The Automotive Service Technology program at Western is a comprehensive state of the art training program, which requires 96% attendance of a 660-hour time schedule. The 660 hours of instruction includes extensive theory, computer application instruction and hands-on activities in the four major ASE/NATEF certification areas of brakes, steering, suspension, and engine performance. Students are provided with a textbook, laboratory manual, lectures and an array of learning devices to assist their understanding of increasing complex automotive systems.

**BCPS Magnet Transportation Information:** Western School of Technology & Environmental Science (Southwest Area) Transportation is provided at community pick-up points only for students who are zoned for high schools in the Southwest or Northwest areas.

**Magnet Showcase Event:**  Thursday, October 22, 2015  6-8 p.m.

**2016-2017 Assessment Guidelines**

**Assessment Date:**  Saturday, January 23, 2016  8 a.m. – 2 p.m.  **Assessments by appointment**

Individual assessment appointments must be scheduled no later than 12/11/15. Schedule your appointment online at [https://bcpsonlineapplication.com/apply](https://bcpsonlineapplication.com/apply) or call the Magnet Office at 410-887-4127 (NOT BOTH).

**Unforeseen Illness or Emergency:** Parent(s) must inform both the school and Magnet Office immediately if the applicant cannot attend or complete the scheduled assessment due to an unforeseen illness or emergency. Please be aware that assessments will not be rescheduled without documentation verifying the illness or emergency.

**Inclement Weather Date:**  Saturday, January 30, 2016 at the previously scheduled appointment time

**Inclement Weather:** In the event that school activities are cancelled due to inclement weather, magnet assessments will be postponed. Postponed assessments will occur on the designated inclement weather date. All emergency closing and cancellation information will be posted on the BCPS automated information line, 410-887-5555. Closing and cancellation announcements will also be made through local media.

**Western School of Technology & Environmental Science**

100 Kenwood Avenue
Catonsville, MD 21228

**Magnet Coordinator**

Jennifer Martinez
410-887-0849
jallen3@bcps.org

**Directions to Western:**

**From the north:**
- Take 695 West towards Glen Burnie to the Wilkens Avenue East Exit 12B.
- Turn right on Wilkens Avenue, go under the beltway and turn left on Kenwood Avenue (there will be a sign to the Beltway Towson on Kenwood Avenue).
- Stay on Kenwood Avenue past the entrance to the beltway.
- Western will be at the top of the hill on your left.

**From the south:**
- Take 695 North towards Towson to the Exit 12C Wilkens Avenue Exit.
- As you come off the exit, stay straight to the stop sign.
- Turn left at stop sign on Kenwood Avenue.
- Western will be at the top of the hill on your left.
Prior to the Assessment
This MUST be completed prior to coming to the audition.

Complete the 2016-2017 Applicant Self-Evaluation included with these guidelines. (pp. 8-10)

Prior to attending the assessment, student applicants may want to review:

**Math Concepts**: basic operations with fractions, solving equations, and writing equations of lines.

**Automotive Skills**: basic industry measurements and calculations, basic tool usage, and basic safety.

A sample practice test has been included with these guidelines.

All Individuals interested in entering the Automotive Service Technology Program at Western should consider the following:

- You are required to wear a uniform.
- You are required to take the NATEF end of program tests at the end of each course in the 10th and 11th grades.
- You are required to follow all safety standards, as they would apply to an actual automotive repair facility.

On the Day of the Assessment
The assessment takes approximately 2 hours.

It is the responsibility of the parent(s) to:
- ensure that the applicant attends the assessment on the scheduled date and time.
- contact the schools if scheduled magnet assessment appointments conflict.

*Failure to attend an assessment WILL result in disqualification.*

Registration Information

Applicants must attend the school-based assessment for the program to which they applied. *Individual assessment appointments must be scheduled no later than 12/1/15. Schedule your appointment online at https://bcpsonlineapplication.com/apply or call the Magnet Office at 410-887-4127 (NOT BOTH).*

Students should plan to arrive at least 15 minutes prior to their assessment time and report to the front lobby of Western. Assessments will start at the designated time. Students should be accompanied by at least one parent/guardian. **There will be no assessment provided for applicants arriving after the assigned assessment time.** There will be a designated area in which parents may stay during the assessment.

If the applicant cannot attend or complete the scheduled assessment due to an unforeseen illness or emergency, please contact Western School of Technology and Environmental Science at (410) 887-0840 and contact the Office of Magnet Programs at (410) 887 - 4127. Please be aware that assessments will not be rescheduled without documentation verifying the illness or emergency.
Applicants will need to bring two #2 pencils to take the assessment. Applicants will complete a personal interview, math assessment and a practical assessment.

Math Test (20 points): Automotive student applicants will complete a math skills inventory consisting of 10 selected response questions to demonstrate proficiency in multiplication, division, percentages, fractions and graphs.

Interview (20 points): Students will participate in an interview to demonstrate their interest in the automotive service technology program and their maturity to participate in a “Work Safe” environment.

Practical Assessment (20 points): Students will be asked to complete a 10 question mechanical aptitude test to demonstrate a working knowledge of mechanical functions.

Documented testing accommodations, as appropriate to the assessment, will be provided.

Magnet Events

Magnet EXPO! Saturday, September 26, 2015 10 a.m. - 2 p.m.
Radisson North Baltimore Hotel

Magnet Application Meetings

Tuesday, September 15, 2015 6:30 p.m. in Auditorium
Milford Mill Academy
3800 Washington Avenue, Baltimore, Maryland 21244

Thursday, September 17, 2015 6:30 p.m. in Auditorium
Kenwood High School
501 Stemmers Run Road, Baltimore, Maryland 21221

Application Deadline Monday, November 30, 2015

Application packets are available at www.bcps.org/offices/omp. Applications must be submitted on or before Monday, November 30, 2015. Late applications are not processed.

You may apply online (at www.bcps.org/offices/omp) or submit a paper application.

- Online applications may be submitted until 1:00 p.m. on Monday, November 30, 2015. To apply online, you will need an active email account.
- Paper applications must be postmarked on or before Monday, November 30, 2015. Hand-delivered applications must be received in the Office of Magnet Programs by 3:30 p.m. on Monday, November 30, 2015.
1. These children weigh the same. Will this seesaw balance?
   (A) Yes
   (B) No
   (C) Can't tell

2. Which of these pairs of magnets will stick together in the positions they are in?
   (A) magnets A
   (B) magnets B
   (C) Both A and B
3. If the shopping cart was moving in the direction of the big arrow and then you stopped it suddenly, which way would the milk carton fall?

(A) A
(B) B
(C) Can't tell

4. These stools are the same height. Which is more likely to tip over when an active child sits on it?

(A) Stool A
(B) Stool B
(C) No difference
5. How many 1/8ths are there in an inch?
   (A) 4
   (B) 10
   (C) 6
   (D) 8

6. How many inches are in a yard?
   (A) 24
   (B) 18
   (C) 48
   (D) 36

7. Which is the smallest fraction?
   (A) 1/3
   (B) 5/16
   (C) 9/32
   (D) 8/64

8. Subtract the following two numbers: +6 minus -3
   (A) -3
   (B) +3
   (C) -9
   (D) +9

9. What number is in the tenths place in the following: 7.2431
   (A) 7
   (B) 3
   (C) 1
   (D) 2
   (E) 4

10. What is 25% of 60
    (A) 45
    (B) 12
    (C) 15
    (D) 30
Sample Questions Answer Key

1. A
2. A
3. A
4. A
5. D
6. D
7. D
8. D
9. D
10. C
Admission Criteria

Magnet Program | Admission Criteria
---|---
Automotive Service Technology | ✓ Algebra I or higher in grade 8
| ✓ B average (2.5 or better) in English/Language Arts, Mathematics, Social Studies and Science
| ✓ Satisfactory Attendance (94% or higher)
| ✓ Performance on Magnet Assessments (interview, practicum, and math test)

Magnet Assessment Date
On January 23, 2016, (inclement weather date: January 30, 2016), all applicants will be required to attend the assessment held at Western School of Technology and Environmental Science. Applicants should be accompanied by at least one parent.

Placement Prior to the Lottery
According to Superintendent’s Rule 6400, at the high school level where the number of qualified applicants exceeds the number of available seats, up to 20% of the seats may first be filled with candidates who show exceptional commitment and promise in the specialized program as evidenced by their performance on the approved magnet assessment(s). The remaining seats will be filled using the centralized random lottery selection process from the remaining pool of qualified applicants. Specifically, applicants who earn the highest combined scores on the program assessments may fill up to 20% of the seats available in the magnet program.

Qualifying for Admission
The applicant must earn at least 80 points from the stated criteria in order to qualify for admission.

How to Calculate Your Grade Average
Convert your marking period grades to points (A=4, B=3, C=2, D=1, E=0).
Then divide by the number of marking periods.

<table>
<thead>
<tr>
<th>Subject</th>
<th>1st marking pd. grade/points</th>
<th>2nd marking pd. grade/points</th>
<th>3rd marking pd. grade/points</th>
<th>4th marking pd. grade/points (if applicable)</th>
<th>1st marking pd. grade/points</th>
<th>Total Points</th>
<th>Total Marking Periods (4 or 5)</th>
<th>Grade Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>English/Lang Arts</td>
<td></td>
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<td>Math</td>
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<td>Science</td>
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<tr>
<td>Social Studies</td>
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</tr>
</tbody>
</table>

DO NOT include this worksheet with your application.

Important: All applications must be postmarked by the application deadline of Monday, November 30, 2015. Incomplete applications will not be considered for admission.
### Criteria

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Scoring</th>
<th>My information</th>
<th>My Score (CIRCLE POINTS EARNED)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Admission Criterion #1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math Enrollment</td>
<td>Algebra I: 10 points, Grade 8 Math: 5 points, Pre-Algebra or below: 0 points</td>
<td>My current math course is ____________</td>
<td>______ /10 pts</td>
</tr>
<tr>
<td><strong>Admission Criterion #2</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade Average (see &quot;How to Calculate Your Grade Average&quot;)</td>
<td>English/LA, Mathematics, Social Studies and Science:</td>
<td>English/Lang. Arts Average: ______</td>
<td>______ /5 pts</td>
</tr>
<tr>
<td></td>
<td>&quot;B&quot; average or higher (2.5 or higher)</td>
<td>Mathematics Average: ______</td>
<td>______ /5 pts</td>
</tr>
<tr>
<td></td>
<td>Score 5 points each for a grade average equaling &quot;B&quot; or higher (2.5 or higher)</td>
<td>Science Average: __________</td>
<td>______ /5 pts</td>
</tr>
<tr>
<td></td>
<td>Score 0 points for each grade average less than &quot;B&quot; (less than 2.5)</td>
<td>Social Studies Average: __________</td>
<td>______ /5 pts</td>
</tr>
<tr>
<td><strong>Admission Criterion #3</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attendance</td>
<td>94% Attendance; Total unexcused absences in Grade 7 - plus - first quarter/trimester of Grade 8</td>
<td>Total unexcused absences in Grade 7 - plus - first quarter/trimester in Grade 8 = 14 days or less: 10 points</td>
<td>______ /10 pts</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total unexcused absences in Grade 7 - plus - first quarter/trimester in Grade 8 = 15 days or more: 0 points</td>
<td></td>
</tr>
<tr>
<td><strong>Admission Criterion #4</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Personal Interview</td>
<td>Score on interview determines total points earned.</td>
<td>Applicants may earn up to 20 points.</td>
<td>To be determined on January 23, 2016</td>
</tr>
<tr>
<td><strong>Admission Criterion #5</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math Assessment</td>
<td>Score on assessment determines total points earned.</td>
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</tr>
<tr>
<td><strong>Admission Criterion #6</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Practical Assessment</td>
<td>Score on assessment determines total points earned.</td>
<td>Applicants may earn up to 20 points.</td>
<td>To be determined on January 23, 2016</td>
</tr>
</tbody>
</table>

### Points to Qualify

80 points

My Score: ______ /100 pts
WESTERN SCHOOL OF TECHNOLOGY & ENVIRONMENTAL SCIENCE  
Grade 10 APPLICANT SELF-EVALUATION 2016-2017  
Automotive Service Technology  

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<td></td>
</tr>
<tr>
<td>Math Enrollment</td>
<td>Algebra II and higher 10 points</td>
<td>My current math course is</td>
<td>_____ /10 pts</td>
</tr>
<tr>
<td></td>
<td>Algebra I 5 points</td>
<td>(record math course here)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pre-Algebra or below 0 points</td>
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<tr>
<td><strong>Admission Criterion #2</strong></td>
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<td></td>
<td></td>
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<tr>
<td>Grade Average</td>
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<td>English/LA, Mathematics, Social Studies and Science:</td>
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</tr>
<tr>
<td>(see “How to Calculate Your Grade Average”)</td>
<td></td>
<td>Score 5 points each for a grade average equaling “B” or higher (2.5 or higher)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Score 0 points for each grade average less than “B” (less than 2.5)</td>
<td></td>
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<td><strong>Admission Criterion #3</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Attendance</td>
<td>94% Attendance Total unexcused absences in Grade 8-first quarter/trimester in Grade 9 = 14 days or less. 10 points</td>
<td>Total unexcused absences in Grade 8-first quarter/trimester in Grade 9 = 14 days or less.</td>
<td>_____ /10 pts</td>
</tr>
<tr>
<td></td>
<td>Total unexcused absences in Grade 8-first quarter/trimester in Grade 9 = 15 days or more. 0 points</td>
<td>Total unexcused absences in Grade 8-first quarter/trimester in Grade 9 = 15 days or more.</td>
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FOR STUDENT SELF-ASSESSMENT USE ONLY – does not indicate qualification for programs.