Queensborough Community College
The City University of New York

<u>MINUTES</u>
of the March 13, 2012
Academic Senate

Interim President Diane Call called the sixth regularly scheduled meeting of the Academic Senate to order at 3:17 p.m.

I. **Attendance:**

The complete Senate roster is available at
http://www.qcc.cuny.edu/governance/academicSenate/roster.html

As determined from the attendance taken by the i-clickers at the meeting, there were fifteen absentees.

Blake- Campbell, Barbara	Gray, Peter	SG President Pro Tempore
Gray, Peter	Holden, Todd	SG Programming VP
Jue, Chong	Luby, John	SG VP for PT Students
SG VP for Evening Students	Weber, Craig	
James Valentino	SG Administrative VP	
SG Executive VP	SG Treasurer	

II. Consideration of minutes of the February 14, 2011:

- A **motion** was **made**, **seconded**, and unanimously **approved** to approve the February 14, 2012 minutes (*Attachment A of the March 13, 2012 Agenda*).   This vote was passed unanimously.

III. Communications from:

Interim President Call: Interim President Call referred to her written report
(Attachment B of the March 13, 2012 Agenda)

- President Call began her report with news that the referendum on our revised Queensborough Community College Governance Plan has been accepted as presented by the faculty and students of our College.

- President Call congratulated all our faculty leaders, especially Professor Tarasko, Dr. Tai, Dr. Pecorino and Dr. Bales who helped shape and advance important revisions in our Governance Plan. She thanked them for their dedication to the College and commitment to shared governance—and she thanked all those faculty and students who participated in this referendum.

- President Call gave an update on enrollment. Advisement and registration for Summer sessions and the Fall 2012 semester began March 5th. Our goal to advise all *continuing* students by June 30th. She urged faculty to encourage current students to complete their advisement/registration process as early as possible. President Call thanked Ann Tullio for her hard work.

55
56 • President Call discussed a scholarship opportunity for students who are close to 30 credits
57   (or half of their total degree credit requirements) after this semester. The scholarship will
58   allow them to take a QCC course for free this summer. For more information, please contact
59   Dean Michele Cuomo in the Office of Academic Affairs. She will be contacting eligible
60   students in May. Those students eligible to graduate in either June or August should apply
61   for graduation through the CUNYfirst system.
62
63 • President Call announced that on March 13, 2012 the Dean's list ceremony will be held for
64   students who completed half their degree programs in 1 year.
65
66 • This year's Commencement is scheduled for June 1, 2012. All faculty and HEOs are
67   expected to participate.
68
69 • President Call gave an update on Pathways. The University is using our template and
70   accepting some rationale that we issued.
71
72 • Our faculty representatives on the CUNY review committees are:
73   o English Composition, **Dr. Linda Reesman**, Professor and Chairperson of English
74   o Mathematical and Quantitative Reasoning, **Dr. Joseph Bertorelli**, Professor and
75   previous chairperson, Mathematics and Computer Science
76   o Life and Physical Sciences, **Dr. Paris Svoronos**, Professor and previous
77   Chairperson, Chemistry
78   o World Cultures and Global Issues, **Dr. Edmund Clingan**, Associate Professor,
79   History
80   o U.S. Experience in its Diversity, **Dr. Peter Bales**, Associate Professor, Social
81   Sciences and History
82   o Creative Expression, **Professor Georgia McGill**, Professor and Chairperson,
83   Speech Communication and Theatre Arts
84   o Individual and Society**, Dr. Joseph Culkin**, Professor and Chairperson, Social
85   Sciences
86   o Scientific World, **Dr. Bryn Mader**, Associate Professor, Biological Sciences and
87   Geology
88
89
90
91 • President Call congratulated all faculty and staff who have been awarded grants for their research
92   and programs: **Queensborough has been awarded a $1 million grant from the NYS**
93   **Environmental Facilities Corporation to renovate our main parking lot, under the Green**
94   **Innovation Grant Program. Dean Arthur Perkins of Campus Facilities, authored the**
95   **proposal and will serve as project director.**
96
97 • President Call welcomed Ms. Laura Kotkin, who has been named the Director of
98   Development. Ms. Kotkin began her career at QCC, and most recently served in this position
99   at the CUNY Law School.
100
101
102 • President Call completed her report by reminding everyone to attend these upcoming events:
103
104   • Elections for our 2012-13 Student Government Executive Board will be held from March
105   23 through March 29. Faculty and staff are asked to alert students to this governance
106   process, and encourage them to meet the candidates at a Forum on Wednesday, March
107   21 from 1 --3 PM in the Humanities quad—and to vote!
108
109

110 • The Academic Senate has begun its process of application for/election to membership on
111   Academic Senate Committees and/or as Senators at Large. The electoral process will
112   begin with filing nominating petitions (due March 8) in advance of elections in April.
113   Faculty have been sent further information from the Committee on Committees via QCC
114   email.
115
116 • On Wednesday, March 21, a celebration of our newly tenured faculty colleagues and
117   those with CCE will be held at 4:00 PM in the Oakland Dining Room. Honorees include:
118   ***Dr. Margot Edlin, Professor Christina Tucker-Manzo, Ms. Annette Perez-Lopez, Mr.***
119   ***Ken Mohan, Mr. Peter Irigoyen, Ms. Susan Hock, Mr. Bahar Baheri, Mr. Ernie***
120   ***Jackson, Ms. Diane Carey, Ms. Elise Denbo and Mr. Weier Ye.***
121
122 • The Office of Career Services will host our annual Job Fair on Wednesday March 21st in
123   the Student Union. All students are invited to participate in this event, which offers an
124   increasingly rare opportunity for our students to present themselves to employers for
125   summer, part and full time employment.
126
127
128 • Our Technology Fee Intern Awards Reception will be held on Wednesday, March 28 at 4
129   p.m. in the Oakland Dining Room. Tech Fee interns serve in tech support roles in a
130   number of departments, including in IT staffing the Help Desk, in our Learning Centers,
131   and in the ACC. More than 15 interns have gone on to become full time staff members at
132   QCC.
133
134 • The Spring 2012 Faculty Meeting will be held on Wednesday, April 4 from 1:00 PM to
135   3:00 PM in M 136. Sponsored by the Faculty Executive Committee, this meeting
136   combines updates and actions on faculty business, as well as informative presentations
137   and discussions on topics of importance to our academic community. The FEC also holds
138   annual elections for several important college committees. All faculty are encouraged to
139   attend in the April 4 meeting, and to consider seeking membership on such committees
140   as Student Discipline, Academic Review, Academic Integrity, and the Boards of the QCC
141   Association and Auxiliary Enterprises. Faculty will receive additional information about
142   the election process in the coming weeks.
143
144 • Partners for Progress will be held April 26, 2012.
145
146
147 **Senate Steering Committee**: Chair Tai referred to her written report:
148   (*Attachment C of the March 13, 2012 Agenda*) focusing on some of
149   the following:
150
151 • Chair Tai reminded faculty and staff who are interested in continuing on a committee on which
152   they currently serve that committee membership *must be applied for every year*. There are no
153   "automatic" committee appointments, so we hope all interested members of faculty and HEOs
154   have submitted applications.
155
156 • Members of faculty, HEOs, and Adjuncts will be invited to nominate themselves or colleagues to
157   run for the Academic Senate. Chair Tai encouraged members of our college community to
158   consider service on this important body.
159
160
161
162
163
164
165

166   **V. Monthly Reports of Standing Committees of the Academic Senate**
167

168   • Committee on Curriculum (Attachment F)- RESOLUTION
169   The Committee on Curriculum has acted to send the following recommendation to the Academic
170   Senate.
171

172   • **New Courses in Math**
173

174   **DEPARTMENT of MATHEMATICS and COMPUTER SCIENCE**
175

176   **MA-119 College Algebra** 4 class hours   3 credits
177

178   **Prerequisites:** MA-010 or exempt from remedial mathematics, or permission of the department.
179   **Co-requisites:** May be taken as a co-requisite to MA-121
180   **Description:** A basic presentation of the fundamental concepts of college algebra. Systems of
181   linear equations, inequalities, linear, quadratic, exponential and logarithmic functions.
182

183   **Rationale:**
184   This course will replace MA 120 for non-STEM students. STEM students will take MA 119 (this
185   course – College Algebra) plus MA 121 (Trigonometry). Looking at the statistics for Spring and
186   Fall 2011, approximately 80% of QCC students taking MA 120 are non-STEM students. These
187   students do not need trigonometry for their curriculum. The trend in mathematics education is to
188   allow different tracks for students with different educational goals. Baruch, CSI, Hunter, John
189   Jay, Queens, and York do not include trigonometry in their College Algebra courses, therefore
190   MA 119 should satisfy their requirements for a College Algebra course. Students who complete
191   MA 119 with a C or better will be able to take MA 336 (Statistics) and MA 303 (Number Systems).
192   The goal is to improve students' chances of succeeding in College Algebra and increase the
193   pipeline for MA 336 and MA 303.
194

195   o A **motion** was **made**, **seconded**, and unanimously **approved** to approve the new
196   courses in Math (*Attachment F of the March 13, 2012 Agenda)*.
197

198   New Courses in **DEPARTMENT of ELECTRICAL and COMPUTER ENGINEERING**
199   **TECHNOLOGY**
200

201   **ET-375 Introduction to Robotics** 3-Hours Lecture, 3-Hours Laboratory, 4-Credits
202   **Prerequisite:** ET-510 or ET 540 or ET-110 or permission of the ECET Department
203   **Co-requisite:** None
204   **Description:**
205

206   This course is designed to introduce robotic construction, programming, operation and basic
207   theory to the students. Topics included are electronic components, analog and digital signals,
208   CPU, microcontroller, I/O ports, continuous rotation and servo motors, light sensors, ultrasonic
209   sensors, IR sensors, encoders, robot controllers, structure and motion of a robot, power, and
210   programming of robots. Also covered are building a gear formation, speed and torque, transmitter
211   and receiver, and autonomous mobile robots. Students will construct and test microcontroller
212   based robots in the laboratory.
213

214   **Rationale:**   The field of robotics is one of the fastest growing fields in engineering and
215   technology around the world. Students desire this course to stay informed with this emerging
216   technology and the demand for a course in robotics is high. The field of robotics utilizes
217   electronics, mechanics, and computer programming concepts to design and build a mobile

218 robotic system, which is capable of autonomous behavior. Teamwork is essential in order to
219 successfully construct a functioning robot. An exciting aspect of robotics is that it offers
220 activities for everyone on the team including electronic design, mechanical design, electronic
221 construction, mechanical construction, and computer programming. Robotics provides a
222 unique opportunity for students and teachers to apply their knowledge of mathematics and
223 science, along with their hands on skills, to build a practical autonomous robot. One of the
224 best parts of the experience of designing and building a robot is that the team members learn
225 from and help each other. Therefore, all of the team members can make positive
226 contributions to the project whether they enjoy applying their theoretical knowledge, hands on
227 skills, artistic abilities, or management skills. The expected enrollment for this course will be
228 about 20 students per semester.
229
230   o   A **motion** was **made**, **seconded**, and unanimously **approved** to approve the new
231   courses in ECET (*Attachment F of the March 13, 2012 Agenda)*.
232
233 **New Courses in: DEPARTMENT of SPEECH and THEATRE**
234 **TH134 Stage Makeup**   1 lecture hour & 2 studio hours/week 2 credits
235 **Prerequisites**: (and/or) co-requisites: none
236 **Description:**
237 Theory and practice of theatrical stage makeup. Project based learning with a concentration on the
238   design and practical application of stage makeup for a variety of characters. Proper use of tools
239   and materials used in the application of stage makeup techniques. Comprehension of terminology
240   and function used in makeup design.
241
242 **Rationale:**
243   The creation of this course addresses a concern voiced by our external reviewers during
244   programmatic review. Additionally, the skills taught in this course are supportive of student
245   work in practicum courses and enhances their employability in the theatre. During the two
246   semesters during which the course was offered as an experimental course, we discovered
247   that students were able to grasp and employ the elemental design concepts covered in the
248   course enthusiastically and with more ease than in some other design offerings. Students
249   took great pride in the creative work accomplished in this course, often choosing to publish
250   their work electronically. TH 134 should go on to serve as a foundational course to other
251   theatre design courses. The course had strong enrollment and ran successfully as devised.
252   The scheduling of the course will be adjusted so that it is offered in one 3 hour segment
253   rather than across two days to allow for a lab period that will better support the lecture.
254
255   o   A **motion** was **made**, **seconded**, and unanimously **approved** to approve the new
256   courses in Speech and Theatre(*Attachment F of the March 13, 2012 Agenda)*.
257
258 **Removal of Courses in:DEPARTMENT of MATHEMATICS and COMPUTER SCIENCE**
259
260   **MA-120   COLLEGE ALGEBRA AND TRIGONOMETRY**
261 **Pre-requisite:** MA-010 or MA-013 or satisfactory score on the Mathematics Placement Test
262 **Hours:** 3 Class Hours   2 Recitation Hours   3 Credits
263
264   o   A **motion** was **made**, **seconded**, and unanimously **approved** to remove MA-120
265   (*Attachment F of the March 13, 2012 Agenda)*.
266
267 **Course Revisions in: DEPARTMENT of HEALTH , PHYSCIAL EDUCATION and DANCE**
268
269 **HE-102 Critical Issues in Health Education:** Change in Title and Description
270 **From:** HE 102 **[**Critical Issues in Health Education**]**
271 **Description:**

272   This is a [concentrated] course [of study involving research and discussion of critical
273   health issues dealing with] mental health, addictions and [dependencies], exercise, [diet],
274   human sexuality, major diseases and their [relation to morbidity and longevity]. [Students
275   are also required to attend Health Lecture Series programs and/or related field
276   experiences as a complement to classroom activities].

277

278   **To:** HE 102   <u>Health, Behavior and Society</u>
279   **Description:**
280   This fundamental course focuses on the relationship between health and human behavior by
281   exploring the psychological, biological, and socio-cultural perspectives of health. Topics for
282   discussion emphasize disease prevention and lifelong health promotion for the individual and the
283   community. Learning experiences are designed to enable students to develop analytical
284   reasoning skills in order to make informed health decisions and to promote and maintain wellness
285   across diverse cultures. This course will examine major health areas of importance to the
286   individual and society including nutrition, mental health, stress, sexuality, exercise science and
287   addictions.

288

289   **Rationale:** The revised title and description expands and updates the current health areas.

290

291   **IS-151 Health of the Nation**   Change in Title and Description

292

293   **From: IS-151 Health of the Nation** *2 hours, 2 credits*
294   Prerequisites and/or co-requisites: *none*
295   **Description:**
296   This course provides an examination of the health status of different populations in the United
297   States. Concepts of epidemiology, health promotion and disease prevention are discussed. The
298   characteristics of special populations are addressed, as are some of the major threats to the
299   health, safety and welfare of individuals and society.
300   Friendly amendment to withdraw to withdraw IS 151

301

302   **To:**   **HE-151** Health and the Nations *2 hours, 2 credits*
303   **Description:**
304   This course examines global public health issues throughout the world. The health status of
305   diverse populations as well as the major threats to the health, safety and welfare of society will be
306   discussed. Strategies to control the spread of major diseases and the impact of local, national
307   and international policy decisions on individuals and communities will be explored. Topics for
308   discussion include food ecology, health disparities, access to health care, controlling infectious
309   disease, and reducing environmental hazards.

310

311   **Rationale:**

312   The proposed title will more precisely describe this course. The focus of the course has shifted
313   from a wholly domestic health perspective to a more global health approach.

314
315

316   **PE-540** Introduction to Physical Fitness   1 credit, 2 hours
317   Prerequisites and/or co-requisites: none

318

319   **From**:
320   **Description:**
321   [This course is designed to introduce the importance of lifetime physical activity. This course
322   uses non-competitive, cooperative games, lead-up activities and traditional sports, to implement
323   major fitness components in an environment that puts the emphasis on fun.]

324

325   **To**:
326   **Description:**

327   A comprehensive approach to preparation of a physically active lifestyle, this course focuses on
328   building sound exercise and activity habits that can carry on throughout one's lifetime. Emphasis
329   will be on an extensive review of physical fitness components, design and initiation of a personal
330   fitness plan, and active engagement during fitness activities
331
332
333   **<u>Rationale:</u>**
334
335   The revised description (and subsequent course program) is needed to adequately reflect current
336   trends regarding health, physical education and physical fitness. The prevalence of obesity in our
337   society speaks to the importance of physical fitness knowledge and practice among our student
338   body. Contrary to the original course description, physical fitness does not necessarily need to be
339   acquired through sports, lead-up activities nor cooperative games. The new course direction will
340   focus on personal physical fitness assessment, programming, and practice. It will also be
341   designed as a complementary course to HE-102 Health, Behavior and Society.
342
343   •   Senator Weiss asked to postpone the changes made to IS 151. This was accepted as a
344   **friendly amendment.**
345
346   o   A **motion** was **made**, **seconded**, and **approved** with one negative vote from Senator
347   Asser and one abstention from SG President to approve the courses revisions in
348   HPED (*Attachment F of the March 13, 2012 Agenda)*.
349
350   **Course Revisions in: DEPARTMENT of CHEMISTRY**
351
352   **CH-151 General Chemistry I**
353   **<u>FROM</u>**: Prerequisite<u>:</u> MA-120 or satisfactory score on the Mathematics Placement Test.
354   **TO: <u>Prerequisite:</u>** MA-**<u>119 and MA-121</u>** or satisfactory score on the Mathematics
355   Placement Test.
356
357
358   o   A **motion** was **made**, **seconded**, and **approved** with three negative votes from
359   Senators Stark, Lieberman and Pantaleo and one abstention from SG President to
360   approve the new changes to CH-151 (*Attachment F of the March 13, 2012 Agenda)*.
361
362   **Course Revisions in: DEPARTMENT of MATHEMATICS and COMPUTER SCIENCE**
363
364   **MA-121   ELEMENTARY TRIGONOMETRY   Hours:** 1 Class Hours   <u>1 Credit</u>
365   **FROM:** Co-requisite: May be taken as a co-requisite to MA-119. May be taken as a co-
366   requisite to MA-440 for students who have passed an intermediate algebra or college
367   algebra course that has no trigonometry with a C or better.
368   **TO:** Co-requisite: May be taken as a co-requisite to MA-119. May be taken as a co-
369   requisite to MA-440 for students who have passed with a grade of C or better an
370   intermediate algebra or college algebra course that has no trigonometry.
371
372   **MA-128 Calculus for Technical and Business Students**
373   **FROM:** Prerequisite: MA-114 or MA-120 with a grade of C or better , or the equivalent.
374   **TO:** Prerequisite: MA-114 with a grade of C or better or MA-119 and MA-121 with a
375   grade of C or better in both courses, or the equivalent.
376
377
378   **MA-240**
379   **FROM:** Prerequisite: MA-120 or MA-114, or satisfactory score on the Mathematics
380   Placement Test.

381 **TO:** Prerequisite: MA-119 and MA-121 or MA-114, or satisfactory score on the
382 Mathematics Placement Test, Level II.
383
384
385 **MA-250**
386 **FROM:** Prerequisite: MA-120 or MA-114, or satisfactory score on the Mathematics
387 Placement Test, Level II.
388 **TO:** Prerequisite: MA-119 and MA-121 or MA-114, or satisfactory score on the
389 Mathematics Placement Test Level II.
390
391
392 **MA-260**
393 **FROM:** Prerequisite: MA-120 or MA-114.
394 **TO:** Prerequisite: MA-119 and MA-121 with a grade of C or better in both courses or MA-
395 114 with a grade of C **or better**.
396
397
398 **MA-303**
399 **FROM**: Prerequisite: MA-120.
400 **TO:** Prerequisite: MA-119   with a grade of C or better.
401
402
403 **MA-336**
404 **FROM: COMPUTER-ASSISTED STATISTICS**
405
406 Computer Assisted Statistics
407 Prerequisite: MA-120 or MA-114 with a grade of C or better or satisfactory score on the
408 Mathematics Placement Test, Level II.
409 **TO: STATISTICS**
410 Prerequisite: MA-119 with a grade of C or better or MA-114 with a grade of C or better or
411 satisfactory score on the Mathematics Placement Test, Level II.
412 **Description:**
413 This course is an introduction to statistics and the use of a professional statistical
414 software package. Topics include: descriptive statistics; probability; binomial and normal
415 distributions; sampling; confidence intervals and tests of hypotheses.
416
417
418 **MA-440**
419 **FROM**: Prerequisite: MA-114 or MA-120 with a grade of C or better,or satisfactory score
420 on the Mathematics Placement Test, Level II.
421 **TO:** Prerequisite: MA-119 and MA-121 with a grade of C or better in both courses, or
422 MA-114 with a grade of C or better, or satisfactory score on the Mathematics Placement
423 Test, Level II.
424
425 o   A **motion** was **made**, **seconded**, and **approved** with one negative vote from SG
426 President to approve the new courses revisions in Mathematics and Computer
427 Science (*Attachment F of the March 13, 2012 Agenda)*.
428
429
430 **Course Revisions: DEPARTMENT of PHYSICS**
431
432
433 **PH-140**
434 **FROM:** Co requisite: MA-321 or MA-120 or MA-114 , or the equivalent
435 **TO**: Co requisite: MA-321 or MA-119 and MA-121 or MA-114 , or the equivalent

436
437
438   **PH-201**
439   **FROM:** Prerequisite: MA-114 or MA-120 or the equivalent, or satisfactory score on the
440   Mathematics Placement Test, Level II.
441   **TO:** Prerequisite: MA-114**,** or MA-119 and MA-121 or the equivalent, or satisfactory score on
442   the Mathematics Placement Test, Level II.
443
444
445   **PH-240**
446   **FROM:** Prerequisite: Permission of the Department based on one laboratory course in science or
447   technology; MA-114, MA-120   or the equivalent; and ET-501, PH-303, BU-500 or the equivalent.
448   **TO:** Prerequisite: Permission of the Department based on one laboratory course in science or
449   technology; MA-114, MA-119 and MA-121   or the equivalent; and ET-501, PH-303, BU-500 or
450   the equivalent.
451
452
453   **PH-301**
454   **FROM:** Prerequisite: MA-120 or MA-114 or equivalent or permission of the department.
455   **TO:** Prerequisite: MA-119 and MA-121 or MA-114 or equivalent or permission of the
456   department.
457
458   o   A **motion** was **made**, **seconded**, and **approved** with one abstention from SG
459   President to approve the new changes in the Physics Dept. (*Attachment F of the*
460   *March 13, 2012 Agenda).*
461
462
463
464
465
466
467   **Changes to Degree Programs**   [to be removed] **to be added**
468
469   Changes resulting from the removal of MA 120 and its replacement with MA-119 and MA-121
470
471   1.) **Understanding the Sequence of Remedial Coursework**

472   Mathematics Courses:
473   Math [120] **119** the Math requirement for the A.A. degree in Liberal Arts and Sciences and the A.S. meets
474   Degree in Visual and Performing Arts.
475   It is STRONGLY advised that students planning to transfer to Queens College take 120] 119 prior to
476   transferring.
477   Students planning to transfer into business programs at Baruch College are strongly advised to complete
478   120] **119 and MA 121** (if required) and MA-440 and MA-441.
479
480   **2.) Courses with remedial Contact Hours or Credit Equivalents**
481   Math [120] **-119** Credits 3.0 equated credits [5.0] **4.0**
482   MA-114*, 119, [120], 121
483
484   APPLIED AND SPECIALIZED COURSES: Mathematics (Page 70)

485   MA-114*, 120, 119 and 121, …

486   *MA-114, 120, 119 and 121, …

487

488
489 **3.) Requirements for the Associate in Arts (A.A.) degree component for the Dual Joint Degree**
490 **program with Queens Colleg**e, **Liberal Arts and Sciences and Education**
491 MA-303 number systems
492 NOTE: If required based upon QCC/CUNY Math Placement Test, Math [120] **-119** must be completed
493 prior to MA-303.
494
495 **4.) Liberal Arts and Sciences –Associate in Arts (A.A.) Degree**
496 Mathematics 3-4
497 Students may select from one of the following:
498 Math [120] **-119***, 301,303,315,321,336,440,441,442
499 *Math [120] **-119*** fulfills the mathematics requirement only for the A.A. in Liberal Arts and Sciences and
500 for the A.S. in Visual and Performing Arts.
501
502 **5.) QCC/John Jay Dual/Joint Degree Program: A.S. in Criminal justice .   (catalogue page 107)**
503
504 [MA-120 College Algebra and Trigonometry   3]
505 **MA-119 College Algebra   3**
506 **MA-121 Trigonometry   1**
507
508 SUGGESTED SEQUENCE OF COURSES
509 **MA-119 College Algebra   3**
510 **MA-121 Trigonometry   1**
511
512 Note: Students who place out of MA-[120] **-119**   should take BU-203 (John Jay equivalent is STA 250),
513 which means junior year skills course requirement in the B.A. in Criminal Justice program at John Jay
514 College.
515
516 **6.) Liberal Arts and Sciences (Mathematics and Science) A.S. (Page 110 in catalogue)**
517 **Notes box** changes
518 Mathematics MA-114, **119**, 120, **121**,128, 321, 240, 250,260, 261.
519
520 **7.) Gallery and Museum Studies-Associate in Science A.S. Degree**
521 MA-301 or -[120] **-119**   Mathematics………..3
522 MA-301 or -[120] **-119**   Foundations of Mathematics or [College Algebra and Trigonometry………..3]
523 **College Algebra 3**
524
525 **8.) Visual and Performing Arts - Associate in Science A.S. Degree**
526 Math [120] **-119**, 301,303,321,336,440,441……3-4
527
528 **9.) Chemistry**
529 CH-151 General Chemistry I
530   Prerequisite: MA-[120] **-119 and MA-121** or satisfactory score on the Mathematics Placement
531   Test.
532
533 **10.) Mathematics**
534
535 MA-128 Calculus for Technical and Business Students
536 Prerequisite: MA-114 **with a grade of C or better** or MA--[120] **-119 and MA-121** with a grade of C or
537 better **in both courses**, or the equivalent.
538 MA-240
539   Prerequisite: MA-[120] **-119 and MA-121** or or MA-114, or satisfactory score on the
540   Mathematics Placement Test.
541 MA-250
542   Prerequisite: MA-[120] **-119 and MA-121** or MA-114, or satisfactory score on the Mathematics
543   Placement Test, Level II.

544
545   MA-260
546   Prerequisite: MA-[120] **-119 and MA-121** with a grade of C or better in both courses or MA-114
547   **with a grade of C or better**.
548
549   MA-303
550   Prerequisite: MA-[120] **-119   with a grade of C or better**.
551
552   MA-336 [Computer Assisted Statistics] **Statistics**
553   Prerequisite: MA--[120] **-119**   with a grade of C or better in both courses or MA-114 with a grade of C or
554   better or satisfactory score on the Mathematics Placement Test, Level II.
555
556   MA-440
557   Prerequisite: MA--[120] **-119 and MA-121** with a grade of C or better **in both courses**, or MA-114 **with**
558   **a grade of C or better, or** satisfactory score on the Mathematics Placement Test, Level II.
559
560   **11.) Physics**
561
562   PH-140
563   Corequisite: MA-321 or MA-[120] **-119 and MA-121** with a grade of C or better in both courses or MA-
564   114 , or the equivalent
565
566   PH-201
567   Prerequiste: MA-114 or MA-[120] **-119 and MA-121** with a grade of C or better in both courses or the
568   equivalent, or satisfactory score on the Mathematics Placement Test, Level II.
569
570   PH-240
571   Prerequiste: Permission of the Department based on one laboratory course in science or technology; MA-
572   114, MA-[120] **119 and MA-121**   with a grade of C or better in both courses or the equivalent; and ET-
573   501, PH-303, BU-500 or the equivalent.
574
575   PH-301
576   Prerequisite: MA-[120] **-119 and MA-121** with a grade of C or better in both courses or MA-114 or
577   equivalent or permission of the department.
578
579   Note: Students may not receive credit for both MA-114 and MA-[120] **-119 **.
580
581
582   **Students who pass MA-114 may not also receive credit for MA-119, MA-120 or MA-121.**
583   **Neither MA-119 nor MA-121 may be used as part of the 20-25 credit concentration in the A.S. in**
584   **Liberal Arts and Sciences (Mathematics).**
585
586
587   •   A question was brought up by Senator Culkin on procedure- should the departments involved
588   in the QCC/John Jay Dual Degree Program been given a chance to further discuss these
589   changes?
590
591   •   VP Steele suggested all stakeholders should have a chance to be advised of the changes.
592
593   o   A **motion** was **made**, **seconded**, and **approved** with two abstentions from SG
594   President and Senator Kolios to approve the changes to all degree programs
595   EXCEPT QCC/John Jay Dual Degree Program. This was accepted as a **Friendly**
596   **Amendment** to withdraw this change until the departments and all stakeholders talk
597   in more detail.
598   (*Attachment F of the March 13, 2012 Agenda)*.
599

600   VI. Old Business
601   • Statement on Pathways (Faculty) (*Attachment H of the March 13, 2012 Agenda*).
602
603   • Dr. Bales iintroduced the **Resolution on the PATHWAYS PROCESS and RESOLUTIONS**
604   **of the CUNY BOT** and described this vote as a symbolic action.
605
606   **Resolution on**
607   **the PATHWAYS PROCESS and RESOLUTIONS of the CUNY BOT**
608
609   WHEREAS the CUNY Board of Trustees and the Office of the Chancellor has implemented
610   "Pathways" as a means to establish a universal core studies curriculum at CUNY as a means to
611   ease transfer between its diverse colleges; and
612
613   WHEREAS the "Pathways" committees have been appointed by University administration rather
614   than elected by the duly constituted governance bodies or faculty at both the college (Academic
615   Councils and Senates) and the University level (the University Faculty Senate) that are proposing
616   a new core curriculum for all of CUNY; and
617
618   WHEREAS this process stands in direct violation of the Academic Freedom Rights of the
619   faculties, students, and administrators of the individual colleges of CUNY to make their own
620   academic judgments to establish their own degree requirements; and
621
622   WHEREAS the Chancellery's and Board of Trustee's prohibition of required prerequisites and
623   GPA's for core courses will result in a lowering of academic standards in General Education
624   courses; and
625
626   WHEREAS the proposed "core" fails to include sufficient instruction in numerous areas, including
627   but not limited to mathematics, foreign language, natural science, historical studies, philosophy,
628   political science and Health; and
629
630   WHEREAS the Pathways Project provides for the inadequate, arbitrary and capricious constraint
631   of a 30 credit Common Core and a 12 credit College Option for the baccalaureate curriculum;
632
633   WHEREAS Queensborough and the other colleges of CUNY were given only two weeks to
634   respond to the draft Common Core proposal;
635
636   Be it RESOLVED that the Academic Senate of CUNY/Queensborough, comprised of faculty,
637   students, and administrators, questions the legitimacy of the process by which "Pathways" has
638   been implanted, and we believe that "Pathways" curricular changes are harmful to the academic
639   reputation of Queensborough and the City University of New York, the careers of our graduates
640   and faculty, and to shared governance and academic freedom.
641
642   Be it further RESOLVED that while the Academic Senate of CUNY/Queensborough recognizes
643   the need to address transfer issues, it recommends that the "Pathways" initiatives be suspended
644   by CUNY and fundamentally rethought in order to assist the colleges of CUNY to establish more
645   dual-joint degree programs, enhanced articulation agreements and website assistance with
646   transfer advisement to facilitate and support transfer and at the same time maintain the academic
647   quality of all CUNY degree programs.
648
649
650
651   • A **motion** was **made**, **seconded**, and **approved** with seven negative votes from President Call,
652   VP Hartigan, VP Steele, Liza Larios, Sherri Newcomb, Denise Ward and Rosemary Zins and
653   four abstentions from Senators Rochford, Colalillo, Edlin and Salis to approve the **Resolution on**

654   **the PATHWAYS PROCESS and RESOLUTIONS of the CUNY BOT** (*Attachment H of the*
655   *March 13, 2012 Agenda).*
656
657
658
659   **The meeting was adjourned at 3:57 PM**
660
661   **Respectfully Submitted,**
662
663   **Lana Zinger EdD, CHES, R.D.   (Secretary)**
664   **Steering Committee of the Academic Senate.**

665