



Dennis M. Walcott, Chancellor

## **EDUCATIONAL IMPACT STATEMENT: The Proposed Opening and Co-location of New High School, 02M139, with Murry Bergtraum High School for Business Careers (02M520) in School Building M520, Beginning in 2013-2014**

### **I. Summary of Proposal**

The New York City Department of Education (“DOE”) is proposing to open and co-locate 02M139, a new district high school, in school building M520 (“M520”) with existing school Murry Bergtraum High School for Business Careers (02M520, “Bergtraum”) beginning in the 2013-2014 school year.<sup>1</sup> M520 is located at 411 Pearl Street, Manhattan NY 10038, within the geographical confines of Community School District 2 (“District 2”). The proposed new high school, 02M139, will offer a rigorous academic program with a career and technical education component that will prepare students for post-secondary education and work. If this proposal is approved, 02M139 will be co-located with Bergtraum, an existing high school serving students in grades nine through twelve.

Separately, Bergtraum will undergo a planned enrollment reduction beginning in September 2014. Between the 2014-2015 and 2017-2018 school years, Bergtraum’s enrollment will decline by approximately 400-450 students. This enrollment reduction will take place regardless of whether the proposal to co-locate 02M139 is approved. 02M139 will occupy under-utilized space in M520 as well as the space vacated by Bergtraum’s enrollment reduction.

The proposed opening and co-location of 02M139 in M520 is part of the DOE’s central goal to create new school options that will better serve future students and the community at large. 02M139 would offer a rigorous academic program with a career and technical education (“CTE”) component that would be open to students through the Citywide High School Admissions Process and would have a limited unscreened admissions method giving priority to students residing in Manhattan. (Detailed information about the High School Admissions Process, over-the-counter admissions, and 02M139’s proposed admissions criteria can be found in Section III.A of this proposal.)

According to the 2011-2012 Enrollment, Capacity, Utilization Report (“Blue Book”), M520 has a target capacity of 2,134 students. However the building is currently serving only 1,806 students,<sup>2</sup> yielding a building utilization rate of 85%.<sup>3</sup>

In addition, M520 houses three community-based organizations (“CBOs”): Young Women’s Christian Association (“YWCA NYC”), APEX Inc., and Baruch/BMCC College, as well as offices of the United

<sup>1</sup> A “co-location” means that two or more school organizations are located in the same building and may share common spaces like auditoriums, gymnasiums, and cafeterias.

<sup>2</sup> Based on 2012-2013 Unaudited Register (as of October 26, 2012)

<sup>3</sup> All references to building utilization rates in this document are based on target capacity data from the 2011-2012 Blue Book and enrollment data from the 2012-2013 Unaudited Register (as of October 26, 2012) or charter headcount as of October 1, 2012. This methodology is consistent with the manner in which the DOE conducts planning and calculates space allocations and funding for all schools. In determining the space allocation for co-located schools, the Office of Space Planning will conduct a detailed site survey and space analysis of the building to assess the amount of space available in the building.

Federation of Teachers (“UFT”). This proposal is not expected to impact the continued siting of the CBOs or the UFT offices. M520 also houses hearing educational services, which is a self-contained program under the direction of District 75, serving students who are deaf or hard of hearing. This proposal is not expected to impact the hearing educational services currently offered in the M520 building.

If this proposal is approved, 02M139 would open in the 2013-2014 school year, when it would serve approximately 105-115 students in the ninth grade. 02M139 would gradually phase in by adding one grade per year. The school is expected to reach full scale in 2016-2017 and would serve approximately 420-460 students in grades nine through twelve.

In 2017-2018, once Bergtraum has completed its enrollment reduction and 02M139 is at full scale, it is projected that there will be approximately 1,775-1,850 students served in M520, thereby yielding an estimated utilization rate of approximately 83%-87%.

The DOE is proposing to create a new educational option in M520 beginning in September 2013 that will replace the seats lost due to Bergtraum’s enrollment reduction beginning in September 2014. 02M139 will offer a rigorous academic program with a CTE component designed to equip students with the skills necessary to achieve post-secondary success. The DOE believes that co-locating a new high school in M520 will create a better educational option in the community and borough-wide. Additionally, the DOE is committed to providing high quality CTE programming to students in Manhattan. As such, the new high school proposed for M520 will offer a CTE component, described in greater detail below.

## II. Proposed or Potential Use of Building

M520 has a target capacity of 2,134 students.<sup>4</sup> (The concept of “target capacity” is explained below.) In 2012-2013, the building is serving 1,806 students,<sup>5</sup> yielding a utilization rate of 85%.<sup>6</sup>

If this proposal is approved, 02M139 will open in September 2013 serving approximately 105-115 students in the ninth grade.<sup>7</sup> At scale, 02M139 will serve approximately 420-460 students in grades nine through twelve.

When 02M139 completes its phase-in and reaches full-scale and Bergtraum has completed its planned enrollment reduction in 2017-2018, the DOE projects that building M520 will serve 1,775-1,850 students, yielding a utilization rate of 83%-87%. This projected utilization rate is based on the standard projections for a new high school that will serve 105 - 115 students per grade, as well as the planned reduction in future enrollment at Bergtraum.

Section III.B. sets forth the baseline number of rooms to be allocated to each school pursuant to the Footprint, as well as the total number of rooms in a building to provide a more complete picture of the availability of space in a building.

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<sup>4</sup> 2011-2012 Enrollment, Capacity, Utilization, Report (the “Blue Book”)

<sup>5</sup> Unaudited Register as of October 26, 2012

<sup>6</sup> All references to building utilization rates in this document are based on target capacity data from the 2011-2012 Blue Book and enrollment data from the 2012-2013 Unaudited Register (as of October 26, 2012) or charter headcount as of October 1, 2012. This methodology is consistent with the manner in which the DOE conducts planning and calculates space allocations and funding for all schools. In determining the space allocation for co-located schools, the Office of Space Planning conducts a detailed site survey and space analysis of the building to assess the amount of space available in the building.

<sup>7</sup> Enrollment projections are based on a standard phase-in plan of four sections per entry grade in the first year. Actual enrollment in 2013-2014, however, would depend on applicant demand.

If this proposal is approved, the grade spans for all existing and proposed school organizations in M520 over a six year period will be:

| Grade Spans |  |           |           |           |           |           |           |
|-------------|--|-----------|-----------|-----------|-----------|-----------|-----------|
| DBN         | School Name                                      | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 | 2017-2018 |
| 02M520      | Murry Bergtraum High School for Business Careers | 9-12      | 9-12      | 9-12      | 9-12      | 9-12      | 9-12      |
| 02M139      | New High School                                  | -         | 9         | 9-10      | 9-11      | 9-12      | 9-12      |

The total current and projected student enrollment for all existing and proposed school organizations in M520 over a six year period, as well as the building utilization rates, are described in the table below:

| DBN                              | School Name                                      | 2012-2013 Enrollment | 2013-2014 Projected Enrollment | 2014-2015 Projected Enrollment | 2015-2016 Projected Enrollment | 2016-2017 Projected Enrollment | 2017-2018 Projected Enrollment |
|----------------------------------|--|----------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 02M520                           | Murry Bergtraum High School for Business Careers | 1,806                | 1,785 - 1,820                  | 1,675 - 1,710                  | 1,570 - 1,605                  | 1,460 - 1,495                  | 1,355 - 1,390                  |
| 02M139                           | New High School                                  | -                    | 105 - 115                      | 210 - 230                      | 315 - 345                      | 420 - 460                      | 420 - 460                      |
| <b>Total Building Enrollment</b> |  | 1,806                | 1,890 - 1,935                  | 1,885 - 1,940                  | 1,885 - 1,950                  | 1,880 - 1,955                  | 1,775 - 1,850                  |
| <b>Utilization<sup>8</sup></b>   |  | 85%                  | 89% - 91%                      | 88% - 91%                      | 88% - 91%                      | 88% - 92%                      | 83% - 87%                      |

As described in more detail in the Enrollment, Capacity, Utilization Report (“Blue Book”), which is available at [http://www.nycsca.org/Community/CapitalPlanManagementReportsData/Enrollment/2011-2012\\_Classic.pdf](http://www.nycsca.org/Community/CapitalPlanManagementReportsData/Enrollment/2011-2012_Classic.pdf), a building’s target utilization rate is calculated by dividing the aggregated enrollment of all school organizations in the building by the aggregated “target capacities” of those organizations. Each school organization’s “target capacity” is calculated based upon the scheduled use of individual rooms as reported by principals during an annual facilities survey, the DOE’s goals for maximum classroom capacities (which are lower than the United Federation of Teachers (“UFT”) contractual class sizes and differ depending on grade level), and the efficiency with which classrooms are programmed (i.e., the frequency with which classes are scheduled in a given classroom).

The most recent year for which target capacity has been calculated for buildings is 2011-2012. As described earlier in this Educational Impact Statement (“EIS”), the DOE’s projected utilization rates for the

<sup>8</sup> All references to building utilization rates in this document are based on target capacity data from the 2011-2012 Blue Book and enrollment data from the 2012-2013 Unaudited Register (as of October 26, 2012) or charter headcount as of October 1, 2012. This methodology is consistent with the manner in which the DOE conducts planning and calculates space allocations and funding for all schools. In determining the space allocation for co-located schools, the Office of Space Planning will conduct a detailed site survey and space analysis of the building to assess the amount of space available in the building.

2012-2013 school year and beyond are based on the 2011-2012 target capacity, which assumes that the components underlying that target capacity (scheduled use of classrooms, goal maximum classroom capacity, etc.) remain constant. Thus, projected utilization rates for 2012-2013 and beyond provide only an approximation of a building's usage because each of the factors underlying target capacity may be adjusted by principals from year to year to better accommodate students' needs. For example, changing the use of a room from an administrative room to a homeroom at the high school level will increase a building's overall target capacity because for high schools administrative rooms are not assigned a capacity. Holding enrollment constant, this change would result in a lower utilization rate. Similarly, if a room previously used as a kindergarten classroom is subsequently used as a fifth grade classroom, the building's target capacity would increase because we expect that a fifth grade class will have more students than a kindergarten class. This is reflected in the fact that the DOE's goal for maximum classroom capacity is higher for fifth grade classrooms than for kindergarten classrooms. In this example, as well, assuming enrollment is constant, the utilization rate would decrease.

The DOE anticipates that building M520 will still have excess space once 02M139 has completed its phase-in. The DOE does not currently have plans for the use of this space. Any significant changes to school utilization would be proposed in a separate EIS in accordance with Chancellor's Regulation A-190 and would be subject to approval by the Panel for Educational Policy ("PEP").

### III. Impact of the Proposal on Students, Schools, and the Community

#### A. Students

If this proposal is approved, beginning in September 2013, 02M139 will be located in the M520 building and will be open to prospective ninth-grade students who meet the school's criteria through the Citywide High School Admissions Process. Admissions to 02M139 would be open to any New York City student. The school is proposed to have a limited unscreened admissions method, with priority for students residing in Manhattan. Limited unscreened schools give admissions priority to students who demonstrate interest in the school by attending an information session, open house event, or by visiting the school's exhibit at any one of the High School Fairs. Additional information about the High School Admissions Process is detailed below.

#### *Impact on Students Currently Attending Bergtraum*

The proposed co-location of 02M139 is not expected to impact the admissions, enrollment, or educational options of students currently attending Bergtraum. However, as described above, the planned enrollment reduction at Bergtraum will affect the school's enrollment in future years. As Bergtraum undergoes its planned enrollment reduction, students enrolled at Bergtraum will receive more individualized attention to ensure they are receiving the support they need to succeed and graduate. The school's admissions process will not be affected by the enrollment reduction.

Bergtraum currently serves general education students and students requiring special education services, including students currently enrolled in Integrated Co-Teaching ("ICT") classes and Self-Contained special education ("SC") classes, as well as students receiving Special Education Teacher Support Services ("SETSS"). Students with disabilities will receive services in accordance with their Individualized Education Programs ("IEPs"). Services are tailored to meet the individual needs of the students with disabilities currently enrolled and, as such, may vary from year to year. All students enrolled in the schools at M520 will continue to receive their mandated special education services if this proposal is approved. In addition, students classified as English Language Learners ("ELLs") are enrolled and receiving English as a Second Language ("ESL") services. All students enrolled in Bergtraum will continue to receive

appropriate ELL services if this proposal is approved.

As mentioned above, M520 also houses hearing educational services, which is a self-contained program under the direction of District 75, serving students who are deaf or hard of hearing. This proposal is not expected to impact the hearing educational services currently offered in the M520 building.

### *Impact on CTE Programs*

CTE programs integrate academic study with workforce skills in specific careers. Students receive instruction in an industry-related area and have the opportunity to graduate from high school with industry-specific competencies and skills that lead to post-secondary education, further industry training and/or entry into the workforce.

CTE programs of study are grouped into 16 career clusters identified at the federal level, each including multiple career pathways that students can pursue. Implemented at the high school level, a CTE program of study offers students a cohesive articulated sequence of rigorous academic courses with a career and technical education component integrated with workforce skills aligned to business and industry standards. “Career Pathways” is a term used to identify the workforce development strategy, adopted at federal, state, and City levels, to increase education, training, and learning opportunities for the nation’s current and emerging workforce.

Bergtraum is a CTE school. Irrespective of whether this proposal is approved, beginning in September 2014, Bergtraum will offer a reduced number of ninth grade seats as part of a planned enrollment reduction. As total enrollment at the school declines throughout the course of the enrollment reduction, the school may need to adjust its CTE programming. It is difficult to predict how changes might be implemented, as decisions will rest with school administrators in collaboration with the DOE and will be based on student demand as well as staff and budget conditions at the school. Bergtraum currently offers five CTE programs which are under review. These programs are listed in the chart below:

| Career Cluster                         | CTE Pathway               | State Approval Status | Program Status   |
|--|---------------------------|-----------------------|------------------|
| Business Management and Administration | Accounting                | Non-Approved          | Existing Program |
| Law and Public Safety                  | Law Academy/Legal Studies | Non-Approved          | Existing Program |
| Law and Public Safety                  | Law Enforcement Academy   | Non-Approved          | Existing Program |
| Manufacturing Production Cluster       | Robotics                  | Non-Approved          | Existing Program |
| Marketing Sales and Services           | Marketing                 | Non-Approved          | Existing Program |

“Approved” CTE programs of study have been reviewed and approved by the DOE and New York State Education Department (“SED”), which qualifies the school to award diplomas with CTE-endorsements to students who complete the program. Programs that are “in development” have not yet received SED approval. Students in these programs receive instruction in CTE content, but cannot receive CTE-endorsed diplomas unless the programs are approved by the time they graduate. However, regardless of program approval status, schools with the capacity to prepare students for an industry-certified exam can continue to do so.

Please refer to Appendix B for a list of high schools that offer CTE programming in the same career clusters as Bergtraum.

The new high school, 02M139, is proposed to be a CTE school, with Career Pathways in Carpentry,

Masonry, Landscaping and Decorative Finishing.

These pathways were selected in response to overall demand from students applying to CTE programs, demand from industry partners interested in hiring graduates with CTE endorsed diplomas, as well as labor trends and analysis of workforce needs.

Because 02M139 will offer different CTE pathways than Bergtraum, it will affect the mix of CTE pathways available to future students. For an analysis of this proposal's impact on overall CTE capacity in the borough, please see section III.C below.

### *Impact on Academic Programs, Extracurricular Activities and Community Partnerships*

The DOE does not anticipate that this proposal will affect the academic programs, extracurricular activities, and community partnerships currently offered at Bergtraum. Bergtraum would continue to offer programming based on student interests, available resources, and staff support for those programs. The proposed co-location would not impact those opportunities. Students would continue to have the opportunity to participate in a variety of extracurricular programs, though the specific programs offered at a given school are always subject to change. That is true for any City student as all schools modify extracurricular offerings annually based on student demand and available resources.

Bergtraum will continue offering student athletics and other extracurricular programs options, but the number and range of programs offered may gradually diminish due to the planned enrollment reduction.

According to the High School Directory, Bergtraum currently offers the following sports through the Public School Athletic League ("PSAL"):<sup>9</sup>

- **Boys:** Baseball, Basketball, Bowling, Cross Country, Handball, Indoor Track, Outdoor Track, Volleyball, Wrestling
- **Girls:** Basketball, Bowling, Cross Country, Handball, Indoor Track, Outdoor Track, Softball, Tennis, Volleyball & JV Volleyball

According to the High School Directory, Bergtraum currently offers the following extracurricular activities and partnerships:

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<sup>9</sup> PSAL is the Public School Athletic League. Its mission is to provide opportunities for educating students in physical fitness, character development, and socialization skills through an athletic program that fosters teamwork, discipline, and sportsmanship.

| Extra-Curricular Activities  | Partnerships  |   |
|--|---|---|
| <ul style="list-style-type: none"> <li>■ Alumni Mentoring Program,</li> <li>■ Conflict Resolution,</li> <li>■ Explorers Post 521,</li> <li>■ Fresh Start Mentoring for 9th graders,</li> <li>■ Honor Society for Young Men of Color,</li> <li>■ Lincoln-Douglas Debate Team,</li> <li>■ Math Team,</li> <li>■ Mock Trial Moot Court Competition,</li> <li>■ National Honor Society,</li> <li>■ Principal's Council,</li> <li>■ Senior Council,</li> <li>■ Student Government,</li> <li>■ Virtual Enterprise Competition</li> </ul> | <ul style="list-style-type: none"> <li>■ Young Men's Christian Association (YMCA)</li> <li>■ Junior Achievement</li> <li>■ The Explorers Club</li> <li>■ Murry Bergtraum High School Alumni Association</li> <li>■ Syracuse University</li> <li>■ Baruch College</li> <li>■ Borough of Manhattan Community College</li> <li>■ Pace University</li> <li>■ Fashion Institute of Technology</li> <li>■ St. John's University</li> <li>■ John Jay College of Criminal Justice</li> <li>■ Manhattan Theatre Club</li> <li>■ Roundabout Theatre Company</li> <li>■ Lincoln Center Theater</li> <li>■ Hispanic Federation of New York</li> <li>■ Futures and Options</li> <li>■ Network for Teaching Entrepreneurship</li> <li>■ Big Brothers Big Sisters</li> <li>■ Asian Professional Extension</li> <li>■ Anti-Defamation League</li> </ul> | <ul style="list-style-type: none"> <li>■ YWCA After-School Program</li> <li>■ The Estee Lauder Companies</li> <li>■ ACE Risk Management</li> <li>■ Deloitte and Touche</li> <li>■ The Financial Women's Association</li> <li>■ Alliance for Downtown New York</li> <li>■ Guardian Life Insurance Company</li> <li>■ The Ritz Carlton Hotel</li> <li>■ Leibowitz Marketing Services</li> <li>■ Skody</li> <li>■ Scot and Company</li> <li>■ Urban Land Institute</li> <li>■ Colgate Palmolive Company</li> <li>■ Davis and Gilbert LLP</li> <li>■ Manhattan District Attorney's Office</li> <li>■ Office of Small Learning Communities</li> <li>■ High Schools That Work</li> <li>■ Financial Women's Association</li> </ul> |

Bergtraum will continue to offer extra-curricular activities based on student interests, available resources, and staff support for those programs. Multiple schools may collaborate to offer joint extra-curricular programs across the co-located schools as appropriate. In addition, M520 houses three CBOs: YWCA NYC, APEX Inc., and Baruch/BMCC College, as well as UFT offices. This proposal is not expected to impact the continued siting of the CBOs or of the UFT space.

If this proposal is approved, Bergtraum will continue to offer extracurricular programs based on student interests, available resources, and staff support for those programs. The proposal will not impact those opportunities, but it may change the way those programs are configured. For example, some activities may need to share classroom space or the scheduling of these activities may change as a result of greater demands on the available space during or after school hours. Students will continue to have the opportunity to participate in a variety of extracurricular programs, though the specific programs offered at a given school are always subject to change. That is true for any City student as all schools modify extracurricular offerings annually based on student demand and available resources. The DOE does not anticipate that this proposal will impact Bergtraum's current partnerships.

### *Enrollment Impact for Future High School Students—High School Admissions Process*

If this proposal is approved, 02M139 would admit students through the High School Admissions Process and through the over-the-counter (“OTC”) admissions process. The school would admit students through a limited unscreened admissions method, with a priority for students residing in Manhattan. Limited unscreened schools give admissions priority to students who demonstrate interest in the school by attending an information session, open house event, or visiting the school's exhibit at any one of the High School Fairs.

Bergtraum admits student through the Citywide High School Admissions Process, described in further detail below. Though the co-location of 02M139 will not directly impact Bergtraum’s admissions methods, the enrollment reduction will reduce the number of ninth-grade seats available at Bergtraum beginning in the 2014-2015 school year.

Bergtraum offers a program with a Humanities and Interdisciplinary focus. Please refer to Appendix A for a list of other high schools in Manhattan that also offer Humanities and Interdisciplinary programs. Bergtraum has an educational option admissions method. Educational option programs are designed to attract a wide range of academic performers. Each program has a certain proportion of seats reserved for students with high, middle, and low reading levels. From the applicant pool, half of students matched are selected from those ranked by the schools’ administration and the other half is selected randomly. If a student scores in the top 2% on his or her previous year’s English Language Arts reading exam and lists an educational option program as his or her first choice, he or she would be guaranteed a match to that program.

In New York City, high school admission is based on a Citywide choice process, with students ranking up to 12 high school programs in order of preference.

Beginning with high school admission for September 2013, there are two rounds in the High School Admissions Process:

**Round One:** All eighth-grade and interested first-time ninth-grade students participate in this round. All students, including applicants to the Specialized High Schools, will receive match results in March 2013.

**Round Two:** All eighth-grade and first-time ninth-grade students are eligible to apply to school programs in Round Two. Any student who does not receive a match in Round One must apply to the available school programs in Round Two to be matched to a choice made on the application. In addition, any student who received a match in Round One may reapply to available programs in Round Two. A student who participates in Round Two and has already received a Round One match will have his or her Round One match nullified if the student receives a match in Round Two. The available programs for Round Two include school programs with remaining seats and new schools that will open the following September. Students will receive Round Two results at the end of May 2013.

For more information about the High School Admissions Process, please visit:  
<http://schools.nyc.gov/ChoicesEnrollment/High/Publications/default.htm>.

High school students with IEPs are admitted in the same manner as general education students. Schools will create programs that meet the needs of all students ensuring access to a general education curriculum to the greatest extent possible. Therefore, placement for students with IEPs is the same as described above.

Similarly, ELL students are admitted to high schools in the same manner as their non-ELL peers. Any

students requiring ELL services will continue to receive appropriate services in accordance with DOE policy.

Students who are currently enrolled in the eighth grade and are interested in applying to 02M139 would participate in Round Two of the High School Admissions Process this school year for a ninth-grade seat in September 2013. These students would have an opportunity to express interest in 02M139.

Although high school applications were due on December 10, 2012, if this proposal is approved by the PEP, students who are interested in applying to 02M139 would have the opportunity to submit a new admission application with revised school rankings in April 2013. This application would replace the previously submitted application and would be included as the student's application for the Round Two of the High School Admissions Process. Other new high schools designated to open throughout the City for the 2013-2014 school year will also be available for these students to consider.

Detailed information about new high schools is published annually in the new schools directory, available in print at a Borough Enrollment Center or on the DOE Web site:  
<http://schools.nyc.gov/ChoicesEnrollment/High/Publications>.

### *Enrollment Impact for Future High School Students—Over-the-Counter Placements*

In addition to the High School Admissions Process, some students may receive a placement at 02M139 through the over-the-counter (“OTC”) process.

OTC placement is a term that refers to the method of enrolling students who need a school assignment because they were not part of any admissions process for entry grades and/or were not enrolled in a NYC school at the time school started. Most of these students fall into one of four categories:

- New to the New York City school system; or
- Left the New York City school system and have returned; or<sup>10</sup>
- Are seeking transfers (based on the guidelines outlined in Chancellor's Regulation A-101); or
- Students who did not participate in the High School Admissions Process for some other reason.

When a student arrives for an OTC placement, his/her school assignment is determined by his/her interest, home address and which schools have available seats, and, where applicable, transfer guidelines. The student visits a Borough Enrollment Office where he/she meets with a counselor who reviews options that will meet the student's needs.

There is a peak enrollment period occurring just prior to and into the opening of school when thousands of students arrive. Prior to the start of the peak enrollment period, schools are reminded about the number of OTC students they can expect. This number is based on a school's enrollment projection and the results of the admissions process.

If the Division of Portfolio Planning determines that additional OTC seats may be needed, the number of seats available are reviewed and – if space allows – adjusted in those schools where the admissions methods are limited unscreened, educational option, or unscreened.

Screened programs (those that have academic criteria) which have a two year track record of not filling through the High School Admissions Process are “de-screened” for OTC in order to increase the number of

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<sup>10</sup> As detailed in Chancellor's Regulation A-101, students have the "right to return" to their prior school following discharge within one calendar year of discharge, subject to available seats. Therefore, it is possible that non-zoned students arriving for an OTC placement may be granted admission to a zoned school.

options for students. In addition, screened and audition schools, transfer schools,<sup>11</sup> international schools, and alternative programs are offered through referral.<sup>12</sup> In this way, the DOE is able to offer individual students the widest breadth of options across a large number of schools.

Bergtraum has traditionally accepted OTC students, although it will likely accept fewer students after its planned enrollment reduction. Taken together, the co-location of 02M139 and the enrollment reduction of Bergtraum are not expected to affect the number of OTC students in the building.

## **B. Schools**

The opening of 02M139 is intended to offer additional seats at the high school level that are part of CTE programming in both Manhattan and the City in general. M520 would continue to house Bergtraum. The M520 building has enough capacity to accommodate both 02M139 and Bergtraum at full scale. Collectively, the schools serving students in M520 in 2017-2018 are projected to enroll 1,775- 1,850 students once 02M139 is at full-scale and Bergtraum has completed its planned enrollment reduction. The projected utilization rate for 2017-2018 is 83%-87%.

If this co-location proposal is approved, there will be sufficient space to accommodate both Bergtraum and 02M139 pursuant to the Citywide Instructional Footprint (the “Footprint”) throughout the period while 02M139 is phasing in and Bergtraum is undergoing its planned enrollment reduction. (Please visit the New York City Department of Education Web site to access the Instructional Footprint, which guides space allocation and use in City schools: <http://schools.nyc.gov/community/planning/default.htm>.)

The Footprint sets forth the baseline number of rooms that should be allocated to a school based on the grade levels served by the school and number of classes per grade. For existing schools, the Footprint is applied to the current number of classes and class size a school has programmed and is confirmed by a walk-through of the building by the Borough Director of Space Planning and the school’s principal.

For grades six through twelve, the Footprint assumes that students move from class to class and that classrooms should be programmed at maximum efficiency. The Footprint does not require that every teacher have his or her own designated classroom. Principals are asked to program their schools efficiently so that classrooms can be used for multiple purposes throughout the course of the school day. The Footprint allocates the number of baseline classrooms for student support services, resource rooms, and administrative space based on the grades a school serves and its enrollment at scale. Any space remaining beyond the baseline shall be allocated equitably among the co-located schools. In determining an equitable allocation, the DOE may consider factors such as the relative enrollments of the co-located schools, the instructional and programmatic needs of the co-located schools, and the physical location of the excess space within the building.

As in other situations where schools are co-located, the schools would need to share large common and specialty rooms in the building, such as the cafeteria, the gymnasium, and the library. Specific decisions regarding the allocation of the shared spaces will be made by the Building Council, consisting of principals from all co-located schools, in conjunction with the DOE’s Office of Space Planning.

According to the building walkthrough completed by the Manhattan Director of Space Planning on

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<sup>11</sup> Transfer schools are small, academically rigorous high schools designed to re-engage students who have dropped out of high school or have fallen behind. These schools are designed to create a personalized learning environment and to provide students with connections to college. Students graduate with a high school diploma from the transfer school they attend. For more information about transfer schools, please visit the DOE Web site at [www.goingforme.org](http://www.goingforme.org).

<sup>12</sup> International schools are designed to provide quality education for recently arrived immigrant students through a unique educational model.

December 9, 2012, building M520 has a total of 90 full-size rooms, including 2 science labs and 6 science demonstration rooms, 19 half-size rooms, 10 quarter-size rooms, and the equivalent of 17.0 full-size rooms of designed administrative/office space. In total, building M520 has 119 full-size equivalent (“FSE”) rooms for instructional and administrative use. The building also has the following rooms: a gymnasium, an auditorium, a cafeteria and a library.

The School-Based Support Team (“SBST”) is housed in 1 full-size room of designed administrative/office space; the nurse is housed in 1 full-size room of designed administrative/office space; the teacher’s cafeteria is housed in 1 full-size room; School Safety is housed in 2 quarter-size rooms; the custodian is housed in 2 quarter-size rooms; YWCA NYC is housed in 0.5 full-size room of designed administrative/office space; and the UFT occupies 1 quarter-size room and 1 full-size room of designed administrative/office space.

There are 2 science labs and 6 science demonstration rooms in M520. These rooms will be shared between Bergtraum and 02M139 starting in the 2013-2014 school year. Since both Bergtraum and 02M139 will provide CTE instruction, the DOE will work with both schools to align the available facilities with the needs of the CTE courses.

Excluding the shared spaces outlined above, M520 has a total of 89 full-size classrooms, 19 half-size classrooms/spaces, 5 quarter-size spaces, and 13.5 FSE rooms of designed administrative office/space remaining, which totals 113.25 FSE rooms, that can be allocated to the co-located schools in M520 per the Footprint during the proposed opening and co-location of 02M139.

Bergtraum’s baseline allocation will decrease each year as the school undergoes its planned enrollment reduction. According to the Footprint, Bergtraum’s current 2012-2013 baseline allocation is 62 full-size rooms, 17 half-size rooms, and the equivalent of 10 full-size rooms for administrative use (composed of 7 half-size spaces and 6.5 full-size equivalent designed administrative office space). The DOE has adjusted Bergtraum’s current baseline to reflect a shortage of half-size spaces, substituting 5 full-size spaces for five half-size spaces. Bergtraum’s adjusted baseline is then 67 full-size rooms, 12 half-size rooms, and the equivalent of 10 full-size rooms for administrative use (composed of 7 half-size spaces and 6.5 full-size equivalent designed administrative office space), which totals 83 FSE rooms.

Bergtraum’s current space usage is 87 full-size rooms, 19 half-size rooms, and the equivalent of 10 full-size rooms for administrative use (composed of 7 half-size spaces and 6.5 full-size equivalent designed administrative office space), which totals 106.5 FSE rooms.

In the 2013-2014 school year, when this co-location is proposed to begin, Bergtraum’s baseline allocation according to the Footprint will be 68 full-size rooms, 12 half-size rooms, and the equivalent of 10 full-size rooms for administrative use. 02M139’s baseline allocation according to the Footprint will be 4 full-size rooms, 1 half-size room, and the equivalent of 2 full-size rooms for administrative use.

When 02M139 has reached full scale and Bergtraum has completed its enrollment reduction, Bergtraum’s baseline allocation according to the Footprint will be 52 full-size rooms, 10 half-size rooms, and the equivalent of 10 full-size rooms for administrative use. 02M139’s baseline allocation according to the Footprint will be 16 full-size rooms, 1 half-size room, and 3.5 full-size rooms for administrative use. Therefore, the M520 building has the capacity to accommodate both Bergtraum and 02M139 at full scale. The DOE anticipates that building M520 will still have excess space once Bergtraum has completed its enrollment reduction and 02M139 is at full scale.

The baseline footprint allocation for full size classrooms for both Bergtraum and 02M139 over the course of 02M139’s phase in and Bergtraum’s enrollment is included in the chart below.

The DOE is proposing to open 02M139 in M520 to replace a portion of the high school seats lost due to the enrollment reduction at Bergtraum. In 2016-2017 and beyond, when 02M139 has reached full scale, it will have a baseline footprint allocation of 16 full-size instructional rooms, 1 half-size room, and 3.5 full-size rooms for administrative space. The footprint of 02M139 over the four years it will take to complete its phase-in is included in the chart below.

There is sufficient space in building M520 to accommodate both Bergtraum and 02M139 at full scale. After each school has received its baseline footprint allocation, there will be excess full-size rooms remaining in the building, as detailed year by year in the chart below. Each school will continue to receive at least its baseline footprint allocation, and any excess space above the space allocated by the Footprint will be divided equitably among the schools as decided by the Building Council in conjunction with the DOE Office of Space Planning.

The table below provide the baseline Footprint allocations of full-size instructional rooms for each school throughout the phase-in of 02M139 and Bergtraum's enrollment reduction:

**Baseline Footprint Allocation for Full-Size Classrooms**

| DBN    | School Name                                      | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 | 2017-2018 |
|--------|--|-----------|-----------|-----------|-----------|-----------|-----------|
| 02M520 | Murry Bergtraum High School for Business Careers | 67        | 68        | 64        | 60        | 56        | 52        |
| 02M139 | New District High School                         | 0         | 4         | 8         | 12        | 16        | 16        |

|               |           |           |           |           |           |           |           |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>TOTAL</b>  | <b>67</b> | <b>72</b> | <b>72</b> | <b>72</b> | <b>72</b> | <b>72</b> | <b>68</b> |
| <b>EXCESS</b> | <b>22</b> | <b>17</b> | <b>17</b> | <b>17</b> | <b>17</b> | <b>17</b> | <b>21</b> |

The space vacated by Bergtraum's enrollment reduction will be back-filled by 02M139 as 02M139 phases in.

The Office of Space Planning will work with the Building Council to ensure an equitable allocation of the excess space. In determining an equitable allocation, the Office of Space Planning may consider factors such as the relative enrollments of the co-located schools, the instructional and programmatic needs of the co-located schools, and the physical location of the excess space within the building.

If this proposal is approved, it is likely that after Bergtraum's enrollment reduction is complete and 02M139's phase-in is complete, there will still be underutilized space in building M520. There are currently no plans for that space. If any future significant changes in utilization are proposed, they will be proposed in a separate EIS and be subject to approval by the PEP.

### *Building Safety and Security*

The DOE makes available the following supports to schools relating to safety and security:

- Providing "Best Practices Standards for Creating and Sustaining a Safe and Supportive School," as a resource guide;
- Reviewing and monitoring school occurrence data and crime data (in conjunction with the Criminal Justice Coordinator and the New York City Police Department);

- Providing technical assistance via the Borough Safety Directors when incidents occur;
- Providing professional development and support to Children’s First Network (CFN) Safety Liaisons;
- Providing professional development and kits for Building Response Teams; and
- Monitoring and certifying School Safety Plans annually.

## C. Community

The DOE supports parent choice and strives to ensure that all families have access to high-quality schools that meet their children’s needs. Under this proposal, the M520 building will remain open, continuing to serve students enrolled in Bertraum. In addition, the building would house new school 02M139 whose opening and co-location is intended to create more high-quality educational options in M520.

### *Impact on Borough-Wide Seat Capacity*

The proposed opening and co-location of 02M139 is one of several previously and concurrently proposed changes to high school seats in Manhattan. These proposed changes include: the phase-out of schools, co-locations of new schools to replace phase-outs, new schools sited in under-utilized space, and grade expansions of existing schools.

The DOE plans for high school capacity on a borough-wide basis and measures high school seat capacity based on ninth-grade seats. The chart below details each of the proposed changes and provides a summary of the overall impact on ninth-grade seat capacity in Manhattan.

| DBN  | School Name                                 | Building | PEP Vote                        | Impact on 9th Grade Seat Capacity | Admissions Method for Seats Added/Removed | Offers CTE Programming |
|--|---|----------|---------------------------------|-----------------------------------|---|------------------------|
| <b>Proposed High School Phase-Outs for 2013-2014</b>                       |   |          |                                 |                                   |   |                        |
| 02M625   | High School of Graphic Communication Arts   | M625     | Pending March 11, 2013 PEP Vote | -255                              | Educational Option                        | Yes                    |
| 05M685   | Bread and Roses Integrated Arts High School | M136     | Pending March 11, 2013 PEP Vote | -107                              | Educational Option                        | No                     |
| 05M469   | Choir Academy of Harlem                     | M501     | Pending March 11, 2013 PEP Vote | -77                               | Educational Option                        | No                     |
| <b>Proposed New High Schools for 2013-2014<sup>13</sup></b>                |   |          |                                 |                                   |   |                        |
| 02M135*  | New District High School                    | M625     | Pending March 11, 2013 PEP Vote | 108                               | Limited Unscreened                        | Yes                    |
| 02M139*  | New District High School                    | M520     | Pending March 11, 2013 PEP Vote | 108                               | Limited Unscreened                        | Yes                    |
| 05M157   | New District High School                    | M501     | Pending March 11, 2013 PEP Vote | 81                                | Limited Unscreened                        | Yes                    |
| <b>Proposed Grade Expansions to Serve High School Grades for 2013-2014</b> |   |          |                                 |                                   |   |                        |

<sup>13</sup> An asterisk (\*) signifies a new high school that has yet to be given a school name.

|  |                               |      |                                 |            |          |    |
|--|-------------------------------|------|---------------------------------|------------|----------|----|
| 84M481   | Democracy Prep High School #2 | M501 | Pending March 11, 2013 PEP Vote | 100        | Lottery  | No |
| <b>Total Proposed Change in 9th Grade Seat Capacity for 2013-2014</b>                      |                               |      |                                 | <b>-42</b> |          |    |
| Planned/Approved Grade Expansions to Serve High School Grades for 2013-2014 Implementation |                               |      |                                 |            |          |    |
| 03M859   | Special Music School          | M490 | Approved February 9, 2012       | 50         | Screened | No |
| <b>Total Approved Changes in 9th Grade Seat Capacity for 2013-2014 Implementation</b>      |                               |      |                                 | <b>50</b>  |          |    |
| <b>Total Anticipated Change in 9th Grade Seat Capacity for 2013-2014</b>                   |                               |      |                                 | <b>8</b>   |          |    |

The proposed and approved new schools and grade expansions would add 447 available ninth-grade seats in new high schools and expanded middle schools. The phase-outs of High School of Graphic Communication Arts, Bread and Roses Integrated Arts High School and Choir Academy of Harlem would result in the loss of 439 ninth-grade seats. Therefore, the DOE anticipates a net capacity increase in 2013-2014 of approximately eight ninth-grade seats in Manhattan. Thus, the proposals described above project to have a minimal impact on high school seat capacity in Manhattan.

For the 2012-2013 school year, there are a total of 16,238 ninth-grade seats available in Manhattan.<sup>14</sup> A total of 16,223 new ninth-grade students enrolled in Manhattan high schools in 2012-2013, leaving 15 excess seats.

Thus, if all of these proposals are approved, there would be eight new seats (for a total of 16,246 ninth-grade seats in Manhattan for the 2013-2014 school year), leaving a projected excess of 23 seats in 2013-2014.<sup>15</sup> Thus, the proposals described above project to have a minimal impact on high school seat availability in Manhattan.

The changes above represent an increase in limited unscreened seats, which are available to all students, regardless of past academic history. This means that a wider set of options would be available to a greater number of students.

In addition to what is reflected in the chart, as previously mentioned in this EIS, the DOE has proposed an enrollment reduction for Bergtraum beginning in 2014-2015. The DOE estimates that this will result in the loss of 108 ninth grade seats. As part of the replacement plan for the proposed phase-out of Bread and Roses Integrated Arts High School, the DOE has also proposed to open one new secondary school in building M136. This new school would add approximately 81 new ninth grade seats when it begins to serve high school grades in 2016-2017. These seats are not included above, as they are not available to first time ninth graders next year.

<sup>14</sup> Current ninth grade seat capacity is based on 2012-2013 ninth-grade seat targets for all district high schools (excludes District 75 and District 79 programs that offer CTE); seat targets for schools that have a zoned admissions element are set to the number of ninth-grade new admits.

<sup>15</sup> The projected excess of 23 seats assumes the same number of new ninth grade admits in 2013-2014 as there were in 2012-2013. The actual number of new ninth grade admits in 2013-2014 is subject to change based on various factors including, but not limited to demographics, changes in ninth grade seat targets, and new school seat capacity.

Information regarding the new high schools proposed to open in September 2013 would be provided in the winter for students who may be interested in applying to these schools as part of Round Two of the High Schools Admissions Process. Detailed information about all City high schools and the High School Admissions Process is published annually in the City's High School Directory, available in print at DOE middle schools and Borough Enrollment Offices, or on the DOE's Web site at <http://schools.nyc.gov/ChoicesEnrollment/High/Publications>.

### *Impact on CTE Borough-Wide Seat Capacity*

This proposal has a direct impact on CTE seats in Manhattan,

There are three new schools proposed for opening in 2013-2014 in Manhattan which would be CTE schools or offer CTE programming. 02M135 is considering offering programming in the Emergency Management career cluster. 02M139 will offer programming in the following career pathways: Carpentry, Masonry, Landscaping, and Decorative Finishing. 05M157 will offer programming in the following career cluster: Global Commerce. These pathways were selected in response to overall demand from students applying to CTE programs, demand from industry partners interested in hiring graduates with CTE endorsed diplomas, as well as labor trends and analysis of workforce needs.

The proposed new schools would add 297 ninth-grade available seats in new high schools that are either CTE schools or offer CTE programs.<sup>16</sup> The phase out of Graphics would result in the loss of 255 ninth-grade seats in CTE schools. Therefore, the DOE anticipates there would be a net capacity gain of 42 ninth grade seats in Manhattan in total, including new CTE schools and new schools where CTE is offered.

The DOE strongly believes in the importance of CTE education. The DOE will evaluate the potential to add new schools that provide high quality CTE education in available space across Manhattan.

This proposal is not expected to impact the ability of community members and organizations to obtain school building use permits at building M625.

## IV. Enrollment, Admissions and School Performance Information

### *Bergtraum*

#### Admissions Data

|   |  |
|---|--|
| <b>Current Admissions</b>                 | <b>9-12:</b> High School Admissions Process;<br><b>Admissions Method:</b> Educational Option |
| <b>Admissions in 2013-2014 and beyond</b> | <b>9-12:</b> High School Admissions Process;<br><b>Admissions Method:</b> Educational Option |

<sup>16</sup> However, it should be noted that not all students in the proposed new schools offering CTE programming are expected to be enrolled in such programs.

### Enrollment Data<sup>17</sup>

|                         | Total Enrollment |
|-------------------------|------------------|
| 2012-2013 (unaudited)   | 1,806            |
| 2013-2014 (projections) | 1,785-1,820      |
| 2014-2015 (projections) | 1,675-1,710      |
| 2015-2016 (projections) | 1,570-1,605      |
| 2016-2017 (projections) | 1,460-1,495      |
| 2017-2018 (projections) | 1,355-1,390      |

### Demographic Data<sup>18</sup>

|   |     |
|---|-----|
| Percentage of Students Receiving ICT or SC Services           | 12% |
| Percentage of Students with Individualized Education Programs | 16% |
| Percentage of English Language Learner Students               | 11% |
| Percentage of Students Eligible for Free or Reduced Lunch     | 72% |

### School Performance Data

| Murry Bergtraum High School for Business Careers  | 2009-2010    | 2010-2011 | 2011-2012 |
|---|--------------|-----------|-----------|
| <b>School Performance and Progress</b>            |              |           |           |
| Overall Progress Report Grade                     | D            | D         | D         |
| Quality Review Score                              | P            | D         | D         |
| <b>Key Components of Performance and Progress</b> |              |           |           |
| % 10+ Credit Accumulation in Year 1               | 60%          | 65%       | 60%       |
| 4 Year Graduation Rate                            | 61%          | 66%       | 62%       |
| 6 Year Graduation Rate                            | 65%          | 66%       | 68%       |
| % Graduating with a Regents Diploma               | 44%          | 57%       | 60%       |
| Attendance Rate                                   | 82%          | 82%       | 84%       |
| <b>2012-2013 State Accountability Status</b>      | Focus School |           |           |

<sup>17</sup> All figures are from the 2012-2013 Unaudited Register (as of October 26, 2012). Bergtraum will undergo a planned enrollment reduction beginning in the 2014-2015 school year.

<sup>18</sup> All figures are as a percentage of total students from the 2012-2013 Unaudited Register (as of October 26, 2012).

## New High School (02M139)

### Admissions Data

|  |  |
|--|--|
| <b>Current Admissions</b>                          | <b>N/A</b>   |
| <b>Proposed Admissions in 2013-2014 and beyond</b> | <b>9-12: High School Admissions Process; Admissions Method: Limited Unscreened</b> |

### Enrollment Data<sup>19</sup>

|                         | <b>Grade 9</b> | <b>Grade 10</b> | <b>Grade 11</b> | <b>Grade 12</b> | <b>Total Enrollment</b> |
|-------------------------|----------------|-----------------|-----------------|-----------------|-------------------------|
| 2012-2013 (unaudited)   | -              | -               | -               | -               | -                       |
| 2013-2014 (projections) | 105-115        | -               | -               | -               | 105-115                 |
| 2014-2015 (projections) | 105-115        | 105-115         | -               | -               | 210-230                 |
| 2015-2016 (projections) | 105-115        | 105-115         | 105-115         | -               | 315-345                 |
| 2016-2017 (projections) | 105-115        | 105-115         | 105-115         | 105-115         | 420-460                 |
| 2017-2018 (projections) | 105-115        | 105-115         | 105-115         | 105-115         | 420-460                 |

### Demographic Data

There is no demographic data available for the school because 02M139 has not yet opened.

### School Performance Data

There is no performance data available for the school because 02M139 has not yet opened.

## V. Initial Costs and Savings

New district schools are provided with a fixed per-school allocation and a variable per-pupil Other Than Personal Services (“OTPS”) allocation of funds to cover start-up costs. Based on current one-time allocations for new schools, 02M139 will receive a fixed allocation of \$80,000 and approximately \$49,875 - \$54,625 in new school OTPS start-up per-pupil allocations during its first year.<sup>20</sup>

<sup>19</sup> Projected enrollment is based on the planned number of sections for the entry grade.

<sup>20</sup> FY13 School Allocation Memorandum 21: Other Than Personal Services “OTPS” for New Schools

In addition, 02M139's basic operating budget will be determined by the Fair Student Funding ("FSF") formula used at all other New York City district public schools. Under FSF, schools receive City tax levy funding on a per pupil basis. Each student receives a per-pupil entitlement based on the grade level of the student.

Please refer to the FSF Guide and FY13 School Allocation Memoranda for additional information on cost of instruction and how the changes to FSF funding and other school allocations will be impacted as a result of register changes at 02M139 as the school phases in. The FSF Guide is available at: [http://schools.nyc.gov/offices/d\\_chanc\\_oper/budget/dbor/allocationmemo/fy12\\_13/FY13\\_PDF/FSF\\_Guide.pdf](http://schools.nyc.gov/offices/d_chanc_oper/budget/dbor/allocationmemo/fy12_13/FY13_PDF/FSF_Guide.pdf). Staffing changes are at the discretion of the school within the limits of contractual and mandated obligations.

As a result of the enrollment reduction, the total number of students enrolled at Bergtraum would decline each year, meaning that the school's budget would decrease each year, and the school would need fewer teachers and fewer supplies to meet the needs of its smaller student population. If for some reason the overall school enrollment grows again, the overall budget would increase accordingly. In any case, funding will be provided in accordance with enrollment levels, allowing the school to meet the instructional needs of its student population. This is how funding is awarded to all schools throughout the City, with budgets naturally increasing or decreasing as enrollment fluctuates from year to year.

## VI. Effect on Personnel Needs, Costs of Instruction, Administration, Transportation and Other Support Services

### A. Personnel Needs

02M139 will need to hire additional teachers during each year of the school's phase-in as the total number of students enrolled in the school increases over each of the next four years. The precise number of positions needed for the 2013-2014 school year will be determined once annual enrollment projections are released in the spring of 2013. Similarly, the number of new positions created to serve students in ninth through twelve grade will be determined based on annual enrollment projections available as the school grows to serve those grades.

New district schools follow the hiring process consistent with the procedures set forth in the collective bargaining agreement between the DOE and UFT.

New administrative staff and non-pedagogical positions will be created at 02M139 over the course of the school's phase-in. 02M139 is expected to hire additional administrative and non-pedagogical staff as each new grade is added.

New administrative staff and non-pedagogical positions will be created at 02M139 over the course of the school's phase-in. 02M139 is expected to hire additional administrative and non-pedagogical staff as each new grade is added.

## **B. Cost of Instruction**

Please refer to the FSF Guide<sup>21</sup> and FY13 School Allocation Memoranda<sup>22</sup> for additional information on how the changes to FSF funding and other school allocations will be impacted as a result of register changes at 02M139.

In addition, schools with CTE programs receive funds related to the Carl D. Perkins Vocational and Technical Education Act (“VTEA”). VTEA federal funds are used to improve career and technical education programs designed to prepare students to work in high-skill, high-wage, and high-demand careers. Currently all programs, approved or not yet approved, are eligible for these funds. After June 2014, only SED approved programs will be eligible for this funding. As VTEA funds are funded on a per pupil basis, as Bergtraum reduces its future enrollment, the school would lose some of its additional funding to support the CTE program development as the enrollment declines.

This proposal is not expected to impact initial costs or allocations at Bergtraum in building M520.

As student enrollment at Bergtraum declines, the school’s staffing needs may be reduced. All excessing would be conducted in accordance with existing labor contracts. For example, the current UFT contract would require excessing to take place in reverse seniority order within each given teaching license area. Barring system-wide layoffs, excessed teachers would be eligible to apply for other City positions, and any teachers who did not find a permanent position would be placed in the Absent Teacher Reserve (“ATR”) pool, meaning that they would continue to earn their salary while serving in the capacity of a substitute teacher in other City schools. Should there be a vacancy in the school in a teacher’s license area within one year of the teacher being excessed, the teacher would have a right of return to the school, consistent with applicable contractual provisions regarding teachers’ seniority.

## **C. Administration**

02M139 will hire school supervisors and/or administrator personnel on an as needed basis throughout the course of the school’s phase-in.

There is no anticipated impact on the administration of the other organizations in the building as a result of this proposal.

## **D. Transportation**

There will be no change to existing transportation practices to the organizations in the M520 building. Transportation will be provided at these schools according to Chancellor’s Regulation A-801: <http://schools.nyc.gov/NR/rdonlyres/21A1B11A-886B-4F74-9546-E875EE82A14C/40303/A801.pdf>.

## **E. Other Support Services**

The provision of certain support services is described above. Other support services will continue to be provided consistent with citywide policy.

<sup>21</sup> [http://schools.nyc.gov/offices/d\\_chanc\\_oper/budget/dbor/allocationmemo/fy12\\_13/FY13\\_PDF/FSF\\_Guide.pdf](http://schools.nyc.gov/offices/d_chanc_oper/budget/dbor/allocationmemo/fy12_13/FY13_PDF/FSF_Guide.pdf)

<sup>22</sup> [http://schools.nyc.gov/offices/d\\_chanc\\_oper/budget/dbor/allocationmemo/fy12\\_13/AM\\_FY13\\_CAT.html](http://schools.nyc.gov/offices/d_chanc_oper/budget/dbor/allocationmemo/fy12_13/AM_FY13_CAT.html)

## VII. Building Information

|   |  |   |
|---|--|---|
| <b>Building</b>   |  | M520  |
| <b>Type of Building</b>   |  | HS  |
| <b>Year Built</b>   |  | 1975  |
| <b>Overall BCAS rating</b>  |  | 2.7   |
| <b>2011-2012 Target Building Utilization</b>                      |  | 97%   |
| <b>2011-2012 Target Building Capacity</b>                         |  | 2134  |
| <b>FY 2012<br/>Maintenance<br/>Costs</b>                          | <b>Labor</b>   | \$49,966  |
|   | <b>Materials</b>                                       | \$22,847  |
|   | <b>Maintenance and repair contracts</b>                | \$42,874  |
|   | <b>Service contracts</b>                               | \$21,045  |
|   | <b>Custodial operations costs—Materials</b>            | \$24,369  |
|   | <b>Custodial operations costs—Custodial Allocation</b> | \$469,700   |
| <b>FY 2012<br/>Energy Costs</b>                                   | <b>Electric</b>  | \$638,879   |
|   | <b>Gas</b>   | \$588,938   |
|   | <b>Oil</b>   | n/a   |
| <b>Projects completed during the current or prior school year</b> |  | None  |
| <b>Projects proposed in the capital plan</b>                      |  | Classroom Connectivity, New/Retrofit Telephone/Intercom System                                    |
| <b>Accessibility of the building</b>                              |  | Building is functionally fully programmatically accessible  |
| <b>Building attributes<sup>23</sup></b>                           |  | Art Rooms, Auditorium, Cafeteria, Computer Rooms, Gymnasium, Library, Nurse's Office, Science Lab |

<sup>23</sup> The Department of Space and Facilities has noted "steam heat in gas number."

## Appendix A: Interest Area – Humanities and Interdisciplinary

| DBN <sup>24</sup> | Boro      | School Name  | Address                    | 2012-13 Enrollment | 2011-2012 Org Capacity | 2012-2013 Org Util <sup>25</sup> | 2011-2012 Progress Report Grade | % SE | % ELL | Program Name   | Admissions Method  |
|-------------------|-----------|--|----------------------------|--------------------|------------------------|----------------------------------|---------------------------------|------|-------|--|--------------------|
| 01M292            | Manhattan | Henry Street School for International Studies                | 220 Henry Street           | 396                | 805                    | 49%                              | C                               | 16%  | 21%   | International Studies                                    | Limited Unscreened |
| 01M450            | Manhattan | East Side Community School                                   | 420 East 12 Street         | 643                | 834                    | 77%                              | A                               | 19%  | 3%    | East Side Community                                      | Screened           |
| 01M509            | Manhattan | Marta Valle High School                                      | 145 Stanton Street         | 371                | 543                    | 68%                              | C                               | 19%  | 10%   | Marta Valle High School                                  | Ed. Opt.           |
| 01M696            | Manhattan | Bard High School Early College                               | 525 East Houston Street    | 602                | 796                    | 76%                              | B                               | 0%   | 0%    | Early College  | Screened           |
| 02M047            | Manhattan | "47" The American Sign Language and English Secondary School | 223 East 23 Street         | 197                | 267                    | 74%                              | B                               | 23%  | 9%    | English/American Sign Language Dual Language Environment | Screened           |
| 02M294            | Manhattan | Essex Street Academy   | 350 Grand Street           | 343                | 479                    | 72%                              | B                               | 13%  | 3%    | Essex Street Academy                                     | Limited Unscreened |
| 02M298            | Manhattan | PACE High School   | 100 Hester Street          | 429                | 492                    | 87%                              | A                               | 12%  | 2%    | PACE High School   | Limited Unscreened |
| 02M303            | Manhattan | The Facing History School                                    | 525 West 50Th Street       | 420                | 479                    | 88%                              | A                               | 22%  | 20%   | The Facing History School                                | Limited Unscreened |
| 02M374            | Manhattan | Gramercy Arts High School                                    | 40 Irving Place            | 518                | 534                    | 97%                              | C                               | 13%  | 2%    | International Baccalaureate Program                      | Screened           |
| 02M376            | Manhattan | NYC iSchool  | 131 Avenue Of The Americas | 447                | 247                    | 181%                             | B                               | 6%   | 0%    | NYC iSchool  | Screened           |
| 02M399            | Manhattan | The High School for Language and Diplomacy                   | 40 Irving Place            | 337                | 417                    | 81%                              | -                               | 14%  | 22%   | High School for Language and Diplomacy                   | Limited Unscreened |

<sup>24</sup> An asterisk (\*) signifies a school that has been proposed for phase out. These proposals will be voted on by the PEP in March 2013.

<sup>25</sup> The org capacity and org utilization of new schools that opened in the 2012-2013 school year are denoted as N/A.

|        |           |   |                      |      |      |      |   |     |     |  |                            |
|--------|-----------|---|----------------------|------|------|------|---|-----|-----|--|----------------------------|
| 02M400 | Manhattan | High School for Environmental Studies     | 444 West 56 Street   | 1346 | 1033 | 130% | B | 10% | 9%  | Environmental Studies                                      | Ed. Opt.                   |
| 02M407 | Manhattan | Institute for Collaborative Education     | 345 East 15Th Street | 480  | 383  | 125% | A | 0%  | 1%  | Institute for Collaborative Education for New Students     | Screened                   |
| 02M407 | Manhattan | Institute for Collaborative Education     | 345 East 15Th Street | 480  | 383  | 125% | A | 0%  | 1%  | Institute for Collaborative Education for Current Students | For Continuing 8th Graders |
| 02M411 | Manhattan | Baruch College Campus High School         | 55 East 25 Street    | 441  | 502  | 88%  | A | 1%  | 0%  | Baruch College   | Screened                   |
| 02M412 | Manhattan | NYC Lab School for Collaborative Studies  | 333 West 17 Street   | 578  | 516  | 112% | A | 13% | 1%  | College Prep   | Screened                   |
| 02M413 | Manhattan | School of the Future High School          | 127 East 22 Street   | 707  | 803  | 88%  | A | 7%  | 1%  | School of the Future                                       | Screened                   |
| 02M414 | Manhattan | NYC Museum School                         | 333 West 17 Street   | 480  | 480  | 100% | A | 4%  | 0%  | NYC Museum School  | Screened                   |
| 02M416 | Manhattan | Eleanor Roosevelt High School             | 411 East 76 Street   | 516  | 620  | 83%  | A | 0%  | 0%  | Eleanor Roosevelt High School                              | Screened                   |
| 02M418 | Manhattan | Millennium High School                    | 75 Broad Street      | 658  | 525  | 125% | A | 4%  | 0%  | Millennium High School                                     | Screened                   |
| 02M419 | Manhattan | Landmark High School                      | 351 West 18 Street   | 412  | 587  | 70%  | C | 22% | 19% | Landmark High School                                       | Ed. Opt.                   |
| 02M422 | Manhattan | Quest to Learn                            | 351 West 18 Street   | 341  | 204  | 167% | - | 9%  | 1%  | Quest to Learn   | Limited Unscreened         |
| 02M425 | Manhattan | Leadership and Public Service High School | 90 Trinity Place     | 654  | 744  | 88%  | C | 13% | 5%  | Leadership and Public Service                              | Ed. Opt.                   |
| 02M427 | Manhattan | Manhattan Academy for Arts & Language     | 111 East 33 Street   | 275  | 210  | 131% | - | 2%  | 84% | Manhattan Academy for Arts & Language                      | Screened: Language         |

|        |           |   |                    |     |     |      |   |     |     |  |                                |
|--------|-----------|---|--------------------|-----|-----|------|---|-----|-----|--|--------------------------------|
| 02M432 | Manhattan | Murray Hill Academy                             | 111 East 33 Street | 286 | 333 | 86%  | - | 17% | 8%  | Murray Hill Academy  | Limited Unscreened             |
| 02M437 | Manhattan | Hudson High School of Learning Technologies     | 351 West 18 Street | 351 | 152 | 231% | - | 19% | 11% | Hudson High School of Learning Technologies  | Limited Unscreened             |
| 02M438 | Manhattan | International High School at Union Square       | 40 Irving Place    | 258 | 442 | 58%  | - | 0%  | 83% | International High School at Union Square  | Screened: Language             |
| 02M439 | Manhattan | Manhattan Village Academy                       | 43 West 22 Street  | 413 | 499 | 83%  | A | 9%  | 3%  | Manhattan Village Academy  | Screened                       |
| 02M449 | Manhattan | Vanguard High School                            | 317 East 67 Street | 439 | 535 | 82%  | A | 14% | 6%  | College Preparatory  | Ed. Opt.                       |
| 02M459 | Manhattan | Manhattan International High School             | 317 East 67 Street | 323 | 425 | 76%  | A | 0%  | 73% | Humanities and Interdisciplinary   | Screened: Language             |
| 02M500 | Manhattan | Unity Center for Urban Technologies             | 111 East 33 Street | 267 | 372 | 72%  | A | 18% | 13% | Unity Center for Urban Technologies  | Ed. Opt.                       |
| 02M529 | Manhattan | Jacqueline Kennedy Onassis High School          | 120 West 46 Street | 724 | 545 | 133% | B | 10% | 9%  | International Marketing, Computer Applications, Foreign Trade and Virtual Enterprise | Ed. Opt.                       |
| 02M534 | Manhattan | Harvest Collegiate High School                  | 34 West 14 Street  | 125 | N/A | N/A  | - | 11% | 5%  | Harvest Collegiate High School   | Limited Unscreened             |
| 02M545 | Manhattan | High School for Dual Language and Asian Studies | 350 Grand Street   | 389 | 459 | 85%  | A | 0%  | 34% | High School for Dual Language and Asian Studies                                      | Screened: Language & Academics |
| 02M580 | Manhattan | Richard R. Green High School of                 | 26 Broadway        | 593 | 573 | 103% | B | 16% | 6%  | Liberal Arts Academy   | Ed. Opt.                       |

|        |           | Teaching   |                          |      |     |      |   |     |     |   |                            |  |
|--------|-----------|--|--------------------------|------|-----|------|---|-----|-----|---|----------------------------|--|
| 02M605 | Manhattan | Humanities Preparatory Academy                             | 351 West 18 Street       | 211  | 231 | 91%  | B | 7%  | 1%  | Humanities Preparatory Academy                        | Screened                   |  |
| 03M299 | Manhattan | High School for Arts, Imagination and Inquiry              | 122 Amsterdam Avenue     | 440  | 416 | 106% | B | 15% | 11% | High School for Arts, Imagination and Inquiry         | Limited Unscreened         |  |
| 03M403 | Manhattan | The Global Learning Collaborative                          | 145 West 84 Street       | 440  | 403 | 109% | - | 15% | 14% | The Global Learning Collaborative                     | Limited Unscreened         |  |
| 03M415 | Manhattan | Wadleigh Secondary School for the Performing & Visual Arts | 215 West 114 Street      | 549  | 804 | 68%  | C | 11% | 7%  | Wadleigh Secondary                                    | Limited Unscreened         |  |
| 03M417 | Manhattan | Frank McCourt High School                                  | 145 West 84 Street       | 294  | 256 | 115% | - | 6%  | 1%  | Frank McCourt High School                             | Screened                   |  |
| 03M479 | Manhattan | Beacon High School   | 227-243 West 61St Street | 1265 | 809 | 156% | A | 2%  | 0%  | The Beacon School                                     | Screened                   |  |
| 03M860 | Manhattan | Frederick Douglass Academy II Secondary School             | 215 West 114 Street      | 406  | 592 | 69%  | A | 15% | 8%  | Frederick Douglass Academy II for New Students        | Ed. Opt.                   |  |
| 03M860 | Manhattan | Frederick Douglass Academy II Secondary School             | 215 West 114 Street      | 406  | 592 | 69%  | A | 15% | 8%  | Frederick Douglass Academy II for Continuing Students | For Continuing 8th Graders |  |
| 04M409 | Manhattan | Coalition School for Social Change                         | 2351 1St Avenue          | 363  | 554 | 66%  | D | 19% | 9%  | Coalition School for Social Change                    | Ed. Opt.                   |  |
| 04M495 | Manhattan | Park East High School                                      | 230-34 East 105 Street   | 388  | 315 | 123% | B | 11% | 3%  | Park East High School                                 | Screened                   |  |
| 04M555 | Manhattan | Central Park East High School                              | 1573 Madison Avenue      | 468  | 557 | 84%  | A | 9%  | 4%  | Central Park East                                     | Screened                   |  |

|         |           |  |                           |      |      |      |   |     |     |   |                    |
|---------|-----------|--|---------------------------|------|------|------|---|-----|-----|---|--------------------|
| 04M610  | Manhattan | Young Women's Leadership School                          | 105 East 106 Street       | 442  | 531  | 83%  | A | 0%  | 2%  | Young Women's Leadership School                   | Screened           |
| 05M367  | Manhattan | Academy for Social Action: A College Board School        | 509 West 129 Street       | 408  | 405  | 101% | F | 16% | 14% | Academy for Social Action: A College Board School | Limited Unscreened |
| 05M499  | Manhattan | Frederick Douglass Academy                               | 2581 7Th Avenue           | 1469 | 1710 | 86%  | C | 6%  | 2%  | Frederick Douglass Academy                        | Screened           |
| 05M670  | Manhattan | Thurgood Marshall Academy for Learning and Social Change | 200-214 West 135Th Street | 576  | 644  | 89%  | B | 11% | 1%  | International Baccalaureate Middle Years Program  | Screened           |
| 05M685* | Manhattan | Bread & Roses Integrated Arts High School                | 6 Edgecombe Avenue        | 469  | 612  | 77%  | F | 15% | 18% | Bread & Roses Integrated Arts                     | Ed. Opt.           |
| 06M293  | Manhattan | City College Academy of the Arts                         | 4600 Broadway             | 603  | 598  | 101% | A | 12% | 4%  | City College Academy of the Arts                  | Screened           |
| 06M346  | Manhattan | Community Health Academy of the Heights                  | 512 W 182Nd St            | 554  | 548  | 101% | B | 6%  | 30% | Community Health Academy of the Heights           | Limited Unscreened |
| 06M348  | Manhattan | Washington Heights Expeditionary Learning School         | 511 West 182Nd Street     | 636  | 535  | 119% | A | 13% | 18% | Washington Heights Expeditionary Learning School  | Limited Unscreened |
| 06M423  | Manhattan | High School for Excellence and Innovation                | 650 Academy Street        | 221  | 293  | 75%  | - | 22% | 17% | High School for Excellence and Innovation         | Limited Unscreened |
| 06M462  | Manhattan | The College Academy                                      | 549 Audubon Avenue        | 586  | 567  | 103% | B | 10% | 42% | International Business                            | Ed. Opt.           |
| 06M540  | Manhattan | A. Philip Randolph Campus High School                    | 443 West 135 Street       | 1354 | 1437 | 94%  | D | 6%  | 3%  | Academic Professions                              | Ed. Opt.           |

|        |           |                                       |                     |      |      |     |   |    |    |                    |          |
|--------|-----------|---------------------------------------|---------------------|------|------|-----|---|----|----|--------------------|----------|
| 06M540 | Manhattan | A. Philip Randolph Campus High School | 443 West 135 Street | 1354 | 1437 | 94% | D | 6% | 3% | Humanities Program | Screened |
|--------|-----------|---------------------------------------|---------------------|------|------|-----|---|----|----|--------------------|----------|

| <b>Sources:</b>                               |  |
|---|--|
| 2012-13 Enrollment                            | 2012-2013 Unaudited Register (as of October 26, 2012).   |
| 2011-12 Organization Capacity (Org Capacity)  | School Capacity in 2011-2012 from the School Utilization Report ("Blue Book").   |
| 2012-2013 Organization Utilization (Org Util) | The utilization rate reported here may differ from that published in the 2011-2012 Blue Book because the building enrollment figures referenced throughout this document and used in the calculation of utilization rates are based on the unaudited enrollment as of October 26, 2012. This methodology is consistent with the manner in which the DOE conducts planning and calculates space allocations and funding for all schools. In determining the space allocation for co-located schools, the Office of Space Planning will conduct a detailed site survey and space analysis of the building to assess the amount of space available in the building. |
| % Special Education (SE)                      | Students with disabilities as percentage of total students from the 2012-2013 Unaudited Register (as of October 26, 2012). This count does not include SETSS or students receiving speech or language services.  |
| % English Language Learner (ELL)              | English Language Learner students as percentage of total students from the 2012-2013 Unaudited Register (as of October 26, 2012).  |
| Progress Report                               | 2011-2012 Progress Report Grade.   |
| Admissions                                    | Process by which students are admitted to the school.  |

## Appendix B: CTE Career Cluster – Business Management and Administration<sup>26</sup>

| DBN <sup>27</sup> | Borough   | School Name  | Address                | 2012-2013 Enrollment | 2011-2012 Org Capacity | 2012-2013 Org Util | 2011-2012 Overall Grade | % SE | % ELL | Program Name  | School Admissions Method | CTE State Approval Status |
|-------------------|-----------|--|------------------------|----------------------|------------------------|--------------------|-------------------------|------|-------|---|--------------------------|---------------------------|
| 02M392            | Manhattan | MANHATTAN BUSINESS ACADEMY   | 351 West 18 Street     | 401                  | 262                    | 153%               | -                       | 13%  | 9%    | Business/Virtual Enterprise                           | Limited Unscreened       | Non-Approved              |
| 02M489            | Manhattan | High School of Economics and Finance                                 | 100 Trinity Place      | 761                  | 733                    | 104%               | B                       | 9%   | 9%    | Academy of Finance                                    | Ed. Opt.                 | Non-Approved              |
| 02M460            | Manhattan | Washington Irving High School  | 40 Irving Place        | 641                  | 1537                   | 42%                | -                       | 16%  | 20%   | Union Square Business Academy                         | Phase Out                | Phase Out                 |
| 02M620            | Manhattan | Norman Thomas High School  | 111 East 33 Street     | 730                  | 1156                   | 63%                | -                       | 16%  | 21%   | Business Information Technology                       | Phase Out                | Phase Out                 |
| 02M620            | Manhattan | Norman Thomas High School  | 111 East 33 Street     | 730                  | 1156                   | 63%                | -                       | 16%  | 21%   | Accounting  | Phase Out                | Phase Out                 |
| 10X284            | Bronx     | Bronx School of Law and Finance                                      | 99 Terrace View Avenue | 420                  | 556                    | 76%                | B                       | 17%  | 6%    | Academy of Finance                                    | Limited Unscreened       | Non-Approved              |
| 11X270            | Bronx     | Academy for Scholarship and Entrepreneurship: A College Board School | 921 East 228Th Street  | 538                  | 613                    | 88%                | B                       | 17%  | 6%    | Virtual Enterprise Game Theory/Accounting and Finance | Limited Unscreened       | Non-Approved              |
| 16K688            | Brooklyn  | The Brooklyn Academy of Global Finance                               | 125 Stuyvesant Avenue  | 180                  | 275                    | 65%                | -                       | 21%  | 8%    | Academy of Global Finance                             | Limited Unscreened       | Non-Approved              |
| 10X660            | Bronx     | Grace Dodge Career and Technical Education High School               | 2474 Crotona Avenue    | 749                  | 1262                   | 59%                | -                       | 18%  | 22%   | Academy of Finance                                    | Phase Out                | Phase Out                 |

<sup>26</sup> The admissions method of programs that are in the process of phasing out are only open to students who are of the remaining grade levels.

<sup>27</sup> An asterisk (\*) signifies a school that has been proposed for phase-out. The Panel for Educational Policy will vote on phase out proposals in March 2013.

|         |               |   |                        |      |      |      |   |     |     |                      |                    |                  |
|---------|---------------|---|------------------------|------|------|------|---|-----|-----|----------------------|--------------------|------------------|
| 20K490  | Brooklyn      | Fort Hamilton High School                             | 8301 Shore Road        | 4474 | 2752 | 163% | B | 11% | 21% | Academy of Finance   | Screened           | Non-Approved     |
| 21K540  | Brooklyn      | John Dewey High School                                | 50 Avenue X            | 1914 | 2434 | 79%  | B | 8%  | 21% | Academy of Finance   | Ed. Opt.           | Non-Approved     |
| 22K425  | Brooklyn      | James Madison High School                             | 3787 Bedford Avenue    | 3223 | 2288 | 141% | B | 10% | 11% | Financial Management | Screened           | Non-Approved     |
| 22K495* | Brooklyn      | Sheepshead Bay High School                            | 3000 Avenue X          | 1731 | 2430 | 71%  | D | 13% | 22% | Business Institute   | Ed. Opt.           | Non-Approved     |
| 24Q264  | Queens        | Academy of Finance and Enterprise                     | 30-20 Thomson Avenue   | 437  | 376  | 116% | A | 8%  | 6%  | Academy of Finance   | Limited Unscreened | Non-Approved     |
| 17K625  | Brooklyn      | Paul Robeson High School                              | 150 Albany Avenue      | 171  | 529  | 32%  | - | 23% | 5%  | Academy of Finance   | Phase Out          | Phase Out        |
| 24Q485  | Queens        | Grover Cleveland High School                          | 21-27 Himrod Street    | 1962 | 2208 | 89%  | B | 9%  | 20% | Academy of Finance   | Ed. Opt.           | Non-Approved     |
| 24Q600  | Queens        | Queens Vocational and Technical High School           | 37-02 47 Avenue        | 1476 | 1231 | 120% | B | 10% | 5%  | Accounting           | Screened           | Approval Pending |
| 27Q475  | Queens        | Richmond Hill High School                             | 89-30 114 Street       | 2396 | 2211 | 108% | C | 11% | 16% | Academy of Finance   | Ed. Opt.           | Non-Approved     |
| 28Q470  | Queens        | Jamaica High School                                   | 167-01 Gothic Drive    | 273  | 757  | 36%  | - | 11% | 29% | Academy of Finance   | Phase Out          | Non-Approved     |
| 28Q505  | Queens        | Hillcrest High School                                 | 160-05 Highland Avenue | 3154 | 2676 | 118% | B | 7%  | 14% | Business Institute   | Ed. Opt.           | Non-Approved     |
| 31R455  | Staten Island | Tottenville High School                               | 100 Luten Avenue       | 3876 | 3531 | 110% | B | 11% | 1%  | Academy of Finance   | Ed. Opt.           | Non-Approved     |
| 31R460  | Staten Island | Susan E. Wagner High School                           | 1200 Manor Road        | 3419 | 2685 | 127% | A | 14% | 3%  | Academy of Finance   | Screened           | Non-Approved     |
| 84X208  | Bronx         | New Visions Charter High School for the Humanities II | 455 Southern Boulevard | 119  | N/A  | N/A  | - | 16% | 17% | N/A                  | Lottery            | TBD              |

**Note about CTE Programs and Pathways:** A CTE Program of study can fall into one of over 70 career pathways. Implemented at the high school level, a CTE program of study offers students a cohesive articulated sequence of rigorous academic courses integrated with workforce skills aligned to business and industry standards. Career Pathways is a term used to identify the workforce development strategy, adopted at federal, state, and city levels, to increase education, training and learning opportunities for the nation's current and emerging workforce. There are sixteen career clusters identified at the federal level. Those sixteen clusters can be further divided into over 70 career pathways.

## Appendix B: CTE Career Cluster – Law and Public Safety<sup>28</sup>

| DBN <sup>29</sup> | Borough   | School Name   | Address                  | 2012-2013 Enrollment | 2011-2012 Org Capacity | 2012-2013 Org Util | 2011-2012 Overall Grade | % SE | % ELL | Program Name                   | School Admissions Method | CTE State Approval Status |
|-------------------|-----------|---|--------------------------|----------------------|------------------------|--------------------|-------------------------|------|-------|--------------------------------|--------------------------|---------------------------|
| 02M460            | Manhattan | Washington Irving High School                                     | 40 Irving Place          | 641                  | 1537                   | 42%                | -                       | 16%  | 20%   | Computer Forensics             | Phase Out                | Phase Out                 |
| 02M460            | Manhattan | Washington Irving High School                                     | 40 Irving Place          | 641                  | 1537                   | 42%                | -                       | 16%  | 20%   | Law Academy/Legal Studies      | Phase Out                | Phase Out                 |
| 06M467            | Manhattan | High School for Law and Public Service                            | 549 Audubon Avenue       | 691                  | 519                    | 133%               | B                       | 11%  | 29%   | Law Academy/Legal Studies      | Ed. Opt.                 | Non-Approved              |
| 08X405*           | Bronx     | Herbert H. Lehman High School.                                    | 3000 East Tremont Avenue | 3042                 | 2990                   | 102%               | D                       | 19%  | 9%    | Forensics Science & Technology | Ed. Opt.                 | Non-Approved              |
| 08X405*           | Bronx     | Herbert H. Lehman High School.                                    | 3000 East Tremont Avenue | 3042                 | 2990                   | 102%               | D                       | 19%  | 9%    | Law Academy/Legal Studies      | Ed. Opt.                 | Non-Approved              |
| 08X519            | Bronx     | Felisa Rincon de Gautier Institute for Law and Public Policy, The | 1440 Story Avenue        | 367                  | 418                    | 88%                | C                       | 18%  | 13%   | Law Academy/Legal Studies      | Limited Unscreened       | Non-Approved              |
| 09X525            | Bronx     | Bronx Leadership Academy High School                              | 1710 Webster Avenue      | 710                  | 552                    | 129%               | B                       | 15%  | 10%   | Law Academy/Legal Studies      | Ed. Opt.                 | Non-Approved              |
| 10X284            | Bronx     | Bronx School of Law and   | 99 Terrace View          | 420                  | 556                    | 76%                | B                       | 17%  | 6%    | Law Academy/Legal              | Limited Unscreened       | Non-Approved              |

<sup>28</sup> The admissions method of programs that are in the process of phasing out are only open to students who are of the remaining grade levels.

<sup>29</sup> An asterisk (\*) signifies a school that has been proposed for phase-out. The Panel for Educational Policy will vote on phase out proposals in March 2013.

|        |          | Finance  | Avenue                |      |      |      |   |     |     | Studies                   |           |              |
|--------|----------|--|-----------------------|------|------|------|---|-----|-----|---------------------------|-----------|--------------|
| 10X439 | Bronx    | Bronx High School for Law and Community Service        | 500 East Fordham Road | 419  | 420  | 100% | C | 16% | 16% | Law Enforcement Academy   | Ed. Opt.  | Non-Approved |
| 08X650 | Bronx    | Jane Addams High School for Academic Careers           | 900 Tinton Avenue     | 488  | 1241 | 39%  | - | 15% | 9%  | Law Academy/Legal Studies | Phase Out | Phase Out    |
| 11X455 | Bronx    | Harry S Truman High School                             | 750 Baychester Avenue | 1867 | 2894 | 65%  | A | 13% | 8%  | Law Academy/Legal Studies | Ed. Opt.  | Non-Approved |
| 11X455 | Bronx    | Harry S Truman High School                             | 750 Baychester Avenue | 1867 | 2894 | 65%  | A | 13% | 8%  | Law Enforcement Academy   | Ed. Opt.  | Non-Approved |
| 12X690 | Bronx    | Monroe Academy for Business/Law                        | 1300 Boynton Avenue   | 150  | 408  | 37%  | - | 11% | 15% | Law Academy               | Phase Out | Non-Approved |
| 13K430 | Brooklyn | Brooklyn Technical High School                         | 29 Ft Greene Place    | 5459 | 4291 | 127% | B | 0%  | 0%  | Criminal Justice          | Test      | Non-Approved |
| 14K477 | Brooklyn | School for Legal Studies                               | 850 Grand Street      | 718  | 1055 | 68%  | C | 10% | 8%  | Computer Forensics        | Ed. Opt.  | Non-Approved |
| 14K477 | Brooklyn | School for Legal Studies                               | 850 Grand Street      | 718  | 1055 | 68%  | C | 10% | 8%  | Law Academy/Legal Studies | Ed. Opt.  | Non-Approved |
| 14K477 | Brooklyn | School for Legal Studies                               | 850 Grand Street      | 718  | 1055 | 68%  | C | 10% | 8%  | Law Enforcement           | Ed. Opt.  | Non-Approved |
| 10X660 | Bronx    | Grace Dodge Career and Technical Education High School | 2474 Crotona Avenue   | 749  | 1262 | 59%  | - | 18% | 22% | Law Academy/Legal Studies | Phase Out | Phase Out    |

|         |          |   |                       |      |      |      |   |     |     |                           |                    |              |
|---------|----------|---|-----------------------|------|------|------|---|-----|-----|---------------------------|--------------------|--------------|
| 15K519  | Brooklyn | Cobble Hill School of American Studies        | 347 Baltic Street     | 627  | 841  | 75%  | B | 15% | 7%  | Law Academy/Legal Studies | Limited Unscreened | Non-Approved |
| 16K455  | Brooklyn | Boys and Girls High School                    | 1700 Fulton Street    | 1248 | 3389 | 37%  | F | 14% | 3%  | Law Academy/Legal Studies | Screened           | Non-Approved |
| 16K498  | Brooklyn | Brooklyn High School for Law and Technology   | 1396 Broadway         | 462  | 663  | 70%  | A | 11% | 4%  | Law Academy/Legal Studies | Screened           | Non-Approved |
| 17K539  | Brooklyn | High School for Service & Learning at Erasmus | 911 Flatbush Avenue   | 411  | 455  | 90%  | A | 18% | 8%  | Law Academy/Legal Studies | Limited Unscreened | Non-Approved |
| 18K642  | Brooklyn | Urban Action Academy                          | 1600 Rockaway Parkway | 306  | 522  | 59%  | C | 16% | 10% | Law Academy/Legal Studies | Limited Unscreened | Non-Approved |
| 20K445  | Brooklyn | New Utrecht High School                       | 1601 80 Street        | 3299 | 2225 | 148% | B | 12% | 23% | Law Academy/Legal Studies | Ed. Opt.           | Non-Approved |
| 20K490  | Brooklyn | Fort Hamilton High School                     | 8301 Shore Road       | 4474 | 2752 | 163% | B | 11% | 21% | Law Academy/Legal Studies | Screened           | Non-Approved |
| 22K405  | Brooklyn | Midwood High School                           | 2839 Bedford Avenue   | 3907 | 2428 | 161% | B | 5%  | 4%  | Law Academy/Legal Studies | Unscreened         | Non-Approved |
| 22K425  | Brooklyn | James Madison High School                     | 3787 Bedford Avenue   | 3223 | 2288 | 141% | B | 10% | 11% | Law Academy/Legal Studies | Screened           | Non-Approved |
| 22K495* | Brooklyn | Sheepshead Bay High School                    | 3000 Avenue X         | 1731 | 2430 | 71%  | D | 13% | 22% | Law Academy/Legal Studies | Ed. Opt.           | Non-Approved |
| 25Q460  | Queens   | Flushing High School                          | 35-01 Union           | 3032 | 2031 | 149% | D | 10% | 18% | Law Academy/Legal         | Ed. Opt.           | Non-Approved |

|        |        |                                   | Street                    |      |      |      |   |     |     | Studies                   |           |              |
|--------|--------|-----------------------------------|---------------------------|------|------|------|---|-----|-----|---------------------------|-----------|--------------|
| 25Q460 | Queens | Flushing High School              | 35-01 Union Street        | 3032 | 2031 | 149% | D | 10% | 18% | Law Enforcement Academy   | Ed. Opt.  | Non-Approved |
| 25Q525 | Queens | Townsend Harris High School       | 149-11 Melbourne Avenue   | 1116 | 906  | 123% | A | 0%  | 0%  | Law Academy/Legal Studies | Screened  | Non-Approved |
| 26Q430 | Queens | Francis Lewis High School         | 58-20 Utopia Parkway      | 4149 | 2360 | 176% | A | 10% | 13% | Criminal Justice          | Ed. Opt.  | Non-Approved |
| 26Q430 | Queens | Francis Lewis High School         | 58-20 Utopia Parkway      | 4149 | 2360 | 176% | A | 10% | 13% | Law Academy/Legal Studies | Ed. Opt.  | Non-Approved |
| 27Q400 | Queens | August Martin High School         | 156-10 Baisley Boulevard  | 1031 | 1769 | 58%  | D | 21% | 5%  | Law Academy/Legal Studies | Ed. Opt.  | Non-Approved |
| 27Q475 | Queens | Richmond Hill High School         | 89-30 114 Street          | 2396 | 2211 | 108% | C | 11% | 16% | Law Academy/Legal Studies | Ed. Opt.  | Non-Approved |
| 27Q480 | Queens | John Adams High School            | 101-01 Rockaway Boulevard | 3301 | 2773 | 119% | C | 10% | 16% | Law Academy/Legal Studies | Ed. Opt.  | Non-Approved |
| 28Q440 | Queens | Forest Hills High School          | 67-01 110 Street          | 3854 | 2064 | 187% | A | 9%  | 8%  | Law Academy/Legal Studies | Screened  | Non-Approved |
| 28Q470 | Queens | Jamaica High School               | 167-01 Gothic Drive       | 273  | 757  | 36%  | - | 11% | 29% | Law Academy/Legal Studies | Phase Out | Non-Approved |
| 28Q505 | Queens | Hillcrest High School             | 160-05 Highland Avenue    | 3154 | 2676 | 118% | B | 7%  | 14% | Law Academy/Legal Studies | Ed. Opt.  | Non-Approved |
| 30Q445 | Queens | William Cullen Bryant High School | 48-10 31 Avenue           | 2798 | 2742 | 102% | C | 10% | 16% | Law Academy/Legal Studies | Screened  | Non-Approved |

|        |               |                             |                     |      |      |      |   |     |    |                           |            |              |
|--------|---------------|-----------------------------|---------------------|------|------|------|---|-----|----|---------------------------|------------|--------------|
| 31R440 | Staten Island | New Dorp High School        | 465 New Dorp Lane   | 2692 | 3345 | 80%  | B | 8%  | 5% | Computer Forensics        | Ed. Opt.   | Non-Approved |
| 31R440 | Staten Island | New Dorp High School        | 465 New Dorp Lane   | 2692 | 3345 | 80%  | B | 8%  | 5% | Law Academy/Legal Studies | Ed. Opt.   | Non-Approved |
| 31R450 | Staten Island | Curtis High School          | 105 Hamilton Avenue | 2498 | 1697 | 147% | B | 11% | 6% | Law Enforcement           | Unscreened | Non-Approved |
| 31R455 | Staten Island | Tottenville High School     | 100 Luten Avenue    | 3876 | 3531 | 110% | B | 11% | 1% | Law Academy               | Ed. Opt.   | Non-Approved |
| 31R460 | Staten Island | Susan E. Wagner High School | 1200 Manor Road     | 3419 | 2685 | 127% | A | 14% | 3% | Law Academy/Legal Studies | Screened   | Non-Approved |

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## Appendix B: CTE Career Cluster – Manufacturing Production Cluster<sup>30</sup>

| DBN    | Borough   | School Name   | Address                      | 2012-2013 Enrollment | 2011-2012 Org Capacity | 2012-2013 Org Util | 2011-2012 Overall Grade | % SE | % ELL | Program Name  | School Admissions Method | CTE State Approval Status |
|--------|-----------|---|------------------------------|----------------------|------------------------|--------------------|-------------------------|------|-------|---|--------------------------|---------------------------|
| 01M515 | Manhattan | Lower East Side Preparatory High School                   | 145 Stanton Street           | 529                  | 549                    | 96%                | A                       | 0%   | 64%   | Robotics  | Transfer School          | Non-Approved              |
| 02M551 | Manhattan | Urban Assembly New York Harbor School                     | 10 South Street, Slip 7      | 441                  | 438                    | 101%               | A                       | 12%  | 3%    | Robotics  | Limited Unscreened       | Non-Approved              |
| 02M630 | Manhattan | Art and Design High School                                | 231-249 East 56 Street       | 1405                 | 1436                   | 98%                | B                       | 7%   | 2%    | Architectural Design  | Audition                 | Approved                  |
| 06M540 | Manhattan | A. Philip Randolph Campus High School                     | 443 West 135 Street          | 1354                 | 1437                   | 94%                | D                       | 6%   | 3%    | CAD   | Ed. Opt.                 | Non-Approved              |
| 07X522 | Bronx     | Bronx Design and Construction Academy                     | 333 East 151 Street          | 299                  | 253                    | 118%               | -                       | 24%  | 14%   | Pre-engineering/ Architectural Drafting   | Limited Unscreened       | Non-Approved              |
| 07X655 | Bronx     | Samuel Gompers Career and Technical Education High School | 455 Southern Blvd            | 428                  | 1368                   | 31%                | -                       | 21%  | 16%   | CADD  | Phase Out                | Phase Out                 |
| 09x403 | Bronx     | Bronx International High School                           | 1110 Boston Road             | 403                  | 527                    | 76%                | A                       | 1%   | 80%   | Construction Engineering Technology/Technician/Historic Preservation/Sustainability | Screened: Language       | Non-Approved              |
| 10X213 | Bronx     | Bronx Engineering and Technology Academy                  | 99 Terrace View Avenue       | 419                  | 525                    | 80%                | B                       | 19%  | 15%   | Technology Education-Pre-Engineering-PLTW   | Limited Unscreened       | Non-Approved              |
| 13K419 | Brooklyn  | Science Skills Center High School for Science,            | 49 Flatbush Avenue Extension | 535                  | 660                    | 81%                | B                       | 11%  | 6%    | PLTW-Pre-Engineering  | Ed. Opt.                 | Non-Approved              |

<sup>30</sup> The admissions method of programs that are in the process of phasing out are only open to students who are of the remaining grade levels.

|        |          |   |                         |      |      |      |   |     |     |   |                    |              |
|--------|----------|---|-------------------------|------|------|------|---|-----|-----|---|--------------------|--------------|
|        |          | Technology and the Creative Arts                                  |                         |      |      |      |   |     |     |   |                    |              |
| 13K430 | Brooklyn | Brooklyn Technical High School                                    | 29 Ft Greene Place      | 5459 | 4291 | 127% | B | 0%  | 0%  | Computer Integrated Manufacturing                                     | Test               | Approved     |
| 13K605 | Brooklyn | George Westinghouse Career and Technical Education High School    | 105 Johnson Street      | 824  | 1299 | 63%  | C | 13% | 2%  | CADD  | Screened           | Non-Approved |
| 14K558 | Brooklyn | Williamsburg High School for Architecture and Design              | 257 North 6 Street      | 538  | 546  | 99%  | A | 18% | 6%  | Architectural Drafting and Architectural CAD/CADD / Preservation Arts | Limited Unscreened | Non-Approved |
| 16K455 | Brooklyn | Boys and Girls High School  | 1700 Fulton Street      | 1248 | 3389 | 37%  | F | 14% | 3%  | Robotics  | Screened           | Non-Approved |
| 25Q525 | Queens   | Townsend Harris High School                                       | 149-11 Melbourne Avenue | 1116 | 906  | 123% | A | 0%  | 0%  | Robotics  | Screened           | Non-Approved |
| 26Q430 | Queens   | Francis Lewis High School   | 58-20 Utopia Parkway    | 4149 | 2360 | 176% | A | 10% | 13% | Engineering/Robotics  | Ed. Opt.           | Non-Approved |
| 27Q650 | Queens   | High School for Construction Trades, Engineering and Architecture | 94-06 104Th Street      | 934  | 941  | 99%  | B | 5%  | 1%  | Architecture  | Screened           | Non-Approved |
| 28Q505 | Queens   | Hillcrest High School   | 160-05 Highland Avenue  | 3154 | 2676 | 118% | B | 7%  | 14% | CADD  | Ed. Opt.           | Non-Approved |
| 28Q620 | Queens   | Thomas A. Edison Career and Technical Education High School       | 165-65 84 Avenue        | 2233 | 1768 | 126% | A | 9%  | 1%  | Mechanical Drafting   | Screened           | Approved     |
| 28Q620 | Queens   | Thomas A. Edison Career and Technical Education High School       | 165-65 84 Avenue        | 2233 | 1768 | 126% | A | 9%  | 1%  | Robotics  | Screened           | Approved     |

**Note about CTE Programs and Pathways:** A CTE Program of study can fall into one of over 70 career pathways. Implemented at the high school level, a CTE program of study offers students a cohesive articulated sequence of rigorous academic courses integrated with workforce skills aligned to business and industry standards. Career Pathways is a term used to identify the workforce development strategy, adopted at federal, state, and city levels, to increase education, training and learning opportunities for the nation's current and emerging workforce. There are sixteen career clusters identified at the federal level. Those sixteen clusters can be further divided into over 70 career pathways.

## Appendix B: CTE Career Cluster – Marketing, Sales and Services<sup>31</sup>

| DBN    | Borough   | School Name                           | Address            | 2012-2013 Enrollment | 2011-2012 Org Capacity | 2012-2013 Org Util | 2011-2012 Overall Grade | % SE | % ELL | Program Name                     | School Admissions Method | CTE State Approval Status |
|--------|-----------|---------------------------------------|--------------------|----------------------|------------------------|--------------------|-------------------------|------|-------|----------------------------------|--------------------------|---------------------------|
| 02M600 | Manhattan | The High School of Fashion Industries | 225 West 24 Street | 1677                 | 1879                   | 89%                | A                       | 7%   | 3%    | Visual and Fashion Merchandising | Audition                 | Approved                  |
| 02M600 | Manhattan | The High School of Fashion Industries | 225 West 24 Street | 1677                 | 1879                   | 89%                | A                       | 7%   | 3%    | Visual and Fashion Merchandising | Audition                 | Approved                  |
| 02M620 | Manhattan | Norman Thomas High School             | 111 East 33 Street | 730                  | 1156                   | 63%                | -                       | 16%  | 21%   | Sports Marketing                 | Phase Out                | Phase Out                 |
| 02M620 | Manhattan | Norman Thomas High School             | 111 East 33 Street | 730                  | 1156                   | 63%                | -                       | 16%  | 21%   | Visual and Fashion Merchandising | Phase Out                | Phase Out                 |
| 14K610 | Brooklyn  | Automotive High School                | 50 Bedford Avenue  | 633                  | 918                    | 69%                | C                       | 20%  | 6%    | Marketing                        | Ed. Opt.                 | Non-Approved              |

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<sup>31</sup> The admissions method of programs that are in the process of phasing out are only open to students who are of the remaining grade levels.