January 13, 2020

Dear Parent of a Northern Sophomore:

The staff at Northern High School is preparing for a very important part of the scheduling process for the 2020-21 school year. The timelines, for this process, are as follows: Northern will be hosting its annual Curriculum Fair from 7:15 A.M. until 9:40 A.M. on Monday, January 27, 2020. During the Curriculum Fair, students will have the opportunity to hear information and ask questions about four different classes in which they are interested. The Curriculum Fair is comprised of four, twenty-minute presentations. Students are to attend one presentation in each of the four sessions. Information about the Curriculum Fair will be sent out in an additional e-mail.

Teachers will be answering students’ questions about enrollment possibilities for the upcoming school year from Monday, January 27, 2020, through Wednesday, January 29, 2020. Please encourage your student to ask as many questions as possible. Teachers will also make verbal course recommendations to your student. Some classes will require teacher approval in order to enroll in that particular class and the teacher’s signature on the registration form will indicate to the counselor that the student has been approved to enroll.

The students will register online for their classes using the Family Access computer program. Complete step-by-step instructions for registering for classes will be located on Northern’s homepage starting Monday, January 27, 2020. Northern’s homepage is located at: http://www.wlesd.org/Northern.cfm. Please look on the left side of the web-page for the icon, “Registration Instructions”. Also located on the Northern homepage is the Walled Lake Program of Study book – which is a complete listing and description of the all courses that the three Walled Lake High Schools offer. The window of opportunity to enter the course requests is from Monday, January 27, 2020, until Friday, February 7, 2020. Your student’s counselor will speak individually with your student between Monday, February 24 and Friday, April 3, 2020.

Listed below is a review of the core curriculum for the 11th grade to provide some guidelines in your discussions with your student. If your student is interested in taking advantage of the excellent programs available at the Oakland Technical Center (OTC), now is the time to apply as some programs have limited space available.

All juniors and seniors are eligible to enroll in Advanced Placement (AP) courses. Please see the enclosed Advanced Placement information.

Northern requires that all eleventh grade students enroll in one of the following English classes: AP Seminar, AP English Language and Composition AA/BB, Honors English 11 AA/BB, or English 11 A/B. AP Seminar is the first leg of the prestigious yet rigorous AP Capstone program, and a student should obtain a recommendation from his/her Honors English 10 AA/BB and his/her AP US History teacher before enrolling in AP Seminar. AP English Language and Honors English 11 AA/BB require a teacher recommendation and successful completion of the prerequisites in order to gain admittance. In addition to the full-year courses, a variety of semester courses also are available that would satisfy the Senior English requirement: Communications, Contemporary Novels: Women’s Literature, Creative Writing, Literature on Film, Media Literacy, and Mythology. A student who is enrolled in a full-year English course may take one of the grade appropriate semester courses as an elective.
All eleventh grade students are required to enroll in World History A/B or AP World History (this class requires a teacher recommendation and a “B” or better in Honors English 10AA/BB). The Social Studies department at, Northern offers year - long courses in Advanced Placement Psychology, Advanced Placement Government and Advanced Placement Economics. Northern offers semester courses in Civics, Practical Law, Psychology I/II, Sociology I/II, Economics, America and the Causes of War 1900, The American Civil War, 1820-1876 and Big History.

In Mathematics, juniors will take one of the following courses: Algebra 2 A/B, Algebra 2 Extended A/B, Honors Pre-Calculus AA/BB, Pre-Calculus A/B, AP Statistics, Statistics or Applications of Advanced Mathematics. The following will help you determine which math course will be the correct course for your student:

- If your student is currently enrolled in Algebra 1, your student should take Geometry.
- If your student is currently enrolled in Geometry, your student should take Algebra 2 or Algebra 2 Extended
- If your student is currently enrolled in Algebra 2, your student should take Pre-Calculus or Applications of Advanced Mathematics.
- If your student is currently enrolled in Algebra 2 Calculus Path, your student should take Pre-Calculus, Honors Pre-Calculus, or Applications of Advanced Mathematics.
- If your student is currently enrolled in Pre-Calculus, your student should take AP Calculus AB or Statistics.
- If your student is currently enrolled in Honors Pre-Calculus, your student should take AP Calculus AB/BC or AP Statistics.

Math teachers will be making recommendations and discussing with each student what course should be taken.


Northern also offers a wide range of elective classes in the following areas: language arts, science, math, social studies, visual and performing arts, career/technical education, and health / physical education. Please refer to the registration materials distributed to the students during the Curriculum Fair, or the Program of Studies Book. The Program of Studies Book may be viewed by logging on to the Northern homepage www.wlcsd.org/Northern.

The following are additional scheduling options available to Walled Lake Students

**FLEX SCHEDULES:**

**Students have the option of a flex schedule in which allows them to take two classes on-line using E2020.** Students may select a FLEX AM schedule which is the first two hours of the day or a FLEX PM schedule which is the last two hours of the day. A teacher is available for additional support everyday in a drop in computer lab. For more information about E2020 curriculum visit [http://www.education2020.com/](http://www.education2020.com/)

Online courses are also available as part of students' regular schedule. Students are required to work online in school as well as independently on their own time. Personal computer equipment must meet the needs of the course as specified in the online course description.

Students who wish to take advantage of a flex schedule must submit an application during the registration process. All students must provide their own transportation if they are leaving school for any reason.

**Flex Schedule** allows students to take up to two courses online replacing traditional courses at the high school.

- Course work must be done away from school and students must leave campus during this time.
- Courses must be completed during the regular semester timelines.
- A teacher is available 5 days a week for additional support in a drop in computer lab
- Final exams will be completed at school if applicable.
7th Hour Courses:
Students may take additional classes or classes for credit recovery using E2020 our on-line curriculum. The cost of these additional courses is $100. For more information, please see your counselor. For students taking a 7th hour online course in addition to a full schedule of six classes, students will be required to do most of the online work at home. Students working outside the high school setting must be aware of the need to access equipment that meets the minimum requirements as specified in the online course description.

The guidelines for the 7th class are as follows:
• Student must have internet access at home
• A teacher is available 3 hours per week as a drop in computer lab
• Course work must be done away from school and students must leave campus during this time.
• Courses must be completed during the regular semester timelines.
• Final exams will be completed at school if applicable.

IB Program

The International Baccalaureate® (IB) Diploma Program is designed as an academically challenging and balanced program of education that prepares 11th and 12th grade students for success at university and life beyond. IB Diploma requirements broaden the educational experience and challenge students to apply their knowledge and understanding. The program has gained international recognition and respect from the world’s leading universities. For information about the IB Program please contact the IB staff at Walled Lake Western High school at 248-956-4400.

Sincerely,

Don Learmont
Assistant Principal
# Walled Lake Northern High School

## Graduation Requirements

<table>
<thead>
<tr>
<th>Department</th>
<th>2012</th>
<th>2013</th>
<th>2014 &amp; 2015</th>
<th>2016 and beyond*</th>
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</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
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<tr>
<td><strong>Social Studies</strong></td>
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<td>3.0</td>
<td>3.0</td>
</tr>
<tr>
<td><strong>Math</strong></td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
</tr>
<tr>
<td><strong>Science</strong></td>
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<td>3.0</td>
<td>3.0</td>
</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td>.5</td>
<td>.5</td>
<td>.5</td>
<td>.5</td>
</tr>
<tr>
<td><strong>Health</strong></td>
<td>.5</td>
<td>.5</td>
<td>.5</td>
<td>.5</td>
</tr>
<tr>
<td><strong>Required Electives</strong></td>
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<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td><strong>World Language</strong></td>
<td></td>
<td></td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td><strong>Total Required Credits</strong></td>
<td>16</td>
<td>16</td>
<td>16</td>
<td>18</td>
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<tr>
<td><strong>Electives</strong></td>
<td>7.0</td>
<td>6.0</td>
<td>6.0</td>
<td>4.0</td>
</tr>
<tr>
<td><strong>MME Test</strong></td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td><strong>On-Line Learning Experience</strong></td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>23</td>
<td>22</td>
<td>22</td>
<td>22</td>
</tr>
</tbody>
</table>

### Explanation of Credits

- **English**: Students are required to select core English courses in 9th, 10th, 11th and 12th grade.
- **Social Studies**: 1.0 credit of American History and Geography, 1.0 credit of World History and Geography, .5 credit of Civics/.5 credit of Economics. No modifications for civics.
- **Math**: 1.0 credit of Algebra, 1.0 credit of Geometry, 1.0 credit of Algebra 2, 1.0 additional math credit taken in the senior year.
- **Science**: 1.0 credit of Biology, 1.0 credit of Chemistry or Physics, 1.0 credit of an additional science.
- **Physical Education**: .5 credit of Personal Fitness 1.
- **Health**: .5 credit of health.
- **Required Electives**: Students must earn 1 credit from the following areas: fine arts, performing arts, vocational education.
- **World Language**: 2.0 credits in grades 9-12 or an equivalent learning experience in grades K – 12.
- **Total Required Credits**: Reflects the Michigan Merit Curriculum.
- **Electives**: Can be taken in any department.
- **MME Test**: All students graduating from the Walled Lake Consolidated School District must take the Michigan Merit Exam unless waived by the building principal.
- **On-Line Learning Experience**: All students will complete a year 1.0 on-line credit course or an on-line learning experience incorporated into the required credits.

Minimum credits required for graduation.
ADVANCED PLACEMENT PROGRAMS (AP)

The Walled Lake High Schools offer a number of advanced academic programs. The purpose of these course offerings is to provide challenging, thought-provoking, college level programs for students who are capable and desirous of exploring a subject area in greater depth and at an accelerated pace.

Students enrolled in these advanced academic programs also have the opportunity to prepare themselves to participate in the “Advanced Placement” (AP) program of the College Board. The AP program enables capable students to take an AP examination in May each year that may grant them “advanced placement” college credit. These exams are administered at the local high school, and the student pays the exam fee. This investment may yield college credit.

Descriptions of these advanced academic courses are included in this Program of Studies booklet under each department heading. Walled Lake offers AP courses in the following departments.

**Art:**
- Studio Art (AP)

**English:**
- English Language & Composition (AP)
- English Literature & Composition (AP)

**Science:**
- Biology (AP)
- Chemistry (AP)
- Environmental Science (AP)
- Physics I & II (AP)

**Mathematics:**
- Calculus (AP) (Calculus AB or Calculus BC)
- Statistics (AP)

**World Language:**
- Spanish (AP)
- French (AP)
- German (AP)

**Social Studies:**
- United States History (AP)
- Government (AP)
- Psychology (AP)
- World History (AP)
- Micro Economics (AP)

**Career Technology:**
- Computer Science Principals (AP)

Students planning to enroll in these advanced academic courses in the future should follow the recommended sequences of courses listed in the appropriate departmental course listings. Questions regarding the advanced academic program should be directed to the Counseling Department.

Grades for the above listed Advanced Placement courses are weighted as follows:

\[
\begin{align*}
A &= 5.00 \\
B &= 3.75 \\
C &= 2.50 \\
D &= 1.25 \\
E &= 0.00
\end{align*}
\]

Therefore, a student’s grade point average and rank in class will be affected by taking Advanced Placement course.
### Sample Four-Year Plan

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 9 or Honors English 9</td>
<td>English 10 or Honors English 10</td>
<td>English 11, Honors English 11 or AP English Lang/Comp</td>
<td>English 12 or AP English Lang/Comp or AP English Lit.</td>
</tr>
<tr>
<td>Civics/Economics</td>
<td>US History-20th or AP US History</td>
<td>World History or AP World History</td>
<td>Social Studies Elective or AP Social Studies Elective</td>
</tr>
<tr>
<td>Biology or Honors Biology</td>
<td>Chemistry, Honors Chemistry or Physics, or AP Physics</td>
<td>Chemistry, Honors Chemistry or Physics, or AP Science Elective</td>
<td>Science Elective or AP Science Elective</td>
</tr>
<tr>
<td>Math *</td>
<td>Math *</td>
<td>Math *</td>
<td>4th year Math or Math Related Course</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

2.0 World Language (Class of 2016 and Beyond), Teen Health, Personal Fitness and 1.0 Fine Arts, Performing Arts or Vocational Education can be taken any time during the four years of High School in the Elective Category

*Algebra 1, Geometry, and Algebra 2 must be completed
Dear Student:

Historically, school districts, in an effort to offer a broader, challenging, rigorous curriculum to meet students’ needs and interests, have allowed their students to attend courses at local colleges or universities, in addition to their regular high school curriculum. This is called “dual enrollment” or postsecondary enrollment.

Effective April 1, 1996, Public Act 160 created the Postsecondary Enrollment Options Act which directs school districts to assist students in paying tuition and fees for courses at Michigan public or private colleges or universities, a student is eligible if all of the following conditions are met:

1. Student is in grade 9, 10, 11 or 12.
2. Student has taken the Michigan Merit Exam (MME) and has achieved a qualifying score in all subject areas on the MME. The student who has NOT taken the MME must have achieved a qualifying score in all subject areas on the EXPLORE, PLAN, ACT or the College Board PSAT readiness assessment. If the student has not achieved a qualifying score in all subject areas on the MME, the ACT, EXPLORE, PLAN, the College Board PSAT readiness assessment, or the SAT test, the pupil is eligible only for the limited purpose of enrolling in one (1) or more eligible courses in a subject area for which he or she has achieved a qualifying score, or in computer science or foreign language not offered by the school districts, or in fine arts as permitted by the district at a postsecondary institution.
3. Students must be enrolled in both the school district and postsecondary institution during the local school district’s regular academic year and must be enrolled in at least one high school class.
4. The district is not obligated to offer dual enrollment opportunities for courses that are currently part of their high school curriculum. An exception to this could occur if the Board of Education determines that a scheduling conflict exists, which is beyond the student’s control.
5. The college courses cannot be a hobby, craft, or recreational course, or in the subject areas of physical education, theology, divinity, or religious education.
6. School districts are required to pay the lesser of:
   a. the actual charge for tuition, mandatory course fees, materials fees and registration fees; or
   b. the statewide pupil-weighted average foundation allowance, adjusted to the proportion of the school year they attend the postsecondary institution.
7. School districts are not required to provide financial support for transportation or parking costs necessary for an eligible student to participate in postsecondary enrollment.
8. The postsecondary institution is only to enroll students with a letter from the district recognizing them as eligible for tuition payment by the district.
9. The students may not drop any course without the express written permission from the school district responsible for the payment of the tuition. The eligible student shall repay to the school district any funds that were expended by school district for the course that are not refunded to the school district by the eligible postsecondary institution. This does not apply to an eligible student who does not complete the course due to a family or medical emergency.

Please review the contents of this letter with your parent(s)/guardian(s). If you believe you are eligible for dual enrollment that you qualify for tuition and fee support, and you wish to participate, please contact your counselor.

Sincerely,

Don Learmont
Assistant Principal