Call to Order: 12:25 P.M., F. Moore

Approval of the Agenda of May 15, 2014: Agenda approved by unanimous voice vote.

Approval of the Minutes of April 24, 2014: Minutes approved by unanimous voice vote.

Action Items:

a. Curriculum Committee: (see attached report) H. Clampman presented changes in existing degree programs. All changes were approved unanimously by voice vote. After a motion to waive the two-meeting rule was passed unanimously by voice vote, the requested name change for the AA Liberal Arts and Sciences: Secondary Education was also approved by unanimous voice vote.

b. Common Core Course Review Committee (CCSRC): The adoption of guidelines for membership on CUNY’s CCCRC was discussed. The discussion centered on who should be eligible to serve. An amendment to include tenured assistant professors and lecturers with CCE was proposed and a motion was made to approve it. The motion did not pass with 27 for, 5 opposed, and 7 abstentions. A motion was made to approve the nomination language as presented. Discussion ensued. The motion did not pass with 13 for, 20 opposed, and 4 abstentions. A motion to reconsider the first item was dismissed. The matter will return at the September Senate meeting.

c. Election of Members to the Campus Security Committee: The call went out for nominations. Ten names were received, two more were needed. Jay Wang (Math) and Nicole Knight (Business) were added. A motion was made to approve the list of 12 names. The motion passed by unanimous voice vote.

5. Committee Reports

a. Academic Standing: no report
b. **Curriculum:** (see attached report) The annual report will be distributed at the first meeting in September.

c. **Governance and Elections:** A. McInerney reported the annual report is not yet ready. The committee is still working on the expressive conduct policy. McInerney reminded the Senate there was one more day to vote for representation to the UFS. Regarding the interim chair policy, the committee is at a stalemate. The matter will be revisited in the fall.

d. **Instruction and Professional Development:** V. Walker noted that the committee has been working throughout the semester on how the information they collect in the faculty survey can be used. A. Lal spoke in favor of the survey. F. Moore spoke for the Senate in suggesting the survey be sent out. V. Walker reminded that the following day was a faculty development day.

e. **Space, Facilities, and Physical Plant:** no report

f. **Student Activities:** no report

g. **Student Government Association:** A reminder to vote for representatives.

h. **University Faculty Senate:** L. Lawton reiterated A. McInerney’s call to vote for representation to the UFS.

i. **University Student Senate:** no report

j. **Vice-Presidents and Deans:** no report

k. **Community Relations and Special Events:** R. Ben-Nun reported the committee came up with new language for the mission statement, but it was lost due to a technological malfunction.

6. **President’s Report:** President Berotte Joseph reported on the strong showing that BCC had with regard to the PSC-CUNY Research Award Program and the Community College Grants. The President reported on the recent Run the Bronx event where over 1000 participated. There were teams from all colleges and an official photographer from CUNY. The granddaughters of architect [Stanford White](https://en.wikipedia.org/wiki/Stanford_White) were welcomed to the college. The President offered congratulations for the recent Bronx EdTech Showcase held on campus. The President encouraged faculty to attend campus events celebrating students. She also spoke about the Geospatial program. The President reported on a meeting with the Domestic Violence Commissioner. Additionally, she reported the State Education department invited the Bronx to write a grant for bilingual education. Finally, the President congratulated the Senate for their service.

7. **Announcements and Reports:**

   a. **Chairperson:** no report

   b. **Faculty Council:** no report

   c. **Vice-Chairperson:** no report

   d. **Vice-Presidents and Deans:** C. Schrader reported that grades are due on May 28th. Schrader seconded the President’s call for faculty to attend student ceremonies and reminded of the upcoming Commencement.

8. **Auxiliary Enterprises:** no report

9. **BCC, Inc.:** H. Skinner reported on a City Hall demonstration.

10. **New Business:** Regarding the PMP, President Berotte Joseph reported the Chancellor has asked for CUNY Presidents input. Each area of the school will solicit feedback regarding assessment of the past year as well as goals for the next year. This information is due to
CUNY by the end of June. It was suggested that the Senate Executive Committee hold a special summer meeting and to share with the Counsel of Chairs. Goals will be reviewed with the Chancellor in the fall. N. Ritze disseminated information on University goals and targets as well as sectors. Speaking about CUNY Cares, A. Depay announced she was posting pictures of BCC faculty and students on social media using the hashtag “Bring Back our Girls” to join in the global outcry about the kidnapped girls in Nigeria.

11. **Adjournment:** 1:35 P.M.

Respectfully Submitted,

[Signature]

Debra Gonsher, Secretary
with assistance by Ellen Mareneck and Dr. Teresa Fisher, Department of Communication Arts and Sciences

**Handouts:**
- Curriculum Committee report
- PMP report
To: Members of the College Senate  
From: Professor Howard A. Clampman, Chairperson Curriculum Committee  
Date: May 15, 2014  
Subject: Report of Actions by the Curriculum Committee through 05/13/2014

1. Actions previously reported to the Senate

   (a) New Option in Existing Degree Program

<table>
<thead>
<tr>
<th>Program Title</th>
<th>Date approved by Curriculum Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Liberal Arts &amp; Sciences AA Degree Program – Secondary Education Option</td>
<td>04-01-14</td>
</tr>
<tr>
<td>(unanimous show of hands with one abstention, three meeting rule waived)</td>
<td></td>
</tr>
</tbody>
</table>

   (b) Change in Existing Degree Program

<table>
<thead>
<tr>
<th>Program Title</th>
<th>Date approved by Curriculum Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Digital Arts AAS Degree Program (unanimous show of hands vote)</td>
<td>04-01-14</td>
</tr>
<tr>
<td>2. From: Medical Laboratory Technology AAS Degree Program To: Medical</td>
<td>04-01-14</td>
</tr>
<tr>
<td>Laboratory Technician AAS Degree Program (unanimous show of hands vote,</td>
<td></td>
</tr>
<tr>
<td>three meeting rule waived)</td>
<td></td>
</tr>
<tr>
<td>3. Liberal Arts &amp; Sciences AS Degree Program – Earth Systems &amp;</td>
<td>04-01-14</td>
</tr>
<tr>
<td>Environmental Science Option (unanimous show of hands vote)</td>
<td></td>
</tr>
<tr>
<td>4. Paralegal Certificate Program (unanimous show of hands vote, three</td>
<td>04-01-14</td>
</tr>
<tr>
<td>meeting rule waived)</td>
<td></td>
</tr>
<tr>
<td>5. Automotive Technology AAS Degree Program (unanimous show of hands vote,</td>
<td>04-01-14</td>
</tr>
<tr>
<td>three meeting rule waived)</td>
<td></td>
</tr>
</tbody>
</table>

   (c) Change in Department Name

<table>
<thead>
<tr>
<th>Department Name</th>
<th>Date approved by Curriculum Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. From: Biology &amp; Medical Laboratory Technology To: Biological Sciences</td>
<td>04-01-14</td>
</tr>
<tr>
<td>(unanimous show of hands vote, three meeting rule waived)</td>
<td></td>
</tr>
</tbody>
</table>
2. Actions reported to the Senate for the first time

(a) Change in Existing Degree Program Option Name

<table>
<thead>
<tr>
<th>Program Title</th>
<th>Date approved by Curriculum Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. From: Liberal Arts and Sciences AA Degree Program – Education Option</td>
<td>05-13-14</td>
</tr>
<tr>
<td>To: Liberal Arts and Sciences AA Degree Program – Early Childhood and Childhood Education (unanimous show of hands vote, three meeting rule waived) a</td>
<td>05-13-14</td>
</tr>
</tbody>
</table>

A waiver of the Senate’s two-meeting rule will be sought for this option name change. The change was viewed as routine by the Curriculum Committee. None of the coursework or other requirements in the option are affected by this change. The change is merely an update to current terminology.
### AIII: Changes in Degree Programs

#### AIII.1 New Option in Secondary Education (Teacher Education Transfer) in the Liberal Arts and Sciences A.A. program offered by the Department of Education and Reading.

<table>
<thead>
<tr>
<th>From:</th>
<th>To:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OPTION IN SECONDARY EDUCATION (TEACHER EDUCATION TRANSFER).</strong></td>
<td><strong>OPTION IN SECONDARY EDUCATION (TEACHER EDUCATION TRANSFER).</strong></td>
</tr>
<tr>
<td><strong>Course Description</strong></td>
<td><strong>Course Description</strong></td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td><strong>Credits</strong></td>
</tr>
<tr>
<td><strong>Required Core</strong></td>
<td><strong>Required Core</strong></td>
</tr>
<tr>
<td>A. English Composition</td>
<td>A. English Composition</td>
</tr>
<tr>
<td></td>
<td>6</td>
</tr>
<tr>
<td>B. Mathematical and Quantitative Reasoning</td>
<td>B. Mathematical and Quantitative Reasoning</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td>C. Life and Physical Sciences (^1)</td>
<td>C. Life and Physical Sciences</td>
</tr>
<tr>
<td></td>
<td>3-4</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>Subtotal</strong></td>
</tr>
<tr>
<td>12-13</td>
<td>12-13</td>
</tr>
<tr>
<td><strong>Flexible Core</strong></td>
<td><strong>Flexible Core</strong></td>
</tr>
<tr>
<td>A. World Cultures and Global Issues</td>
<td>A. World Cultures and Global Issues</td>
</tr>
<tr>
<td></td>
<td>6</td>
</tr>
<tr>
<td>B. U.S. Experience in its Diversity</td>
<td>B. U.S. Experience in its Diversity</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td>C. Creative Expression</td>
<td>C. Creative Expression</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td>D. Individual and Society</td>
<td>D. Individual and Society</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td>E. Scientific World</td>
<td>E. Scientific World</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td><strong>SUBTOTAL</strong></td>
<td><strong>SUBTOTAL</strong></td>
</tr>
<tr>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td><strong>Required Areas of Study I</strong></td>
<td><strong>Required Areas of Study</strong></td>
</tr>
<tr>
<td>Note: Students will complete a minimum of six credits of these requirements within the Flexible Core. Transfer students who have complete Common Core requirements at a previous institution will not be required to complete credits in excess of the 60 credit requirement.</td>
<td>Note: Students will complete a minimum of six credits of these requirements within the Flexible Core. Transfer students who have complete Common Core requirements at a previous institution will not be required to complete credits in excess of the 60 credit requirement.</td>
</tr>
<tr>
<td>ART 11 Introduction to Art History \textbf{OR}</td>
<td>ART 11 Introduction to Art History \textbf{OR}</td>
</tr>
<tr>
<td>ART 12 Introduction to Art History: Africa, the Americas, Asia and the Middle East</td>
<td>ART 12 Introduction to Art History: Africa, the Americas, Asia and the Middle East \textbf{OR}</td>
</tr>
<tr>
<td>MUS 11 Introduction to Music \textbf{OR}</td>
<td>MUS 11 Introduction to Music \textbf{OR}</td>
</tr>
<tr>
<td></td>
<td>0-3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>COMM 11</td>
<td>Fundamentals of Interpersonal Communication</td>
</tr>
<tr>
<td>COMM 20</td>
<td>Public Speaking and Critical Listening</td>
</tr>
<tr>
<td>HIS 10</td>
<td>History of the Modern World OR</td>
</tr>
<tr>
<td>HIS 11</td>
<td>Introduction to the Modern World</td>
</tr>
<tr>
<td>PSY 11</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>MODERN LANGUAGES</td>
<td>Choose from FRN, ITL, POR, OR SPN</td>
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</tbody>
</table>

**Subtotal**: 3-15

**Specialization Requirements For Option**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEA</td>
<td>Select any Physical Education course OR</td>
<td>1-2</td>
</tr>
<tr>
<td>HLT 91</td>
<td>Critical Issues in Health</td>
<td>1-2</td>
</tr>
<tr>
<td>LAB</td>
<td>Lab Science</td>
<td>0-1</td>
</tr>
<tr>
<td>EDU XX</td>
<td>Educational Foundations of Middle and High School</td>
<td>3</td>
</tr>
<tr>
<td>EDU YY</td>
<td>Multicultural Perspectives of Middle and High School</td>
<td>3</td>
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<tr>
<td>Restricted Elective*</td>
<td></td>
<td>6-8</td>
</tr>
<tr>
<td>Free electives</td>
<td></td>
<td>4-13</td>
</tr>
</tbody>
</table>

**Subtotal**: 12-14

1 This requirement is satisfied if a student takes 4-credit STEM variant course in Required Area C.
2 Choose from any ENG course above ENG 16 with the exception of ENG 23.

**Rationale**: The proposed Liberal Arts and Science A.A. Secondary Education Option prepares students for entry in to middle and high school teacher preparation programs at senior colleges. This option is available at, and transfers to other CUNY colleges.
PART A: ACADEMIC MATTERS

Section AIII: Changes in Degree Programs

AIII.1 Proposed revisions for the A.A.S. in Digital Arts, Graphic Design and Web Design Option

Program Code: 87112
Hegis Code: 5012

<table>
<thead>
<tr>
<th>From Course</th>
<th>To Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Required Core</td>
<td>Required Core</td>
<td></td>
</tr>
<tr>
<td>A - English Composition</td>
<td>A - English Composition</td>
<td></td>
</tr>
<tr>
<td>ENG 10 Fundamentals of Composition and Rhetoric OR</td>
<td>ENG 10 Fundamentals of Composition and Rhetoric OR</td>
<td></td>
</tr>
<tr>
<td>ENG 11 Composition and Rhetoric I</td>
<td>ENG 11 Composition and Rhetoric I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 12, ENG 14, ENG 15 OR ENG 16</td>
<td>ENG 12, ENG 14, ENG 15 OR ENG 16</td>
<td>3</td>
</tr>
<tr>
<td>B - Mathematical and Quantitative Reasoning</td>
<td>B - Mathematical and Quantitative Reasoning</td>
<td></td>
</tr>
<tr>
<td>MTH 21 Survey of Mathematics I OR</td>
<td>MTH 21 Survey of Mathematics I OR</td>
<td></td>
</tr>
<tr>
<td>MTH 23 Probability and Statistics</td>
<td>MTH 23 Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>C - Life and Physical Science</td>
<td>C - Life and Physical Science</td>
<td></td>
</tr>
<tr>
<td>SCI (select from AST, BIO, CHM, ENV, ESE or PHY)</td>
<td>SCI (select from Required Core C or Flexible Core E)</td>
<td>3</td>
</tr>
<tr>
<td>Flexible Core</td>
<td>Flexible Core</td>
<td></td>
</tr>
<tr>
<td>A - World Cultures and Global Issues</td>
<td>A - World Cultures and Global Issues</td>
<td></td>
</tr>
<tr>
<td>HIS 10 History of the Modern World OR</td>
<td>HIS 10 History of the Modern World OR</td>
<td></td>
</tr>
<tr>
<td>HIS 11 Introduction to the Modern World</td>
<td>HIS 11 Introduction to the Modern World</td>
<td>3</td>
</tr>
<tr>
<td>C - Creative Expression</td>
<td>C - Creative Expression</td>
<td></td>
</tr>
<tr>
<td>ART 11 Introduction to Art</td>
<td>ART 11 Introduction to Art History OR</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>ART 12 Intro to Art History: Africa, the Americas, Asia, &amp; the Middle East</td>
<td>3</td>
</tr>
<tr>
<td>D - Individual and Society</td>
<td>D - Individual and Society</td>
<td></td>
</tr>
<tr>
<td>COMM 11 Fundamentals of Interpersonal Communication</td>
<td>COMM 11 Fundamentals of Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>A-D - Select one from Flexible Core A, B, C, or D.</td>
<td>A-D - Select one from Flexible Core A, B, C, or D.</td>
<td></td>
</tr>
<tr>
<td>Humanities Elective (Select one from ANT, COMM, ECO, ENG, GEO, HIS, MOD LAN, MUS 11, PHI, POL, PSY, or SOC)</td>
<td>Humanities Elective</td>
<td>3</td>
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<tr>
<td>Subtotal: 24</td>
<td>Subtotal: 24-25</td>
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</table>

Flexible Core

Required Areas of Study

- PEA Physical Education activity course OR
- HLT 91 Critical Issues in Health
- Lab Credit
- Free Elective

Subtotal: 4-13

Required Areas of Study

- PEA Physical Education activity course OR
- HLT 91 Critical Issues in Health
- Free Elective

Subtotal: 3-4
<table>
<thead>
<tr>
<th>Specialization Requirements</th>
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<th>Specialization Requirements</th>
<th>Subtotal: 24</th>
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<tr>
<td>ART 15 Design Basics</td>
<td>2</td>
<td>ART 15 Design Basics</td>
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<tr>
<td>ART 21 Drawing</td>
<td>2</td>
<td>ART 21 Drawing</td>
<td>2</td>
</tr>
<tr>
<td>ART 22 Painting</td>
<td>2</td>
<td>ART 22 Painting</td>
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</tr>
<tr>
<td>ART 55 Modern Art</td>
<td>3</td>
<td>ART 55 Modern Art</td>
<td>3</td>
</tr>
<tr>
<td>ART 56 Graphic and Digital Design History</td>
<td>3</td>
<td>ART 56 Graphic and Digital Design History</td>
<td>3</td>
</tr>
<tr>
<td>ART 72 Digital Photography</td>
<td>2</td>
<td>ART 72 Digital Photography</td>
<td>2</td>
</tr>
<tr>
<td>ART 79 Typographic Design</td>
<td>2</td>
<td>ART 79 Typographic Design</td>
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</tr>
<tr>
<td>ART 82 Illustration</td>
<td>2</td>
<td>ART 82 Illustration</td>
<td>2</td>
</tr>
<tr>
<td>ART 84 Digital Imaging</td>
<td>2</td>
<td>ART 84 Digital Imaging</td>
<td>2</td>
</tr>
<tr>
<td>ART 86 Digital Illustration</td>
<td>2</td>
<td>ART 86 Digital Illustration</td>
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</tr>
<tr>
<td>ART 87 Web Design</td>
<td>2</td>
<td>ART 87 Web Design</td>
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<td><strong>Subtotal: 24</strong></td>
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<table>
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<tr>
<th>Graphic Design Option Requirements</th>
<th>Subtotal: 8</th>
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<th>Subtotal: 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 81 Typography and Layout</td>
<td>2</td>
<td>ART 81 Typography and Layout</td>
<td>2</td>
</tr>
<tr>
<td>ART 89 Publication Design</td>
<td>2</td>
<td>ART 89 Publication Design</td>
<td>2</td>
</tr>
<tr>
<td>ART 90 Graphic Design Project</td>
<td>2</td>
<td>ART 90 Graphic Design Project</td>
<td>2</td>
</tr>
<tr>
<td>ART 91 Design Portfolio OR</td>
<td></td>
<td>ART 91 Design Portfolio OR</td>
<td></td>
</tr>
<tr>
<td>ART 32 Printmaking OR</td>
<td></td>
<td>ART 32 Printmaking OR</td>
<td></td>
</tr>
<tr>
<td>ART 41 Ceramics OR</td>
<td></td>
<td>ART 41 Ceramics OR</td>
<td></td>
</tr>
<tr>
<td>ART 95 Intro to 3D Graphics and Animation</td>
<td>2</td>
<td>ART 95 Intro to 3D Graphics and Animation</td>
<td>2</td>
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</table>

<table>
<thead>
<tr>
<th>Web Design Option Requirements</th>
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</thead>
<tbody>
<tr>
<td>ART 88 Web Animation</td>
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<td>ART 88 Web Animation</td>
<td>2</td>
</tr>
<tr>
<td>ART 93 Web Design Project</td>
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<td>ART 93 Web Design Project</td>
<td>2</td>
</tr>
<tr>
<td>MUS 13 Sound Design</td>
<td>2</td>
<td>MUS 13 Sound Design</td>
<td>2</td>
</tr>
<tr>
<td>ART 97 Web Portfolio OR</td>
<td></td>
<td>ART 97 Web Portfolio OR</td>
<td></td>
</tr>
<tr>
<td>ART 32 Printmaking OR</td>
<td></td>
<td>ART 32 Printmaking OR</td>
<td></td>
</tr>
<tr>
<td>ART 41 Ceramics OR</td>
<td></td>
<td>ART 41 Ceramics OR</td>
<td></td>
</tr>
<tr>
<td>ART 95 Intro to 3D Graphics and Animation</td>
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<td>2</td>
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<td><strong>Subtotal: 8</strong></td>
<td></td>
<td><strong>Subtotal: 8</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Total: 60**

Rationale: Changes were made to allow students to choose either a 3 or 4-credit science course in Required Core C or Flexible Core E and a choice of Art 11 or Art 12 in Flexible Core C. To include new course offerings or Humanities courses with new appellations, change was made to allow students to select any course from Flexible Core A, B, C or D to fulfill their Humanities elective.
Part A: Academic Matters, Section AI: Special Actions

AI.1. Change in the name of the Department of Biology and Medical Laboratory Technology.

RESOLVED, that the Department of Biology and Medical Laboratory Technology at Bronx Community College be renamed the Department of Biological Sciences, effective September 1, 2014.

EXPLANATION: The Department of Biology and Medical Laboratory Technology wishes to change its name to the Department of Biological Sciences since additional programs within the department, such as Biotechnology, are not reflected in the current name and this may mislead students into not identifying these options. In addition, the Medical Laboratory Technology program is being renamed the Medical Laboratory Technician program, in accordance with the State Department of Education directive. The action is a name change only and does not affect the tenure or seniority status of any faculty member in the Department.

Part A: Academic Matter, Section AIII: Change in Name of Program

AIII.1 Change in the name of the AAS in Medical Laboratory Technology Program

HEGIS Code: 5205

Program Code: 00387

| FROM: AAS in Medical Laboratory Technology | TO: AAS in Medical Laboratory Technician |

Rationale: This name change is mandated by the New York State Department of Education. The change of name will simply bring the formal name into compliance with universal current usage. No changes are being proposed to the requirements of the major itself.
Section AIII: Changes in Degree Programs

AIII.1 The following revisions are proposed for the A.S. Degree – Liberal Arts and Sciences Program: A.S. – Liberal Arts and Sciences (Earth Systems and Environmental Science Option) Program Code: Effective: Fall 2014

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REQUIRED CORE</strong></td>
<td><strong>REQUIRED CORE</strong></td>
</tr>
<tr>
<td>A. English Composition (6 Credits)</td>
<td>A. English Composition (6 Credits)</td>
</tr>
<tr>
<td>B. Mathematical and Quantitative Reasoning</td>
<td>B. Mathematical and Quantitative Reasoning</td>
</tr>
<tr>
<td>MTH 30 Pre-Calculus Mathematics OR MTH 31 Analytic Geometry &amp; Calculus I (4 Credits)</td>
<td>MTH 30 Pre-Calculus Mathematics OR MTH 31 Analytic Geometry &amp; Calculus I (4 Credits)</td>
</tr>
<tr>
<td>C. Life and Physical Sciences</td>
<td>C. Life and Physical Sciences</td>
</tr>
<tr>
<td>CHM 11 -Fundamentals of General Chemistry (4 Credits)</td>
<td>CHM 11 -Fundamentals of General Chemistry (4 Credits)</td>
</tr>
<tr>
<td><strong>Sub Total</strong></td>
<td><strong>Sub Total</strong></td>
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<tr>
<td>14</td>
<td>14</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>FLEXIBLE CORE (select any one course from each of the buckets below)</th>
<th>FLEXIBLE CORE (select any one course from each of the buckets below)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. World Cultures and Global Issues (3 Credits)</td>
<td>A. World Cultures and Global Issues (3 Credits)</td>
</tr>
<tr>
<td>B. U.S. Experience and its Diversity (3 Credits)</td>
<td>B. U.S. Experience and its Diversity (3 Credits)</td>
</tr>
<tr>
<td>C. Creative Expression (3 Credits)</td>
<td>C. Creative Expression (3 Credits)</td>
</tr>
<tr>
<td>D. Individual and Society (3 Credits)</td>
<td>D. Individual and Society (3 Credits)</td>
</tr>
<tr>
<td>E. Scientific World</td>
<td>E. Scientific World</td>
</tr>
<tr>
<td>CHM 12 General Chemistry II (4 Credits)</td>
<td>CHM 12 General Chemistry II (4 Credits)</td>
</tr>
<tr>
<td>Restricted Elective - Select one course from above i.e. A-E. (3 Credits)</td>
<td>Restricted Elective - Select one course from above i.e. A-E. (3 Credits)</td>
</tr>
</tbody>
</table>

It is recommended that students take either GISXX or GISYY to fulfill free elective credits.
<table>
<thead>
<tr>
<th>SPECIALIZATION REQUIREMENTS</th>
<th>SPECIALIZATION REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 31 Analytical Geometry &amp; Calculus I (0-4 Credits)</td>
<td>MTH 31 Analytical Geometry &amp; Calculus I (0-4 Credits)</td>
</tr>
<tr>
<td>MTH 32 Analytical Geometry &amp; Calculus II (5 Credits)</td>
<td>MTH 32 Analytical Geometry &amp; Calculus II (5 Credits)</td>
</tr>
<tr>
<td>Specialization requirements for option (17-18 Credits)</td>
<td>Specialization requirements for option (18 Credits)</td>
</tr>
<tr>
<td>Free Electives (0-4 Credits)</td>
<td>Free Electives (0-4 Credits)</td>
</tr>
<tr>
<td><strong>Sub Total</strong> 27</td>
<td><strong>Sub Total</strong> 27</td>
</tr>
</tbody>
</table>

Required Areas of Study

EARTH SYSTEMS AND ENVIRONMENTAL SCIENCE OPTION

CHM 27 Principles of Laboratory Safety (2 Credits)

CHM 33 Quantitative Analysis (4 Credits)

Choose any two of the three courses below:

ESE 11 Earth Systems Science : The Earth (4 Credits) OR
ESE 12 Earth Systems Science : The Atmosphere (4 credits) OR
ESE 13 Earth Systems Science : The Ocean (4 Credits)

ESE 21 Earth Systems Science: The Environment (4 Credits)

**Sub Total** 18

**Total Credits** 60

Rationale: Geographic Information System (GIS) and Remote Sensing (RS) are important tools in the study of STEM and Non-STEM disciplines. They enable analysis, modeling, visualization and simulation of different types of data. They help in revealing relationships between different types of data that help us in understanding the environment, social values, demographic characteristics, impacts of development and sustainability etc. Geospatial technologies are emerging areas of study in U.S., and also a field in which there is high demand for skilled labor.
Section AIII: Changes in Certificate Programs

AIII.1 The following revisions are proposed for the Paralegal Certificate Program

Program Code:  
Proposed Changes: Removal of ACC 11 and BUS 11; addition of ACC 111 and BUS 111

<table>
<thead>
<tr>
<th>From Course Description</th>
<th>To Course Description</th>
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<tbody>
<tr>
<td>DAT 10</td>
<td>DAT 10</td>
</tr>
<tr>
<td>LAW 17</td>
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<td>LAW 19</td>
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<td>LAW 41</td>
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<td>LAW 98</td>
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<td>LAW 52*</td>
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<td>LAW 62*</td>
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<td>LAW 91*</td>
<td>LAW 91*</td>
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<td>LAW 92*</td>
<td>LAW 92*</td>
</tr>
<tr>
<td>ACC 11**</td>
<td>ACC 11**</td>
</tr>
<tr>
<td>BUS 11**</td>
<td>BUS 11**</td>
</tr>
<tr>
<td>TAX 11**</td>
<td>TAX 11**</td>
</tr>
</tbody>
</table>

Total Credits 30-31

*Choose two out of eight courses
** Choose one out of three courses
+ Department permission required

Rationale: The Paralegal Certificate program is being modified to include two new courses, ACC 111 and BUS 111 and remove ACC 11 and BUS 11. The two new courses were run experimentally in Fall 2013 and have been presented for inclusion as permanent courses.
### Section AIII: Changes in Degree Programs

**AIII.1 The following revisions are proposed for the Automotive Technology program**

**Program:** A.A.S. in Automotive Technology  
**Program Code:** 19075  
**HEGIS Code:** 5306.00  
**Revision:** A change in the choice of Pathways Flexible Core Areas for the Humanities elective is proposed.

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required Core</strong></td>
<td><strong>Required Core</strong></td>
</tr>
</tbody>
</table>
| A. English Composition  
  ENG 10 Fundamentals of Composition and Rhetoric OR  
  ENG 11 Composition and Rhetoric I  
  ENG 12 Composition and Rhetoric II  
| A. English Composition  
  ENG 10 Fundamentals of Composition and Rhetoric OR  
  ENG 11 Composition and Rhetoric I  
  ENG 12 Composition and Rhetoric II  |
| C. Life and Physical Sciences  
  CHM 11 General Chemistry I OR  
  CHM 17 Fundamentals of General Chemistry I  
| C. Life and Physical Sciences  
  CHM 11 General Chemistry I OR  
  CHM 17 Fundamentals of General Chemistry I  |
| **Flexible Core** | **Flexible Core** |
| A. World Cultures and Global Issues  
  HIS 10 History of the Modern World OR  
  HIS 11 Introduction to the Modern World  
| A. World Cultures and Global Issues  
  HIS 10 History of the Modern World OR  
  HIS 11 Introduction to the Modern World  |
| B. US Experience in its Diversity or C. Creative Expression Humanities electives**  
| D. Individual and Society  
  COMM 11 Fundamentals of Interpersonal Communications  
| E. Scientific World  
  PHY 11 College Physics I  
| Restricted electives†  
| **Required Areas of Study** | **Required Areas of Study** |
| MTH 13 Trigonometry and College Algebra  
PEA Physical Education activity course OR  
WFA 10 Workplace First Aid  
ART 10 Art Survey OR  
MUS 10 Music Survey  
ELC 15 Computer Applications in Technology  
| MTH 13 Trigonometry and College Algebra  
PEA Physical Education activity course OR  
WFA 10 Workplace First Aid  
ART 10 Art Survey OR  
MUS 10 Music Survey  
ELC 15 Computer Applications in Technology  |

Subtotal 23  
Subtotal 7
<table>
<thead>
<tr>
<th>Specialization Requirements</th>
<th>Specialization Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS 10 Introduction to Automotive Technology</td>
<td>ACS 10 Introduction to Automotive Technology</td>
</tr>
<tr>
<td>ACS 11 Engine Repair</td>
<td>ACS 11 Engine Repair</td>
</tr>
<tr>
<td>ACS 12 Brake Systems</td>
<td>ACS 12 Brake Systems</td>
</tr>
<tr>
<td>ACS 22 Automatic Transmission and Transaxle</td>
<td>ACS 22 Automatic Transmission and Transaxle</td>
</tr>
<tr>
<td>ACS 23 Heating and Air-Conditioning</td>
<td>ACS 23 Heating and Air-Conditioning</td>
</tr>
<tr>
<td>ACS 24 Electrical Systems</td>
<td>ACS 24 Electrical Systems</td>
</tr>
<tr>
<td>ACS 35 Alternate Fuel Systems OR</td>
<td>ACS 35 Alternate Fuel Systems OR</td>
</tr>
<tr>
<td>ACS YY Hybrid/Electric Vehicles</td>
<td>ACS YY Hybrid/Electric Vehicles</td>
</tr>
<tr>
<td>Subtotal 21</td>
<td>Subtotal 21</td>
</tr>
</tbody>
</table>

Option I: Automotive Technology

| ACS 13 Engine Performance | ACS 13 Engine Performance |
| ACS 14 Manual Drive Tran and Axles | ACS 14 Manual Drive Tran and Axles |
| ACS 21 Steering and Suspension Systems | ACS 21 Steering and Suspension Systems |
| Subtotal 9 | Subtotal 9 |

Option II: Diesel Technology

| ACS 45 Diesel Technology | ACS 45 Diesel Technology |
| ACS 46 Diesel Engine Performance | ACS 46 Diesel Engine Performance |
| ACS XX Air Brakes and Suspension | ACS XX Air Brakes and Suspension |
| Subtotal 9 | Subtotal 9 |

Total credits required 60

Total credits required 60

1 3 credits of Humanities Restricted Electives must be selected to fulfill Pathways Flexible Core Areas B or C. In order to get the broadest college experience, it is advised that the Humanities elective be chosen from disciplines OTHER THAN COMM, MEST, or HIS.

Rationale: Selection of electives from Pathways Flexible Core Areas A through D has been added to allow students greater flexibility in scheduling. It will also increase the number of courses for which they may receive Financial Aid without seeking a departmental variance.
AIII.1 The following revisions are proposed for the Associate in Arts in Liberal Arts and Sciences – Education Option

Program: Liberal Arts and Sciences – Education Option

Program Code: 00379

Effective: Fall 2014

Proposed Changes: Change the Option name from Education to Early Childhood and Childhood Education.

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Option Title:</td>
<td>Option Title: Early Childhood and Childhood Education</td>
</tr>
</tbody>
</table>

Rationale: The proposed change of title of the existing Liberal Arts and Sciences-Education Option will provide for the students a clearer indication of the Education Specialization Requirements that lead to entry into early childhood and childhood teacher preparation programs at senior colleges.
THE CITY UNIVERSITY OF NEW YORK PERFORMANCE MANAGEMENT PROCESS GOALS
2014-15 ACADEMIC YEAR

All colleges will be responsible for making annual progress on the eight university goals (section A), the relevant sector goals (section B), and a set of three to five focus area goals to be determined by the college (section C). Listed beneath each numbered goal in sections A and B are one or more indicators which will serve as the standard measure of progress for that goal. Standard metrics that do not apply to a particular college will be replaced by alternate metrics to be developed by the college in collaboration with the central office. Standard metrics will be prepared by the Central Office of Institutional Research and Assessment (OIRA). Alternate metrics and other college-specific evidence are to be provided by the college.

A. University Goals

1. Increase opportunities for students to be taught by full-time faculty
   a. Percentage of instruction delivered by full-time faculty
   b. Ratio of Student FTEs to Full-time Faculty

2. Increase faculty scholarship and research impact
   a. Number of publications and creative activities (3-year weighted rolling average)
   b. Number of funded research grants
   c. Total dollar amount of research grants (3-year weighted rolling average)

3. Ensure that students make timely progress toward degree completion
   a. Average number of credits (equated credits) earned in one year
   b. Percentage of students who earn 30 credit (equated credits) per year
   c. One-year retention rate of first-time freshmen (actual and regression-adjusted)

4. Increase graduation rates
   a. Four-year graduation rate of first-time freshmen (actual and regression-adjusted)
   b. Six-year graduation rate of first-time freshmen

5. Improve student satisfaction with academic support and student support services
   a. Even years: Colleges will report on policies, practices, and activities intended to increase student satisfaction with academic and student support services
   b. Odd years: Student satisfaction with Academic Advising Effectiveness and Campus Support Services as measured by Noel-Levitz SSI

6. Improve student satisfaction with administrative services
   a. Even years: Colleges will report on policies, practices, and activities intended to increase student satisfaction with administrative services
   b. Odd years: Student satisfaction with Recruitment and Financial Aid Effectiveness, Registration Effectiveness, and Service Excellence as measured by Noel-Levitz SSI

7. Increase revenues
   a. Voluntary contributions (3-year weighted rolling average)
   b. Grants and contracts (3-year weighted rolling average)
   c. Alternative revenues (e.g., rentals, licensing, ACE) (3-year weighted rolling average)

8. Use financial resources efficiently and prioritize spending on direct student services
   a. Spending on instruction, research, student services as a percentage of tax-levy budget
   b. Percent of budget in reserve (colleges should target 1-3%)

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1 University Goal 1 does not apply to the Graduate Center, the School of Professional Studies, the Law School, the School of Journalism, or the Macaulay Honors College.
2 University Goal 2 does not apply to the Macaulay Honors College.
3 University Goal 6 does not apply to the Macaulay Honors College.
B. Sector Goals

1. Goals for Senior Colleges
   1. Increase faculty satisfaction
      a. COACHE\textsuperscript{4} satisfaction measures (specific measures to be determined)
   2. Increase enrollment in master's programs\textsuperscript{5}
      a. Total enrollment in master's programs
      b. Recruitment for new master's programs (new master's student enrollment)
      c. One-year retention rate in master's programs

2. Goals for Community Colleges
   1. Create more efficient remediation pathways
      a. Percentage of students fully proficient by the end of the first year (of those initially needing any remediation)
   2. Prepare students for transfer to baccalaureate programs
      a. Percentage of first-time freshmen transferring to any baccalaureate program within 6 years
      b. Transfer rate of AA/AS graduates to any baccalaureate program
      c. Mean first-semester GPA of baccalaureate transfers from CUNY community colleges
   3. Increase (or maintain high) pass rates on professional licensure exams
      a. Professional licensure pass rates (Nursing [NCLEX], Occ. Therapy Asst. [NBCO-COTA], Resp. Therapy Asst.[NBRT-CRT/RRT], etc.)

C. College Focus Area Goals

1. Colleges will consult broadly with campus constituencies, including elected faculty representatives, to identify important priority areas for the college not already addressed by the university or sector goals
2. Colleges will articulate three to five goals, each of which should have a stated outcome by year's end for which evidence of progress can be demonstrated (qualitatively or quantitatively)
3. Some suggestions for college focus area goals are shown below as examples. Colleges are not required to select from these suggestions.
   - Increase access to online/web-enhanced course offerings
     o Indicator: Number of web-enhanced and/or online sections
     o Indicator: FTE enrollment in web-enhanced and/or online sections
   - Increase opportunities for undergraduates to engage in ________ (faculty directed research, internships, fieldwork, service learning, etc.)
     o Indicator: Number of students engaged in ________ (compared to prior year, and five year trend)
     o Partnerships with area businesses, organizations, programs, etc.
     o Indicator: Number of available openings for student participation in ________
   - Increase the number of STEM graduates
     o Indicator: Number of graduates from STEM programs in the last complete academic year (compared to prior year, and five year trend)
   - Increase summer course-taking as a means for enhancing students' early momentum
     o Indicator: Percentage of freshmen and transfers taking one or more courses the summer after entry
   - Attain, maintain, or improve accreditation status of professional programs
     o Indicator: accreditation of individual programs by end of year (or outcomes demonstrating progress toward attaining accreditation)

\textsuperscript{4} COACHE is the Collaborative on Academic Careers in Higher Education (http://isites.harvard.edu/icb/icb.do?keyword=coache), a research unit at the Harvard Graduate School of Education that focuses on improving recruitment, retention, and work/life quality of faculty at four-year institutions. CUNY is exploring the possibility of developing a community college faculty survey with COACHE.

\textsuperscript{5} Sector Goal 2 does not apply to Medgar Evers or NYCCT.