



## **Applying Mechatronics to Promote Science/Central Brooklyn STEM Initiative**

### **2012-2013 Program Application**

*Submit completed application to Susan Hermon by fax at 718 260 3733 or email to [shermon@poly.edu](mailto:shermon@poly.edu) no later than May 4, 2012*

#### **Section A: School information**

**School name & number:** \_\_\_\_\_

**Address:** \_\_\_\_\_

\_\_\_\_\_

**Principal:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Tel.:** ( ) \_\_\_\_\_ **Fax:** ( ) \_\_\_\_\_

**Teacher #1:** \_\_\_\_\_ **Teacher #2(if applicable):** \_\_\_\_\_

**Email Address:** \_\_\_\_\_ **Email address (if applicable):** \_\_\_\_\_

**Does your school have a robotics program?** \_\_\_\_\_

**If yes, for how many years?** \_\_\_\_\_

#### **Section B: Written Statement**

Attach a written statement on your schools letterhead answering the following questions:

1. How will your school manage the AMPS/CBSI program in your school so that its students, teachers and NYU-Poly's Fellow benefit from their participation?
2. What additional resources will your school devote to this program (i.e., additional personnel, purchase additional materials, etc.)?
3. How will your school utilize NYU-Poly's Fellow to create lessons that support your instructional program? Also, specify to which classes the Fellow will be assigned (i.e., grade 7 Mathematics, grade 6 Science).

**Section C: School Data for spring semester, 2011**

No. of Students \_\_\_\_\_ % Male \_\_\_\_\_ % Female \_\_\_\_\_

% Eligible for free lunch \_\_\_\_\_

Student Composition: % African American \_\_\_\_\_ % Hispanic \_\_\_\_\_  
% Asian \_\_\_\_\_ % Other \_\_\_\_\_

Projected number of students who will benefit directly from participation in AMPS/CBSI \_\_\_\_\_

This school has grades \_\_\_\_\_, and receives Title I funds (Y or N) and/or Title VII funds (Y or N).

This school has \_\_\_\_\_% English language learners, and a daily average attendance rate of \_\_\_\_\_%  
\_\_\_\_\_% of this school's students have an IEP.

**Section D: Commitment**

We understand the following:

Each teacher will attend **two** Monday/Friday (same week) planning sessions a month with their Fellow, during July and August 2012 (8 meetings total, 1-2 hours each).

The selected teacher(s) will attend a weeklong robotics-training workshop at NYU-Poly to be held from August 20th through August 24, 2012.

The teacher paired with NYU-Poly's Fellow will attend 10 monthly late-afternoon meetings at NYU-Poly from September 2012 through June 2013.

Selected teachers are required to participate in various activities and robotics competitions, which will be held on weekends. Teachers and principals commit to respond in a timely manner to requests for information and data collection requirements.

We understand that our school will be expected to welcome and support the AMPS/CBSI Fellow assigned by NYU-Poly. The Fellow will spend 10 hours/week in our school—6-8 hours working with their teacher(s) in classrooms and 2-4 hours mentoring an after-school robotics team. We will provide him/her with sufficient classroom time to provide well-prepared lessons in STEM disciplines, developed and implemented with our teacher(s). We will support at least one after-school robotics team by recruiting students, providing appropriate space for the activity and celebrating their work and achievements.

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Principal's Signature

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Teacher's Signature(s)