms. Denise Scalzo, Associate Director of Student Financial Services, will serve as the Grants Manager for this campus initiative. Additional information can be found at www.qcc.cuny.edu/scholarships.
- Please encourage our students to avail themselves of the valuable and free resources through the **QCC Single Stop Program**. A list of the services provided includes financial benefits screening, financial counseling, legal assistance, and tax preparation. Additional information can be found at www.qcc.cuny.edu/singlestop.

Announcements

- Our new Director for Grants and Sponsored Programs, Terence Diamond, began on March 1st. Terence brings a wealth of grant experience to Queensborough Community College in terms of grant writing successes, developing new corporate and foundation grant prospects, and assisting others in writing and revising grant proposals to increase their chances for funding. In addition to holding a Master's degree in History from NYU and a bachelor's in History from Virginia Commonwealth University, Terence has also published plays as well as journal articles and has served as an Arts Reviewer.
- Dr. Dan Leshem started as the Director of the KHRCA on February 23 and he is with us today. As I mentioned at the last Senate meeting, Dr. Leshem holds his Ph.D. in Comparative Literature from Emory University and previously served as the Associate Director for Research at the Shoah Foundation at USC.

Upcoming Events

- The College's student led grass-roots fundraiser, Walk to Aspire will be held on **Wednesday, April 22** at noon. New events include a scavenger hunt, and wellness activities. Pictures of the event will be posted on the Facebook page.

- The College's annual fundraiser, the "**Partners for Progress**" gala will be held on Thursday, April 30. We will be honoring Frank Korzekwinski as *Corporate Partner of the Year*, Liren Wei, *Art Gallery Partner of the Year*, and Vicki Kasomenakis, Class of 1981 for *Alumni Partner of the Year*. An "Early Bird" rate of \$125 is available to faculty and staff up until Thursday, March 27st, after that date, tickets for faculty and staff will be \$150. We hope that you will join us.
- The **Annual Holocaust Freedom Seder** will be held on Sunday, March 29th, 2015 at noon in the Student Union Building. This event honors the Holocaust survivors of our community by recreating the Passover Seder held in 1946, the first Seder to be held after World War II. For ticket information, please contact the KHRCA.
- Newly Tenured Faculty and CCE will be celebrated at a reception sponsored by the Office of Academic Affairs on Tuesday, March 10, at 4:30 p.m. in the Oakland Dining Room. This year, 24 colleagues, from 14 academic departments will be honored as awardees of tenure/CCE.
- The Dean's List Ceremony and Celebration of Milestone students (those completing 30 credits within their first year) will be held on Tuesday, March 17, at 7:00 p.m. in the Humanities Theatre. More than 1,400 students will be honored this year.
- The Campus Conversation sponsored by the Office of Academic Affairs will be held Thursday, March 26, at 4:30 p.m. in the Oakland Dining Room. The topic of the Campus Conversation will be focused on Copyright and Fair Use Regulations.
- The QCC Job Fair will take place on Wednesday, March 25th from 12:00 p.m. – 3:00 p.m. in the Student Union Lounge. Please encourage all students to take advantage of this great opportunity to meet future employers in their field of study. Students in need of creating/updating their resume can contact the Office of Career Services to schedule an appointment.
- Student Government Elections will take place from March 26 to April 1, 2015 in the Administration Building Lobby. Please encourage all students to participate in the election to select their new student representatives for the 2015-2016 academic year.
- Single Stop will be hosting a fair on Wednesday, April 1st from 12:10 – 2:10 p.m. in the Student Union, Upper level. Single Stop staff members along with servicer providers, NYLAG and Legal Aid Society, will be on site to share resources to students. The event will be co-sponsored by Student Activities, M.A.L.E.S., and C.O.P.E.

STEERING COMMITTEE OF THE ACADEMIC SENATE
QUEENSBOROUGH COMMUNITY COLLEGE, CUNY
MONTHLY REPORT
March 10, 2015

All positions in the QCC **Academic Senate** and its committees are currently filled.

At the request of the **Committee on Assessment and Institutional Effectiveness**, the resolution to mandate numerical tabulation on the Student Evaluation Forms has been removed from the Senate agenda. This committee is continuing to discuss the issue of “grade inflation.”

The **Committee on Bylaws** is considering a resolution to allow electronic voting within Senate committees with the exception of the **Curriculum Committee**.

The **Committee on Committees** (COC) is in receipt of requests from 123 faculty for placement into 40 openings as committee members or Steering Committee designees. The COC has also received 15 faculty nominations for 13 open seats for the 2015-16 Academic Senate. Two CLTs and one Adjunct are running for those three open seats. In addition, candidates for the Academic Senate have the option of placing a personal statement on the Academic Senate’s webpage that can then be accessed under “Current Candidate Information.” Candidates should send their statements directly to Senate Secretary Joel Kuszai for posting.

In our readiness to entertain discussion of all other college-related matters, we wish to remind all members of Queensborough’s faculty that all meetings of the Academic

Senate are open to the public as per the 2006 Perez decision on Open Meetings Law, as noted in Article I, Section 3, b of the Bylaws of the Academic Senate:

Meetings of the Academic Senate shall be subject to the Open Meetings Law and the Freedom of Information Law. Under the Open Meetings Law, the public has the right to attend any meeting of a public body. Any time a quorum of a public body gathers to discuss business, the meeting must be held in public, subject to the right to convene an executive session under certain limited circumstances. Non-members must conform to the usual requirements of parliamentary procedure; the Parliamentarian will interpret and enforce the rules which include that no non-member of the body may speak without the permission of the body.

As always, we pledge to recognize any member of the faculty who wishes to contribute to our dialogue. Access the Academic Senate webpages through the QCC website under “Governance.”

Special thanks to Professors Julita Haber and Nina Sarkar of Business who have agreed to be a part of our Steering Committee’s **“Survey Subcommittee”** that will embark upon a preliminary survey of our various Senate committees. We are discussing what we hope to learn and the best, most appropriate practices for doing so. We know, for example, that we want to keep it anonymous and confidential. We're still formulating this, so if you have any ideas please share them with us.

Every month the Senate agenda provides a link to the minutes of the **University Faculty Senate** (UFS). The Steering Committee would like to thank QCC UFS Representative Dr. Beth Counihan for her notes on the meeting of February 10th. Chancellor Milliken attended and reported on his lobbying efforts in Albany. As Dr. Counihan reports, in Governor Cuomo's budget "ASAP not funded; TAP underfunded; SEEK and College Discovery not funded; childcare at community colleges not funded; annual step increases not funded. He [the Chancellor] spoke of the proposed mandate for experiential learning—curriculum would be up to faculty and "there's more work to be done" and noted President Obama's reference to ASAP in his outlining of the federal community college initiative." The Steering Committee has prepared a statement for Senate endorsement calling for increases in New York State support for the City University of New York (Attachment G).

Report to QCC Academic Senate re UFS Plenary Meeting

DATE: 27 February 2015

TO: QCC Academic Senate

FROM: QCC Faculty Representative to CUNY UFS, Beth Counihan

SUBJECT:

The 385th Plenary Session of The University Faculty Senate of The City University Of New York Tuesday, February 10, 2015, 6:30 p.m.

UFS Chair Terrence Martell called the meeting to order at approximately 6:30 p.m. in Room C201/2/3 at the CUNY Graduate School and University Center.

I. Approval of the Agenda for February 10, 2015

The agenda was approved by voice vote.

II. Approval of the Minutes of December 9, 2014

The minutes were approved as distributed by voice vote.

III. New Business

A. Proposal to Amend the UFS Charter

To be voted on at next meeting: proposed changes of 7 members at large (no more Secretary and Treasurer) and for past chair to serve as ex-officio for a period of two years (not one).

IV. Reports

A. Invited Guest, Chancellor J.B. Milliken

Agenda shifted so that Chancellor's report was first item after approval of minutes and agenda. Chancellor Milliken was just back from Albany advocating for the CUNY budget. He stated his talking points were: "The Dream Act, celebrate CUNY students and support our talented and dedicated faculty"—and that faculty salaries are the highest priority in the budget request. The Chancellor noted in Cuomo's budget that: "ASAP not funded; TAP underfunded; SEEK and College Discovery not funded; childcare at community colleges not funded, annual step increases not funded." He spoke of the proposed mandate for experiential learning—curriculum would be up to faculty and "there's more work to be done" and noted President Obama's reference to ASAP in his outlining of the federal community college initiative.

The Chancellor spoke of the searches for University Provost, BCC president and Hostos president. A review of International Efforts and Programs is in process and reviews are planned in the near future for Fundraising and Online Education. Research fellowships for community college faculty have been reinstated for next academic year.

Q and A period followed: a suggestion was made to fund an institutional repository; continuing opposition to Pathways was voiced; request made for support for faculty with international faculty/institution connections. The Chancellor was asked to comment on University's role in supporting student

activism and he supports “providing a forum for students and faculty.” When asked to speak about the collaboration with Pepsi and the rationale to advertise the University on soda cans, the Chancellor explained the University is receiving \$21 million from Pepsi and the advertising is on “more than just soda—it’s juice.”

B. Representatives to Board Committees (oral)

Student Affairs: making connections with NYPIRG, Offices for Students with Disabilities and efforts to attend USS meetings

Faculty and Staff: Retiring Associate and Assistant Professors now are conferred automatically with title of Professor Emeritus upon retirement.

C. Chair’s Report

Chair Terrence Martell spoke of the FY16 State Executive Budget for CUNY: “the only significant increase in budget is \$52.4 million tuition increase,” noting that “no contract increase is going to be easily found” and advising “if you have searches, complete them.”

Chair Martell presented a resolution against Cuomo’s proposed “applied learning” mandate: resolution unanimously approved

Chair Martell read an appreciation of recently deceased retired CUNY faculty member Dr. Leon Katz and reminded all about the Stewart Travel Awards for Assistant Professors.

Kay Conway made an announcement of the UFS Spring Conference on Globalizing Education Fri 24 April at John Jay

The meeting was adjourned at 7:40 pm.

**QUEENSBOROUGH COMMUNITY COLLEGE
THE CITY UNIVERSITY OF NEW YORK**

Report to the Academic Senate

February 25th, 2015

From: Dr. Cheryl Spencer, Chairperson of the Committee on Committees

To: Dr. Kuszai, Secretary of the Academic Senate Steering Committee

Monthly Report of the Committee on Committees for February 2015

I. New Academic Senate Committee Members

Whenever vacancies on committees become available the members of the Committee on Committees (CoC) vote via e-mail to appoint new members. There were no changes to any committee for February.

II. Petitions for the Academic Senate

The petition to apply to the Academic Senate was sent to all Faculty, Adjuncts and CLT's electronically. There are 13 Faculty at Large, one adjunct faculty and one CLT whose terms in the Senate expire in May 2015. Due to a low return of completed petitions, the CoC extended the deadline. Candidates were given the option to submit a 500 word statement to support their candidacy.

III. Applications for Standing Committees for the Academic Senate

- a. The electronic application for standing committees was sent to all eligible faculty and staff.
- b. To accommodate a larger number of individuals seeking to serve on committees, the CoC assigns terms ranging from one to three years. This allows for continuity of committee work and a consistent mix of individuals who have committee experience to guide new members. Annually there will now be forty committee members whose terms will expire.

The CoC plans to add the following statement to future applications for Standing Committees to the Academic Senate: **“Only those committee members whose terms expire need to reapply. Committee members are encouraged to complete their assigned term. Any committee member, who decides to resign, should do so via email to the committee chair and a correspondence to the chairperson of the CoC.”**

Respectfully submitted,

Cheryl Spencer

Cheryl Spencer, PhD

Chairperson, Committee on Committees

**QUEENSBOROUGH COMMUNITY COLLEGE
CITY UNIVERSITY OF NEW YORK
CURRICULUM COMMITTEE**

To: Peter Bales, Academic Senate Steering Committee
From: Aránzazu Borrachero, Chairperson, Committee on Curriculum
Date: February 21, 2015

Subject: Monthly Report

The Committee on Curriculum has voted to send the following recommendations to the Academic Senate:

1. One elimination of a concentration
2. Six new courses
3. Sixteen revised courses
4. One program revision

DEPARTMENT OF ART AND DESIGN

1. Elimination of Interdisciplinary Concentration

INTERDISCIPLINARY CONCENTRATION

~~Students with specific educational and career goals in the fine and performing arts may select an interdisciplinary concentration. Students following an interdisciplinary concentration **must be guided by a special advisory committee**, composed of members of the faculty from each of the departments making up the interdisciplinary concentration.~~

Rationale: In discussion with the other VAPA departments, it was determined that the interdisciplinary option in the VAPA program should be eliminated because it is not heavily utilized and will be a hindrance to all of the VAPA departments, which are applying for accreditation. It is a problem for accreditation because it does not require enough credits in either discipline to qualify as a "major." One of the principal touchstones for accreditation is clarity and specificity in our programs, and this interdisciplinary option introduces confusion in the graduation requirements.

Additionally, it does not provide a useful option for our students at this time. With Pathways and other changes, there are too few classes in the concentration to make it meaningful in a two-year college setting. Over the years, only a handful of students have taken advantage of it. A vote was taken to eliminate the interdisciplinary concentration by the Department of Art and Design, on 12/10/14, by departmental faculty of Speech and Theatre on 12/17/14, by the Music faculty on 11/11/14, and by the Dance faculty on 2/9/15.

2. Revised courses

ARTS-191 Introduction to Video Art

Prerequisites: None

Hours and credits: 4 studio hours, 3 credits

From:

~~A basic course in video tape techniques and video as a means of artistic expression. Students learn the use of the portapak and elementary editing and produce several short pieces.~~

To:

This course will introduce students to digital video production and editing, with an emphasis on cinematic techniques and the history of moving images. Students will learn varied approaches to video production,

gain cinematography skills, and develop a unique visual style. The course will consist of lecture, demos/in-class activities, class discussion, student presentations, and studio time.

Rationale: The present course description is dated and needs to reflect present technologies and techniques.

ARTS-390 Portfolio Project in Studio Art

Prerequisites: 15 credits in Studio Arts, ARTH 100 (formerly AR-310) or ARTH 101 (formerly AR-311), and at least one Art History elective

Hours and credits: Independent study equivalent to 2 studio hours, 1 credit

From:

A second-year, independent study course specializing in the solving of aesthetic, technical and professional problems. Major emphasis is on building a portfolio for presentation for employment or application for 4-year degree programs based on student-generated creative project in the medium of the individual student's concentration. The student meets with the course instructor and/or faculty adviser for regularly scheduled meetings to present their work as it develops, or for critique and discussion. There is a required term paper, due one week in advance of the final review at the end of the semester. ~~A committee of art department faculty participates in the review and grading. Any incompletes are the decision of the committee only, and are based on the presentation of work during final review.~~

To:

A second-year, independent study course specializing in the solving of aesthetic, technical and professional problems. Major emphasis is on building a portfolio for presentation for employment or application for 4-year degree programs based on student-generated creative project in the medium of the individual student's concentration. The student meets with the course instructor and/or faculty adviser for regularly scheduled meetings to present their work as it develops, or for critique and discussion. There is a required term paper, due one week in advance of the final review at the end of the semester.

Rationale: This course was originally conceived as a capstone course that provided for both the creation of a portfolio and a review of the students' cumulative work. However, because NASAD accreditation requires that a committee review student work after the first year or the completion of 30 credits, the review aspect of the original ARTS-390 Portfolio class is no longer necessary. It is still important that students have a strong portfolio to transfer to a senior college program, and/or go out into the world as an artist, but there will no longer be a departmental review of a "capstone" portfolio because we are moving that review process to an earlier point in the student's trajectory.

DEPARTMENT OF BIOLOGICAL SCIENCES AND GEOLOGY

1. New course

BI-111: Introduction to Human Biology

Prerequisites (and/or) co-requisites: None

Hours and credits: 3 classroom hours, 3 credits

Levels of organization of the human body are emphasized, from biochemistry and cell biology to tissues, organs and organ-systems. Both the anatomical structure and the physiological function of the human body and its components will be studied. Designed for students in the Medical Office Assistant program and recommended for those students who do not have a strong background in the sciences and plan to take BI-301 (Anatomy & Physiology). Not open to students who have successfully completed BI-140, BI-160, BI-201, BI-301 or BI-501.

Rationale: 1) Students in the Medical Office Program require a working knowledge of the human body in order to understand clinical coursework and to function in their profession. (2) There is a strong need for a preparatory Anatomy and Physiology course to address the high dropout rate and poor academic performance found in the gateway BI-301 Anatomy and Physiology course. Currently, many students

entering BI-301 do poorly in the course or have to drop out. Some of the students who do succeed are repeaters, having unsuccessfully taken BI-301 once. Having a real preparatory course can reduce the number of students who adversely impact their GPA, which undermines successful transitions into health careers. It will also reduce the number of students who abandon their goals of a health career after taking their BI-301. Supporting these students can help with retention and transition into a field where job opportunities do exist. (3) This course will also be an excellent introduction to human biology for the non-science majors. Students taking this course will gain a better understanding of health management and their own health, as well as appreciate current societal and ethical issues grounded in human biology.

2. Revised course

From:

BI-340 Assisting in the Medical Office: Clinical Testing Procedures

Prerequisite: ~~BI-140~~ and BI-520 for students in the Medical Office Assistant Certificate Program. (Students not enrolled in the Medical Office Assistant Certificate Program may substitute BI-140, BI-201, BI-301, or the equivalent.) Not open to students in the Medical Laboratory Technology Program who are required to take BI-401 and BI-407.

Hours and credits: 1 class hour, 2 laboratory hours, 2 credits

To:

BI-340 Assisting in the Medical Office: Clinical Testing Procedures

Prerequisite: BI-111 and BI-520 for students in the Medical Office Assistant Certificate Program and the Medical Office A.A.S. Program. (Students not enrolled in the Medical Office Assistant Certificate or A.A.S. Program may substitute BI-140, BI-201, BI-301, or the equivalent.) ~~Not open to students in the Medical Laboratory Technology Program, who are required to take BI-401 and BI-407.~~

Hours and credits: 1 class hour, 2 laboratory hours, 2 credits

Rationale: BI-340 is a clinical course for students in the Medical Office Assistant program. The prerequisite change reflects the proposed curricular change from BI-110 to Human Biology BI-111. BI-111 will provide a stronger foundation for students taking BI-340. Also, the current write-up in the college catalog course description only lists BI-340 as a prerequisite in the Certificate program and does not mention the A.A.S. program. After consulting with the biology faculty that developed for the curriculum for Medical Office Assistant, it appears that it was an oversight to not include the A.A.S. program in this course catalog, so it is appropriate to amend it at this point in time. The reference to the Medical Laboratory Technology Program is eliminated as the program is no longer offered.

3. Program revision

Medical Office Assistant Program, A.A.S. and Certificate

From:

REQUIREMENTS FOR THE MAJOR - BIOLOGY

~~BI-110 Fundamentals of Life Sciences _____ 3~~

To:

REQUIREMENTS FOR THE MAJOR - BIOLOGY

BI-111 Introduction to Human Biology _____ 3

Rationale: BI-110 syllabus covers both human and non-human aspects of life sciences. The Medical Office Assistant certificate students require a strong understanding of human biology as a foundation for their clinical coursework and for the workplace. BI-111 is a course that focuses on human biology and can provide these students with the knowledge and skills they need to succeed in this field.

DEPARTMENT OF CHEMISTRY

Revised Courses

1. CH-101: Living in a Chemical World

From:

CH-101: Living in a Chemical World

Hours and credits: 3 class hours, 3 credits

Successful completion of CH-101 satisfies the Life and Physical Sciences General Educations Core Requirement. ~~May not be used as part of the Mathematics or Science Concentration required in the A.S. in Liberal Arts and Sciences curriculum. Current topics of interest to all people in a chemical world are examined, including household products, useful and abused drugs, cosmetics, food chemistry, chemotherapy, fertilizers, pesticides, and carcinogens. The approach is nonmathematical and demonstrates how stimulating and relevant chemistry is to daily life. To satisfy the laboratory science requirement for the A.A. degree, students are required to take the associated laboratory class CH-102.~~

To:

CH-101 Living in a Chemical World

Prerequisites: None

Hours and credits: 3 class hours, 3 credits

This is a lecture course with hands-on laboratory experiments where the role of chemistry in everyday processes is highlighted and discussed. Topics covered include: The chemistry of food and medicines, vitamins and minerals, water and air, household products and fuels. The approach is non-mathematical and strives towards making chemistry stimulating and relevant to daily life. The goal is to introduce the applied aspects of chemistry to non-science majors, explain the world we live in, and to aid students to become more educated consumers and citizens. The Writing Intensive section includes writing assignments centered around these topics.

Successful completion of CH-101 satisfies the Life and Physical Sciences General Educations Core Requirement. To satisfy the laboratory science requirement for the A.A. degree, students are required to take the associated laboratory class CH-102. May not be used as part of the Mathematics or Science Concentration required in the A.S. in Liberal Arts and Sciences curriculum.

Rationale: The course description has been changed to ensure consistency on CUNYFirst, the College Catalog, and the syllabus. The new description more accurately reflects the current requirements and content of the course.

2. CH-102 Living in a Chemical World- Laboratory

From:

CH-102 Living in a Chemical World- Laboratory

Hours and credits: 2 class hours, 1 credit

~~May not be used as part of the Science or Mathematics Concentration required in the A.S. in Liberal Arts and Sciences curriculum. Experiments examine foods, detergents, aspirin, and other commonplace items to demonstrate the ways everyday life is affected by chemistry. These experiments also serve to acquaint the student with some of the fundamentals of laboratory work.~~

To:

CH-102 Living in a Chemical World Laboratory

Co-requisite: CH-101

Hours and credits: 2 class hours, 1 credit

This laboratory course should be taken with CH-101 (Living in a Chemical World lecture). The role of chemistry in everyday life is highlighted and explored. Basic experimental design and analysis are studied. Methods are introduced for the analysis of food, medicines, and household products. Laboratory techniques such as synthesis, titrations, chromatography, use of the spectrophotometer, and Geiger-Muller counter are employed.

Successful completion of CH-101 and CH-102 satisfies the laboratory science requirement for the Associate in Arts (A.A.) degree. May not be used as part of the Science or Mathematics Concentration required in the A.S. in Liberal Arts and Sciences curriculum.

Rationale: The course has undergone significant changes since its inception, which are not reflected in the current course description. The course description has been changed to ensure consistency on CUNYFirst, the College Catalog, and the syllabus. The new description more accurately reflects the current requirements and content of the course.

3. CH-103: Chemistry and The Arts

From:

CH-103: Chemistry and The Arts

Prerequisites: None

Hours and credits: 3 class hours, 3 credits

~~It is recommended that students taking this course also take CH 104 (Chemistry and the Arts Laboratory). Successful completion of CH 103, 104 satisfies the laboratory science requirement for the A.A. degree. This course and CH 104 are recommended for students in programs offered by the Art and Photography Department. This sequence may not be used as part of the Mathematics or Science concentration in A.S. in Liberal Arts and Sciences curriculum. Not open to students who have completed CH 151, CH 152, CH 251, CH 252.~~

~~The origin of light absorption and emission. Light scattering, reflection and refraction and transmittance. The nature of color, color mixing, additive and subtractive color mixing. Chemical structure and properties of dyes, paints and pigments dispersed in oils, acrylic, water, etc. The physical properties of melt, waxes, and patinas for metals used in modern sculpting. The chemistry of art preservation and authentication of art objects. The hazards of chemicals used by artists. The principle of black and white and color photography.~~

To:

CH-103: Chemistry and The Arts- Lecture

Prerequisites: None

Hours and credits: 3 class hours, 3 credits

This course offers a general background in the connections between chemistry and the arts. Topics include light absorption and reflection; the nature of color; additive and subtractive color mixing; separation of mixtures; properties of paints and pigments; preservation and authentication of art objects; common chemical hazards; and the principles of photography.

Either CH 106 or a combination of CH 103 and 104 meets requirements for the A.A.S. degree in Digital Art and Design and are recommended for students in programs offered by the Art and Photography Department. These courses may not be used as part of the Mathematics or Science concentration in A.S. in Liberal Arts and Sciences curriculum and is not open to students who have completed CH-151, CH-152, CH-251 or CH-252.

Rationale: The edits above are not substantive and do not reflect any changes to the content of the course. An updated description of the course is required to make it consistent with the format of other course descriptions provided by the Chemistry Department.

4. CH-104: Chemistry and The Arts- Laboratory

From:

CH-104: Chemistry and The Arts- Laboratory

Prerequisite: CH-103

Hours: 2 laboratory hours, 1 credit

~~Successful completion the laboratory of CH-103, 104 satisfies science requirement for the A.A. degree. May not be used as part of the Mathematics or Science concentration required in the A.S. in Liberal Arts and Sciences curriculum.~~

~~Visible absorption spectroscopy. Synthesis of pigments. Dyeing with indigo; making tie-dye shirts. Manufacturing of gouache paint. Light fastness testing. Preparation of azodye (Para Red), and the pH effect on dyes. Separation of colored compounds by column chromatography and thin layer chromatography.~~

To:

CH-104: Chemistry and The Arts- Laboratory

Co-requisite: CH-103

Hours: 2 laboratory hours, 1 credit

This laboratory applies chemical theory and techniques to practices involved in creating works of art. Students use modern laboratory instrumentation and methods such as chromatography to make and examine materials used in art.

Not open to students who have completed CH-151, CH-152, CH-251 or CH-252.

Either CH-106, Chemistry and the Arts (lecture and laboratory combined) or CH-104 and CH 103 is required for the A.A.S. degree in Digital Art and Design and is recommended for students in programs offered by the Art and Photography Department. This course may not be used as part of the Mathematics or Science concentration in A.S. in Liberal Arts and Sciences curriculum and is not open to students who have completed CH-151, CH-152, CH-251 or CH-252.

Rationale: The edits above are not substantive and do not reflect any changes to the content of the course. An updated description of the course is required to make it consistent with the format of other course descriptions provided by the Chemistry Department.

5. CH-106: Chemistry and The Arts

From:

CH-106: Chemistry and The Arts (Combined Lecture and Lab)

Prerequisites: None

Credits and hours: 4 credits, 3 class hours, 2 laboratory hours

~~This course offers a general background in the application of Chemistry to Art. Topics include light absorption and emission; the nature of color; additive and subtractive color mixing; chromatographic separation of compounds; chemical properties, synthesis and use of dyes, paints and pigments; the chemistry of art preservation and authentication of art objects; the hazards of chemicals used by artists; and the principles of photography. Use of modern laboratory instrumentation will be used to examine the properties of art materials. This course is not open to students who have completed CH-151, 152, 251, or 252.~~

To:

CH-106: Chemistry and The Arts-Lecture and Laboratory

Prerequisites: None

Credits and hours: 4 credits, 3 class hours, 2 laboratory hours

This course offers a general background in the connections between chemistry and the arts. Topics include light absorption and reflection; the nature of color; additive and subtractive color mixing;

separation of mixtures; properties of paints and pigments; preservation and authentication of art objects; common chemical hazards; and the principles of photography. The laboratory component applies chemical theory and techniques to practices involved in creating works of art. Students use modern laboratory instrumentation and methods such as chromatography to make and examine materials used in art.

This course is required for the A.A.S. degree in Digital Art and Design and is recommended for students in programs offered by the Art and Photography Department. This course satisfies the laboratory science requirement for the A. A. degree. Completing CH-106 is equivalent to completing CH-103 and CH-104. This course may not be used as part of the Mathematics or Science concentration in A.S. in Liberal Arts and Sciences curriculum and is not open to students who have completed CH-151, CH-152, CH-251 or CH-252.

Rationale: The edits above are not substantive and do not reflect any changes to the content of the course. An updated description of the course is required to make it consistent with the format of other course descriptions provided by the Chemistry Department.

6. CH-110: Chemistry and the Environment

From:

CH-110: Chemistry and the Environment

Hours and credits: 3 class hours, 3 credits

~~It is recommended that students taking this course also take CH-111 (Environment Laboratory). Successful completion of CH-110, 111 satisfies the laboratory science requirement for the A.A. degree. Air, water, nuclear, pesticide, noise, and solid waste pollution discussed in terms of sources, effects, and control. Basic principles introduced as needed.~~

This is a ~~Writing Intensive~~ course with hands-on laboratory experiments where the role of chemistry in current environmental topics of interest to all citizens is examined. Topics covered include: Green Chemistry, Acid Rain, Destruction of Ozone layer, Greenhouse effect and Global Warming, Traditional and Alternative Energy sources, Air, Water and Land Pollution - sources, effects, detection and control / prevention. An emphasis is placed on the importance of practicing green chemistry in order to achieve a sustainable civilization. To satisfy the laboratory science requirement for the A.A. degree, students are required to take the CH-111 lab.

To:

CH-110: Chemistry and the Environment

Prerequisite: None

Hours and credits: 3 class hours, 3 credits

This is a lecture course with hands-on laboratory experiments where the role of chemistry in current environmental topics of interest to all citizens is examined. Topics covered include: Green Chemistry, Acid Rain, Destruction of Ozone layer, Greenhouse effect and Global Warming, Traditional and Alternative Energy sources, Air, Water and Land Pollution - sources, effects, detection and control / prevention. An emphasis is placed on the importance of practicing green chemistry in order to achieve a sustainable civilization. The Writing Intensive section includes writing assignments centered around these topics.

Successful completion of CH-110 satisfies the Life and Physical Sciences General Educations Core Requirement. To satisfy the laboratory science requirement for the A.A. degree, students are required to take the associated laboratory class CH-111. May not be used as part of the Mathematics or Science Concentration required in the A.S. in Liberal Arts and Sciences curriculum.

Rationale: The course has undergone significant changes since its inception, which are not reflected in the current course description. The course description has been changed to ensure consistency on CUNYFirst, the College Catalog, and the syllabus. The new description more accurately reflects the current requirements and content of the course.

7. CH-111: Environment- Laboratory

From:

CH-111: Environment-Laboratory

Hours and credits: 2 class hours, 1 credit

~~Successful completion of CH 110, 111 satisfies the laboratory science requirement for the Associate in Arts (A.A.) degree.~~

~~A general introductory course which may be taken with CH 110. Basic experimental design and data gathering and analysis emphasized along with methods used to evaluate pollutants in air and water. The theory and practice of chemical techniques and instruments used in analysis presented.~~

To:

CH-111 Chemistry and the Environment- Laboratory

Co-requisite: CH-110

Hours and credits: 2 class hours, 1 credit

An environmental chemistry laboratory course that should be taken with CH-110 (Chemistry and the Environment lecture). The role of chemistry in environmental processes is highlighted and explored. Basic experimental design and analysis are studied. Methods are introduced for the determination of some aspects of air and water quality. Laboratory techniques such as titrations, chromatography, use of the spectrophotometer, and Geiger- Muller counter are employed in pollutant determinations.

Successful completion of CH-110 and CH-111 satisfies the laboratory science requirement for the Associate in Arts (A.A.) degree. May not be used as part of the Science or Mathematics Concentration required in the A.S. in Liberal Arts and Sciences curriculum.

Rationale: The course has undergone significant changes since its inception, which are not reflected in the current course description. The course description has been changed to ensure consistency on CUNYFirst, the College Catalog, and the syllabus. The new description more accurately reflects the current requirements and content of the course. The course title has been changed due to the fact that it is incorrect as stated in the College Catalog and on CUNYFirst. The word “Chemistry” was mistakenly cut off in the title during previous years in both the descriptions in the College Catalog and consequently on CUNYFirst.

8. CH-120: Fundamentals of Chemistry

From:

CH-120: Fundamentals of Chemistry

Hours and credits: 3 class hours, 3 credits

~~It is recommended that students taking this course also take CH 121 (Fundamentals of Chemistry Laboratory). Successful completion of CH 120, 121 satisfies the laboratory science requirement for the A.A. degree. Students wishing to take CH 120 without CH 121 must obtain Departmental permission. A presentation of fundamental laws, theories, and principles of general chemistry. Minimal knowledge of mathematics is required.~~

To:

CH-120: Fundamentals of Chemistry

Prerequisite: None

Hours and credits: 3 class hours, 3 credits

This hybrid lecture and laboratory course covers the most fundamental laws, theories, and principles of general chemistry, including classification and properties of matter; measurements; elements and compounds; atomic theory and structure; the periodic table; chemical equations; the mole concept and stoichiometry; chemical bonding; and acids and bases. This course includes five experiments to give students hands-on experience with basic laboratory methods and application of theory. Knowledge of

basic mathematics is assumed. Students are strongly encouraged to also take CH-121 (Fundamentals of Chemistry Laboratory).

Successful completion of CH-120 and CH-121 satisfies the laboratory science requirement for the A.A. degree. This course is not open to students who have completed CH-127, 128, 151, 152, 251, or 252.

Rationale: The only changes are in the Course Description. All other aspects of the course are unchanged. If approved, the course description will appear the same on CUNYFirst, in the College Catalog, and on the course syllabus. The course description as it currently appears on CUNYFirst is vague. It does not indicate any of the topics covered and there is no mention that it is a hybrid lecture-laboratory course. It incorrectly states that Departmental permission must be obtained to take CH-120 without the complementary lab course CH-121. The new version correctly states that taking CH-121 is strongly encouraged. Although there are no math prerequisites for CH-120, students are expected to be familiar with basic mathematics (addition, subtraction, multiplication, division). Instructors dedicate significant class time teaching students to apply the math, but are not expected to teach basic math as new concepts. The statement “Minimal knowledge of mathematics is required” could be misleading. The revised statement “Knowledge of basic mathematics is assumed” is more clear and direct. Finally, the new version indicates that this introductory level course may not be taken by students who have already completed more advanced chemistry courses.

9. CH-121: Fundamentals of Chemistry-Laboratory

From:

CH-121: Fundamentals of Chemistry-Laboratory

Co-requisite: CH-120

Hours and credits: 2 laboratory hours, 1 credit

~~Successful completion of CH-120, 121 satisfies the laboratory science requirement for the Associate in Arts (A.A.) degree. Introduction to practical aspects of chemical principles. Experiments are designed to illustrate simple chemical principles and basic laboratory techniques. The aim is to provide a background to how chemical laws are derived, verified, and applied.~~

To:

CH-121 Fundamentals of Chemistry Laboratory

Co-requisite: CH-120

Hours and credits: 2 laboratory hours, 1 credit

This laboratory course complements CH-120 (Fundamentals of Chemistry) and provides basic knowledge of modern experimental chemistry. It demonstrates how chemical laws are derived, verified, and applied. It introduces essential laboratory methods and techniques including separations and chromatography; determination of density and melting and boiling points; electrical conductivity of solutions; qualitative analysis; chemical reactions and stoichiometry; pH analysis; and titration. Students are strongly encouraged to take CH-121 while taking CH-120.

Successful completion of CH-120 and CH-121 satisfies the laboratory science requirement for the A.A. degree. This course is not open to students who have completed CH-127, 128, 151, 152, 251, or 252.

Rationale: The only changes are in the Course Description. All other aspects of the course are unchanged. If approved, the course description will appear the same on CUNYFirst, in the College Catalog, and on the course syllabus. The current course description as it appears on CUNYFirst is vague. The new version more clearly notes the connection to CH-120 and indicates the experimental methods taught. It also states that students should take CH-121 while taking CH-120 and that this introductory level laboratory course may not be taken by students who have already completed more advanced chemistry courses.

10. CH-127 Introductory College Chemistry

From:

CH-127 Introductory College Chemistry

Hours and credits: 3 class hours, 3 laboratory hours, 4.5 credits

~~Recommended for students in Nursing, Medical Laboratory Technology program, and others planning to pursue careers in Allied Health curricula. Also recommended for those who expect to take CH-128 (Introductory Organic Chemistry). Students majoring in curricula other than Allied Health should register for CH-101, 102; CH-103, 104; CH-110, 111; CH-120, 121; CH-130, 131. Not open to students who have completed CH-120; CH-151, 152; CH-251, 252.~~

~~The basic principles and theories of college chemistry are covered, with emphasis on topics related to biological sciences. Topics include atomic structure, bonding, gas laws, solutions, and acid-base theory.~~

To:

CH-127 Introductory General Chemistry

Prerequisite: None

Hours and credits: 3 class hours, 3 laboratory hours, 4.5 credits

This course is the first semester of a two-semester sequence intended to provide students with basic knowledge of general chemistry. The second semester introduces organic chemistry (CH-128). Topics include units of measurement and dimensional analysis, elements and compounds, atomic structure, chemical bonding and chemical reactions, properties of solutions and chemical equilibrium, acid-base chemistry, physical states and gas laws, intra- and intermolecular forces, and nuclear chemistry. In the laboratory component, students apply the scientific method to explore natural phenomena using basic experimental techniques.

The course is a requirement for the B.S. or B.A. in Nursing, Nutrition, and other Allied Health Professions. It also satisfies the laboratory science requirement for the A.S. in Health Sciences, A.A. in Liberal Arts and Sciences (non-science concentration) and other non-science majors. This course is not open to students who have completed CH-151, CH-152, CH-251, and CH-252.

Rationale: The changes are in the Course Title and Description. All other aspects of the course are unchanged. The proposed changes to the course description will appear on CUNYFirst, in the College Catalog, and on the course syllabus. The course title was changed to be aligned with equivalent courses at other institutions and the second semester of the sequence and QCC and elsewhere. The course description was changed to ensure consistency on CUNYFirst, the College Catalog, and the syllabus. The new description more accurately reflects the current requirements and content of the course.

11. CH-128: Introductory Organic Chemistry

From:

CH-128: Introductory Organic Chemistry

Prerequisites: CH-120, CH-127 or CH-151

Hours and Credits: 3 lecture hours, 4 laboratory hours, 4.5 Credits

~~Not open to students who have completed CH-251. Recommended for students in Nursing, and others planning to pursue careers in Allied Health curricula, including those in the Medical Laboratory Technology program. May not be substituted for CH-251, but may be used as preparation for CH-251. Topics include the structure, properties, and reactions of organic functional groups, optical isomerism, stereochemistry, macromolecules, and biomolecules, such as fats, proteins, carbohydrates, and nucleic acids.~~

To:

CH-128: Introductory Organic Chemistry

Prerequisites: CH-120, CH-127 or CH-151

Hours and Credits: 3 lecture hours, 4 laboratory hours, 4.5 credits

This course is the second of a two-semester sequence and is intended to provide a brief, but thorough introduction to organic chemistry and biochemistry. The major functional groups such as hydrocarbons, alcohols, amines and carbonyl compounds are studied with some emphasis on nomenclature, reactions, and stereochemistry. Several aspects of organic chemistry related to biochemistry are also stressed including units on amino acids, enzymes, carbohydrates and lipids. The laboratory introduces students to the various synthetic methods for making organic compounds, as well as to purification techniques like distillation, recrystallization and extraction.

This course is recommended for students in Nursing and others planning to pursue careers in the Allied Health fields. It may be used as a preparation for CH-251, but may not be substituted for CH-251 and is not open to students who have already completed CH-251 or CH-252.

Rationale: Current course description was prepared more than 10 years ago, and has not been updated. Also the current description gives very limited information to students who are interested in the course. For example, it doesn't mention which organic functional groups are the focus of the course or the details of biochemistry included. Although many senior colleges have the equivalent courses to our CH-128 course in their curriculum, it seems hard to find the relationship between our introductory organic chemistry course and their equivalent ones based on the course description. To minimize inconvenience and confusion, the course description should be updated with detailed information about the course.

12. CH-151: General Chemistry I

From:

CH-151 General Chemistry I

Prerequisite: MA-119 and MA-121 or satisfactory score on the Mathematics Placement Test. Students who have not had high school chemistry are strongly advised to take CH-127 prior to CH-151.

Hours and credits: 3 class hours, 1 recitation hour, 3 laboratory hours, 4.5 credits

~~Matter and energy; stoichiometry; gas laws; phase equilibrium; periodicity of elements; atomic and molecular structure; bonding; molecular orbital theory; kinetic theory; states of matter and inter-molecular forces; atomic spectra; properties of solutions, enthalpy; electrolytes; colligative properties; acid-base neutralization.~~

To:

CH-151: General Chemistry I

Prerequisite: MA-119 and MA-121 or satisfactory score on the Mathematics Placement Test. Students who have not had high school chemistry are strongly advised to take CH-127 prior to CH-151.

Hours and credits: 3 class hours, 1 recitation hour, 3 laboratory hours, 4.5 credits

This course is the first part of a two-semester sequence that provides students with a fundamental knowledge of the modern theory in general and inorganic chemistry. It covers topics that are essential to many disciplines in science and technology, and the health professions, with an emphasis on developing problem-solving skills. Topics include matter and energy; chemical nomenclature; mass relationships and stoichiometry; reactions in aqueous solutions; gas laws and kinetic molecular theory; atomic structure and quantum theory; periodicity of elements; chemical bonding and molecular structure; states of matter and intermolecular forces; properties of solutions; and colligative properties. Laboratory work provides training in common experimental methods and hands-on application of theory. The students in Honors classes will attend scientific seminars and write a short paper.

Rationale: The only change to be made is in the Course Description. All other aspects of the course are unchanged. The course description as it currently appears in the College Catalog and on CUNYFirst is simply a list of topics that could appear in a college general chemistry course. However, the list does not

accurately reflect the current content of the course, nor does it provide any information about the laboratory component of the course. The new course description is presented in full and complete sentences, notes the most common programs of study with which it is associated, corrects the list of topics, and describes the laboratory. It also briefly distinguishes the Honors section from the other sections.

13. CH-152 General Chemistry II

From:

CH-152: General Chemistry II

Prerequisite: CH-151

Hours and credits: 3 class hours, 1 recitation hour, 3 laboratory hours, 4.5 credits

~~Kinetics; thermodynamics; gas phase equilibria; pH; dissociation of weak acids and bases; buffers; ionic equilibria; solubility product; hydrolysis; Nernst equation; electrochemistry; voltaic and electrolytic cells; Faraday's Law; nuclear chemistry; theory of analytic group separation and ion identification.~~

To:

CH-152: General Chemistry II

Prerequisite: CH-151

Hours and credits: 3 class hours, 1 recitation hour, 3 laboratory hours, 4.5 credits

This course is the second part of a two-semester sequence that provides students with a fundamental knowledge of the modern theory in general and inorganic chemistry. It covers topics that are essential to many disciplines in science and technology, and the health professions, with an emphasis on developing problem-solving skills. Topics include enthalpy, entropy, and free energy; chemical kinetics; chemical equilibrium in gaseous and aqueous systems; properties and equilibria of acids and bases; buffers and acid-base titrations; solubility and complex ion equilibria; qualitative analysis; electrochemistry and redox reactions; and an introduction to nuclear chemistry. Laboratory work provides training in common experimental methods and hands-on application of theory. The students in Honors classes will give 10-15 minute oral presentations on topics and concepts chosen from the course material. This course makes extensive use of computers and requires the development of scientific communication skills.

Rationale: The only change to be made is in the Course Description. All other aspects of the course are unchanged. The course description as it currently appears in the College Catalog and on CUNYFirst is simply a list of topics that could appear in a college general chemistry course. However, the list does not accurately reflect the current content of the course, nor does it provide any information about the laboratory component of the course. The new course description is presented in full and complete sentences, notes the most common programs of study with which it is associated, corrects the list of topics, and describes the laboratory. It also briefly distinguishes the Honors section from the other sections.

DEPARTMENT OF ENGINEERING TECHNOLOGY

New course

ET-232: Wireless Mobile Communications

Prerequisite: ET-704 or Department Permission

Hours and credits: 3 credits, 3 hours

This course covers the important aspects of mobile and wireless communications from the Internet to signals, access protocols and cellular systems, emphasizing the key area of digital data transfer.

Rationale: One of the key characteristics of today's society is that people are mobile. The devices and applications that we use today already show the great importance of mobile communications. We cannot make a precise prediction, but as a general feature, most computers in the future will certainly be

portable. Users, access networks with the help of computers or other communication devices without any wires, i.e., wirelessly. The term “wireless” only describes the way of accessing a network or other communication partners. The wire is replaced by the transmission of electromagnetic waves through ‘the air’ (although wireless transmission does not need any medium).

There are two different kinds of mobility: user mobility and device portability. User mobility refers to a user who has access to the same or similar telecommunication services at different places, that is, the user can be mobile and the services will follow him or her. Examples for mechanisms supporting user mobility are simple call-forwarding solutions known from the telephone or computer desktops supporting roaming (the desktop looks the same no matter which computer a user uses to log into the network).

With device portability, the communication device moves (with or without a user). Many mechanisms in the network and inside the device have to make sure that communication is still possible while the device is moving. A typical example for systems supporting device portability is the mobile phone system, where the technology itself hands the device from one radio transmitter (also called a base station) to the next if the signal becomes too weak.

This course will offer students practical insight into wireless network and medium issues and will empower students to deal with the growing need of most current technologies: mobile and wireless devices and the networks supporting them. Wireless communication is one of today’s most promising technological advances.

DEPARTMENT OF HISTORY

New course

HI-115: World History since 1500

Prerequisites: BE-122 (or 226) and BE-112 (or 205), or satisfactory score on the CUNY/ACT Assessment Test

Hours and credits: 3 hours, 3 credits

This course focuses on the history of globalization since 1500 and takes a look at 20th century events (Great War, Second World War, Cold War) from a global perspective. Due to the fact that these events are usually covered from a Western, namely European or US, perspective, this course will focus on regions that are usually overlooked. It will deal, for example, with Africa, the Middle East and South and Southeast Asia. The students will learn about the origins of our multicultural world in the 21st century and analyze culture based stereotypes and prejudices. Besides political and economic questions, the role of world religions and the big -isms (Colonialism, Nationalism, and Imperialism) will be explained and discussed.

Rationale: A course on World History since 1500 is needed to broaden the perspective of the students of QCC with regard to their own history. The multi-ethnic, multi-cultural perspective of living in the 21st century is highly influenced by the past. Different religions, traditions, and cultural heritages came into contact as a consequence of European expansion and their interrelationship was further developed by the history of world events. In contrast to Western Civilization classes this course will especially highlight the non-European world and thereby increase the general knowledge of our graduates.

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

New courses

MATH-905: Undergraduate Research in Mathematics and/or Computer Science I

Prerequisites: MA-440 or permission of the Department. Students need permission from the instructor in order to register for a section of this course. In addition, they need a letter of recommendation from a Math & CS instructor who has had the student in a college level class.

Hours and credits: 90 hours of research, 2 credits

MA-905 will focus on a specific research question or topic to be announced in advance and will vary each semester as well as it will vary by section. Descriptions of the research topic in a particular section in a

particular semester will be available in the Math & CS Department before registration. Areas of research include but are not limited to: Mathematical Modeling, Simulations, Computer Coding or Web Design, Statistical Research, Logic, Algebra, Geometry, Number Theory, Actuarial Science, Signal Processing, Mathematical Neuroscience, Dynamical Systems, Pedagogical Research (in Math), and History of Mathematics.

MATH-906: Undergraduate Research in Mathematics and/or Computer Science II

Prerequisites: MA 905 or permission of the Department. Students need permission from the instructor in order to register for a section of this course.

Hours and credits: 90 hours of research, 2 credits

MA 906 will be offered exclusively to student-faculty pairs working on a research question or topic started in MA 905 but that requires a second semester of research to be completed in a meaningful way.

Rationale (for MATH-905 and 906): Over the years, faculty members of the Math & CS department have mentored students in undergraduate research via Independent Study courses or Honors contracts. Because of the lack of a formal research class, the work of faculty and students engaged in research have not been differentiated from the work done in a traditional Independent Study class or from an Honors project -both of which do not necessarily call for original work the way “research” does. The college recently institutionalized Undergraduate Research as a High Impact Practice and in that light, the department considers that it is appropriate to establish a formal research course. Both the students and the faculty who participate in this High Impact Practice will receive the appropriate designation and credit. Ideally, the course will be offered every semester with the number of sections offered depending on the number of instructors available to supervise undergraduate research students. Currently, there are 16 students engaged in undergraduate research (Spring 2015) working under the supervision of 10 faculty mentors. Students enrolled in this course are expected to work on their research problems, independently, 6 hours per week.

**RESOLUTION OFFERED IN SUPPORT
OF FULL FUNDING OF CUNY
BY NEW YORK STATE AND THE CITY OF NEW YORK**

Whereas the preliminary budget submitted by Governor Cuomo for New York State eliminates funding for successful programs at the City University of New York, including Accelerated Study in Associate Degree Programs (ASAP);

Whereas these programs serve thousands of students and help them to flourish, as per recent research and reports by the MDRC, Inside Higher Ed, and The New York Times:

BE IT RESOLVED that the Academic Senate of Queensborough Community College calls for the restoration of full funding for the City University of New York in the New York State budget.



ACADEMIC SENATE

To: Dr. Peter Bales, Chair of the Steering Committee of the Academic Senate

From: Dr. Sharon Lall-Ramnarine, Chair of the Awards and Scholarships Committee

Date: March 4, 2015

Subject: \$50K Endowment from Steve Kasomenakis in memory of Professor Vicki Kasomenakis of the Business Department

The Awards and Scholarships Committee is pleased to make this announcement that we have recently been informed by Vice President Zins of this wonderful gift to our college. Steve Kasomenakis, the husband of the late Professor Vicki Kasomenakis has contributed a gift of \$50K to establish an endowment that will generate funds for The Business Society. Professor Vicki Kasomenakis, was a 1981 graduate of Queensborough Community College; an associate professor of accounting in the Business Department and the faculty advisor for The Business Society. The Business Society is a student-run and faculty coordinated organization that provides business majors the opportunity to meet with other students and provide them with a better insight to the real business world via special events, guest speakers and workshops. In recognition of this gift, The Business Society will be renamed The Vicki Kasomenakis Business Society.

Vice President Zins has notified the Awards and Scholarships committee and we wanted to notify you of this gift. The renaming of The Business Society is being ratified by Student Government. The Awards and Scholarships Committee is happy to endorse this endowment and the renaming of The Business Society.