Multiethnic Introduction to Engineering (MITE) program 2016 On-line Application  MITE (rising seniors) July 5-August 6, 2015 (Administrative Fee: $3700.00) Application Deadline: March 31, 2016  Minority Engineering Programs (MEP) of Purdue University is excited about your interest in attending one of our Summer Engineering Workshops! Many successful engineers, entrepreneurs, and executives’ trace their beginnings back to Summer Engineering Workshops at Purdue University and we are proud of the work that we do! We have programs for students who are/will attend the 11th grades in the spring of 2016.  The Multiethnic Introduction to Engineering (MITE) program was initiated at Purdue University in the summer of 1975. Originally a two-week program, MITE is now a five-week college simulation program modeled after the Freshman Engineering Academic Boot Camp. MITE attendees are immersed in first year engineering projects. The agenda includes SAT review, engineering design, time management, and social acclimatization to college life. Student participants build a strong sense of community and are able to return to their high schools with a better evaluation of their potential. We have seen an average improvement in SAT math scores of 90 points. The highest increase was 240 points as measured through pre- and post-testing. All participants apply to Purdue at the close of the program. Administration fee ($3700.00) covers: lodging, meals, and all events of the program. It does not cover travel to and from the university.  --READ BEFORE YOU CONTINUE-- A pdf of the application is available here, but the only way to apply is through this on-line application. This application requires you fill out an essay portion as well as listing contact information for a principal, counselor, or science, technology, or math teacher to use as a recommendation. Your parent will need to contact this teacher by email and instructions on that are at the end of the application. This year’s essay questions are-

What are your career goals and aspirations? What are the majors that you are interested in learning more about engineering? Why are you interested in Purdue Engineering?  The essay should be around 300-500 words. You can write the essay in a word processing program or notepad and copy and paste it into this application. Please make sure complete the application in one sitting, as you won't able to return to your incomplete application, you will need to start a new one. Your teacher will not be contacted for his/her recommendation until you have completed your application (including the essay).  For more information regarding the MITE program, please visit our website at http://www.purdue.edu/mep where you can find a sample agenda, frequently asked questions and a promotional video

Applicant's Information
Personal (Please do NOT use all capital letters)
   First Name
   Last Name
   Address
   City
   State
   Zip Code
   Birthday (mm/dd/yyyy)

Student Phone Number - Cell Phone (with area code, no dashes or spaces)

Student Phone Number - Home Phone (with area code, no dashes or spaces)

Student Email Address

Gender
   ☐ Male
   ☐ Female

Are you a United States Citizen or legal resident? (The answer will not effect your acceptance.)
   ☐ Yes
   ☐ No

Parent/Guardian Address Information
   Parent 1 - First Name
   Parent 1 - Last Name
   Address
   City
   State
   Zip Code

Parent/Guardian 1 Cell Phone (with area code, no dashes or spaces)

Parent/Guardian 1 Home Phone (with area code, no dashes or spaces)

Parent/Guardian 1 Work Phone (with area code, no dashes or spaces)

Best Contact Number
   ☐ Cell
   ☐ Home
   ☐ Work
Parent/Guardian 1 Email Address

Parent/Guardian 2 Address Information (if desired) - If there is not a second address line, place a space in that field.
- Parent 2 - First Name
- Parent 2 - Last Name
- Address
- Address 2
- City
- State
- Zip Code

Parent/Guardian 2 Cell Phone (with area code, no dashes or spaces)

Parent/Guardian 2 Home Phone (with area code, no dashes or spaces)

Parent/Guardian 2 Work Phone (with area code, no dashes or spaces)

Best Contact Number
- Cell
- Home
- Work

Parent/Guardian 2 Email Address

With whom do you live?
- Mother
- Father
- Both
- Other ____________________

What is the highest level of education completed by your mother?
- Did not completed high school
- High School/ GED
- Some college
- Bachelor's Degree
- Master's Degree
- Doctorate Degree
- Not sure
- 
What is the highest level of education completed by your father?
○ Did not completed high school
○ High School/ GED
○ Some college
○ Bachelor's Degree
○ Master's Degree
○ Doctorate Degree
○ Not sure
○

Which of the following ethnic group do you identify with? (Select all that apply)
○ American Indian or Alaska Native
○ Asian
○ Native Hawaiian or Other Pacific Islander
○ Black or African American
○ Hispanic or Latino
○ Caucasian
○ Other ____________________

STEM/ROTC Information

Please tell us which, if any, science, technology, engineering or math (STEM) Summer Programs you have attended in the past or will attend this year?

How did you hear about the MEP Summer Workshops?
○ MEP Website
○ MEP Email
○ Teacher
○ Counselor
○ Parent
○ Friend
○ NSBE Conference
○ SHPE Conference
○ AISES Conference
○ MEP social media (twitter and/or Facebook)
○ Other ____________________

Are you a member of Junior ROTC at your school?
○ Army
○ Navy
○ Air Force
○ No, it is not available at my school
○ No, I am not a member, but it IS available at my school
Would you be interested in learning more about the Navy Officer Training program?

- Yes
- No, not at this time.
- No, I don't think I would ever be interested.
- No, I have learned a lot about it in my JROTC program.
Academic Records

Grade level you will COMPLETE in Spring 2016.
☑ 11th grade

Essay  Please write an essay (about 300-500 words) on: 1-What characteristics make a good engineer? 2-What type of jobs do you think of when you hear engineering? 3-What makes you interested in learning more about engineering? 4-Why are you interested in Purdue Engineering?

What is your overall high school grade average on a 4 point scale?

Please submit high school grades for the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Check what level of course</th>
<th>List your grade or N/A if you haven't taken.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra</td>
<td>AP</td>
<td>A, B, C, D, F, N/A</td>
</tr>
<tr>
<td>Geometry</td>
<td>Honor</td>
<td>A, B, C, D, F, N/A</td>
</tr>
<tr>
<td>Advanced Algebra</td>
<td>Regular</td>
<td>A, B, C, D, F, N/A</td>
</tr>
<tr>
<td>Trig/Analytical Geometry</td>
<td></td>
<td>A, B, C, D, F, N/A</td>
</tr>
<tr>
<td>Pre-Calculus</td>
<td></td>
<td>A, B, C, D, F, N/A</td>
</tr>
<tr>
<td>Calculus</td>
<td></td>
<td>A, B, C, D, F, N/A</td>
</tr>
<tr>
<td>Biology</td>
<td></td>
<td>A, B, C, D, F, N/A</td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
<td>A, B, C, D, F, N/A</td>
</tr>
<tr>
<td>Advanced/AP Chemistry</td>
<td></td>
<td>A, B, C, D, F, N/A</td>
</tr>
<tr>
<td>Advanced/AP Biology</td>
<td></td>
<td>A, B, C, D, F, N/A</td>
</tr>
<tr>
<td>Physics</td>
<td></td>
<td>A, B, C, D, F, N/A</td>
</tr>
<tr>
<td>English</td>
<td></td>
<td>A, B, C, D, F, N/A</td>
</tr>
<tr>
<td>Speech</td>
<td></td>
<td>A, B, C, D, F, N/A</td>
</tr>
</tbody>
</table>
Please list courses you plan to take in Fall 2016

1)
2)
3)
4)
5)
6)
7)
Standardized Test Scores
Please provide us with a standardized exam test score, please give the best score you have earned in each test, if you have taken them multiple times.

PSAT Score
Math  
Critical Reading  
Writing  
Date Taken  
Comment  

SAT Score
Math  
Critical Reading  
Writing  
Date Taken  
Comment  

ACT Score
Math  
English  
Science  
Writing  
Combined Score  
Date Taken  
Comment  

What extracurricular activities do you participate in (e.g., sports, clubs, programs, etc.)?

List any awards and/or honors you have received.

What other activities or hobbies do you engage in during your spare time?
School Contact Information

The MEP Summer Workshops requires a principal, counselor, or math/science/technology teacher recommendation to attend. Please provide recommender contact information below. Minority Engineering Programs will contact the recommender listed to acquire recommendation after receiving a completed application and a confirmation of the email address by a parental email to that person and cc'ed to mep@ecn.purdue.edu.

Recommender Prefix (Mr., Ms., etc.): 
Recommender First Name: 
Recommender Last Name: 
Recommender Job Title: 
School Name: 
School Address: 
School City: 
School State: 
School Phone Number: 

Recommender Email Address

The MEP Summer Workshops requires a principal, counselor, or math/science/technology teacher recommendation to attend. Please provide contact information below for a alternate recommender below. Minority Engineering Programs will contact the recommender listed to acquire recommendation after receiving a completed application and a confirmation of the email address by a parental email to that person and cc'ed to mep@ecn.purdue.edu.

Recommender Prefix (Mr., Ms., etc.): 
Recommender First Name: 
Recommender Last Name: 
Recommender Job Title: 
School Name: 
School Address: 
School City: 
School State: 
School Phone Number: 

Alternate Recommender Email Address

FOR THE APPLICANT's PARENT OR GUARDIAN: This text needs to be copied into an email to the reference teacher listed above and also cc'ed to mep@ecn.purdue.edu to confirm that the listed email address is deliverable. COPY AND PASTE: My child, FILL IN YOUR CHILD's NAME, is applying to the Purdue University Minority Engineering Program Summer Engineering Workshops. To be considered, they need a recommendation letter from their principal, counselor, or science/math/technology
teacher and a school transcript. Please use the following link to send a recommendation (https://purdue.qualtrics.com/SE/?SID=SV_2I8ZBWOUxKObVpb). The form will ask for a PDF upload on school letterhead with your signature certifying your recommendation. If you can upload an electronic transcript, there is a space in the form to do so. If you cannot, please forward my request to the appropriate person at FILL IN YOUR CHILD’s SCHOOL NAME. The transcript will need to be sent directly to: Purdue Minority Engineering Program 701 W Stadium Avenue West Lafayette, IN 47907-2045 (765) 494-3974The forms are due by March 31 to Purdue. However, admission to the program is on a rolling basis and spaces are limited.

Have you copied the email message above and checked the validity of your child's teacher email address?

- No
- Yes
The Minority Engineering Program has very LIMITED Scholarships available for Administrative Fees only. Will you be requesting Scholarship Funds?

- Yes
- No

Purdue University Minority Engineering Program Summer Engineering Workshop

FINANCIAL HARDSHIP WAIVER Application.**CONFIDENTIAL** THIS SECTION IS TO BE COMPLETED BY YOUR PARENT OR GUARDIAN.

Amount of Registration Reduction Requested:

- 10%
- 20%

What is your total annual household income?

- Less than $10,000
- $10,000 to $19,999
- $20,000 to $29,999
- $30,000 to $39,999
- $40,000 to $49,999
- $50,000 to $59,999
- $60,000 to $69,999
- $70,000 to $79,999
- $80,000 to $89,999
- $90,000 to $99,999
- $100,000 to $149,999
- $150,000 or more

How many people live in your home?

- 2
- 3
- 4
- 5
- 6+

Please explain in detail your reason for applying for this waiver:

Please list ALL children living in your household, their age, and their school

List ALL Household Members and their TOTAL Monthly Income
Do you receive Food Stamps
☑ Yes (provide your Food Stamp Case Number) ____________________
☑ No

Do you receive Aid for Families with Dependent Children (AFDC)?
☑ Yes (provide your AFDC Case Number) ____________________
☑ No

Does your child/children receive Free or Reduced Lunch Benefits?
☑ Free
☑ Reduced
☑ Neither

List any and all other aid you receive from any source

What is your relationship to the applicant?

CERTIFICATION: Your electronic signature certifies that this application for Scholarship Funds is made with full knowledge that the law provides penalties for making false statement of material facts to obtain the benefits of this waiver. Please re-type your Full Legal Name below
I am applying for a Purdue MEP Summer Workshop. I authorize the individual listed as my School Contact to provide the Purdue University Minority Engineering Program with my academic grades and a recommendation to this Program. Please enter your full name as your electronic signature. Please re-type your Full Legal Name below

Date

You will not be able to submit this form if any of the required information is left blank. Forms with all questions answered will allow a faster evaluation and reply. Please contact the Minority Engineering Program (mep@ecn.purdue.edu) with any questions/concerns.