



## Pre-Engineering Academy Additional Application Information

**Student Name:** \_\_\_\_\_ **School:** \_\_\_\_\_

**Please select your preferred attendance time.**

A.M. (7:50 – 10:40)       P.M. (12:45 – 3:35)

If your preferred time is not available, are you able/willing to attend the other?    Yes    No

*Please note: Note that, due to the nature of the courses, some assessments prohibit the use of any calculator in Pre-Calculus and AP Calculus. If you require other types of accommodations, please reach out to the program coordinator for support.*

**Please list the highest level of math to be completed by the end of this school year.**

\_\_\_\_\_

**Name of math or science teacher completing Teacher Recommendation Form:**

\_\_\_\_\_

Note: Students may be interviewed and/or given a mathematics assessment prior to admission in the Pre-Engineering Academy.

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### School Counselor Recommendation

Please make comments that may assist in our evaluation of this student.

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**Student** – Please complete the top of this form and give it to your school counselor.

**School Counselor** – Please attach this form to the student’s completed application. Your evaluation will only be viewed by school staff. Your honest assessment of this student weighs heavily on their potential for success at the MTC STEM Academy.

## Pre-Engineering Interview Questions

1. Please describe what an engineer does.
2. At this point, is there any particular field of engineering that is of most interest to you?
3. What are your plans for education after high school?
4. What are your expectations for the Pre-Engineering program?
5. List as many different ways to use a pencil as you can think of. Feel free to draw explanatory diagrams if you think that might be helpful.



## Pre-Engineering Academy Teacher Recommendation Form

Recommendation for: \_\_\_\_\_ School: \_\_\_\_\_  
Name of Student

Recommender: \_\_\_\_\_  
Name & Subject/Title of Teacher

### Work Habits:

- indifferent, careless, needs frequent prodding
- completes work but not organized
- well organized; self-starter

### Level of Achievement:

- actual achievement below observed ability
- actual achievement in line with observed ability
- actual achievement exceeds observed ability
- student has not been challenged

### Level of Class Participation:

- too easily distracted; non-contributor
- inconsistent participation
- usually attentive and involved in discussions
- constructively involved; looks to help others

### Maturity Level:

- immature; unreliable
- cooperates when serves personal interest; makes excuses
- appropriate for age; well-mannered; generally cooperative
- exceptional behavior; relates to people with genuineness

**Please comment below on your experience working with this student, including the student's strengths and weaknesses.**

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**Student** – Please ask a math or science teacher to complete & send this form (*not* a family member).

**Recommender** – Please return this form directly to the student's high school counseling office or to Kristi Akehurst at MTC (kristia@meridiantech.edu). *Please do not give the completed recommendation form to the student.* Your evaluation will only be viewed by school staff. Your honest assessment of this student weighs heavily on their potential for success at the MTC STEM Academy.