

## Mu Alpha Theta Mathematics National Honor Society Application

September 2017

Dear prospective applicant,

The following application form is designed to be filled out electronically as a “fillable PDF.” Download the form to your computer and type your responses to the application questions in the text boxes provided. Once you are satisfied with your application, print it out and collect the required signatures from your school counselor as well as extracurricular advisors. **For legibility reasons, handwritten applications will NOT be accepted.** All application material (these two cover pages may be omitted) should be submitted to Mr. Buchta in the Math office. Additional pages indicating completion certificates of summer programs, letters of reference, petitions for membership, or any other relevant documentation should be attached to your application. All signatures *must* be in *pen*.

The deadline for applications will be October 13th, 2017 and is open to both associate members as well as students who are not currently members of Mu Alpha Theta. In order to be considered for full membership of Mu Alpha Theta, associate members **MUST** apply again this year to be considered for full membership (associate members are *not* considered full members and do not receive cords at graduation).

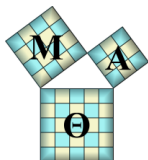
Those who may not meet some of the eligibility criteria for full membership outlined on the next page should feel welcome to apply to be an associate member. A year of *active* participation as an associate member of Mu Alpha Theta would count as an extracurricular math activity when applying for full membership the following year.

Applications for both full and associate membership are open to students of all grades (including Freshmen and Sophomores).

A notable application change from last year include that committing to taking the AMC (American Mathematics Competition) will not count as a math extracurricular for membership eligibility purposes. Having taken the AMC in a year prior to the one in which you apply will, however, count as an extracurricular. All members of Mu Alpha Theta including those to be accepted this year are required to take the AMC regardless. Tutoring will not be considered a math extracurricular. Any significant extracurricular activity involving math (summer classes, independent studies, related summer internships, etc.) that demonstrates interest in math can be noted in the activities section.

Best of luck,

Darien High School Chapter  
Mu Alpha Theta Mathematics National Honor Society  
[mualphatheta@darienps.org](mailto:mualphatheta@darienps.org)



## Mu Alpha Theta Mathematics National Honor Society Application

Questions? Contact Mu Alpha Theta at [mualphatheta@darienps.org](mailto:mualphatheta@darienps.org)

### **Mission:**

The mission of Mu Alpha Theta (MAT) is to “engender keener interest in mathematics, and to develop sound scholarship in the subject and promote enjoyment of mathematics among high school students.” The DHS Chapter of Mu Alpha Theta will do so by offering tutoring in math, having weekly math challenge problems, and organizing Pi Day Festivities.

### **Eligibility Requirements:**

#### **Full Members**

Full members are those who have been inducted into the Darien High School chapter of Mu Alpha Theta. In order to be inducted you must meet the following criteria and fill out the application.

- Have at least a 3.7 weighted Mathematics GPA
- Completed the equivalent of two years of college preparatory math in residence, and be enrolled in a third course
- Have completed or are enrolled in a 400 level mathematics course
- Participate in at least one math-related activity outside of standard math courses. Extracurricular activities include, but are not limited to:
  - Additional coursework (outside of Darien High School) in mathematics,
  - Giving a seminar or presentation in a regular Mu Alpha Theta meeting,
  - Participate in the AMC in a year prior to which you apply
  - Active participant in Math Team, Mathematical Modeling Club, or associate member of MAT

#### **Alternative Pathway to Full Membership**

Desiring to recognize all students with a consistent demonstrated interest in mathematics that may not fulfill one of the requirements above, the student may submit a petition in writing describing their interest in mathematics, participation in math related activities, and contributions to fostering and promoting mathematics at Darien High School as well a written teacher recommendation. Students seeking the alternative pathway are strongly encouraged to participate at least one year as an associate member of MAT.

Dues: Full membership will require a \$10.00 remittance for National MAT dues upon acceptance.

#### **Associate Members**

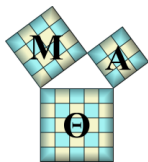
Students interested in Mu Alpha Theta who have not yet fulfilled the requirements above will be able to participate in the organization as associate members. This means that they will not be inducted to the honor society, but will still be able to participate in the organization's activities. It is strongly encouraged that you become an associate member and demonstrate your interest in the year or two proceeding your induction eligibility.

- Have at least a 3.0 unweighted Mathematics GPA
- Completed the equivalent of one year of college preparatory mathematics in residence and enrolled in a second course
- Have interest in participating in math related activities and fostering and promoting the enjoyment of mathematics to all at Darien High School

### **Induction:**

Induction into Mu Alpha Theta will be held in the spring of the school year in which you apply. Induction is additionally contingent on missing no more than three MAT meetings, participation in Pi Day, AMC, and other MAT activities, as well as continued participation in extracurricular mathematics.

Please complete and return this part of the form to Mr. Buchta by October 13, 2017



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Name: \_\_\_\_\_

DHS Email Address: \_\_\_\_\_

Grade: \_\_\_\_\_

Mathematics classes taken in residence at DHS:

Mathematics Course	Level	Year Taken	Teacher	Grade (each semester)	

School Counselor Signature

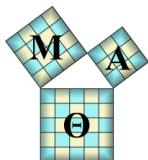
Verifying Accuracy of Grades:

Mathematics GPA (on a 4.0 scale): \_\_\_\_\_

\_\_\_\_\_

Weighted Mathematics GPA: \_\_\_\_\_

Mu Alpha Theta’s mission is to promote interest in mathematics within the school community. In the space provided describe how as a member of Mu Alpha Theta you have and will contribute to this goal?



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List any additional math related activities in which you have actively participated during high school.

Activity 1: \_\_\_\_\_

Describe your role and involvement in this activity:

Advisor Signature: \_\_\_\_\_

Activity 2: \_\_\_\_\_

Describe your role and involvement in this activity:

Advisor Signature: \_\_\_\_\_

You may use this space to provide any additional information that you believe will support your application.

Please check the box indicating your intent of membership for this application:

Associate Member

Full Member

By signing below you are affirming all information presented in your application to be correct.

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_