Overview of Course Selection Process

Oakmont Regional High School
February, 2020
I. Overview of Course Selection
II. Rising Sophomore Course Selection (slide 11)
III. Rising Juniors Course Selection (slide 14)
IV. Rising Seniors Course Selection (slide 15)
V. Elective options by grade level (slide 17-31)
General Course Selection Process

- In class meetings, students are instructed by Guidance counselors on how to complete the online course selection form.
- In consultation with parents/guardians, students complete a *rough* draft of the online course selection sheet, and submit it electronically through the student portal.
- Guidance counselors meet with each student individually to review coursework, graduation requirements, IEP and 504 recommendations (if applicable), and post-secondary plans to finalize course selection.
Course Selection Form

- **Required Courses**

- **Elective Courses**

- **Alternative Courses**

- **Online Form must be submitted by parent (through parent portal) and student (student portal)**

- **Online Course Selection Form is located in the portal**
Graduation Requirements*

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4.0</td>
</tr>
<tr>
<td>Science</td>
<td>3.0</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3.0</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3.0</td>
</tr>
<tr>
<td>Fitness</td>
<td>1.5</td>
</tr>
<tr>
<td>Health 9</td>
<td>0.5</td>
</tr>
<tr>
<td>Business Applications</td>
<td>0.5</td>
</tr>
<tr>
<td>Elective Courses</td>
<td>10.5</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td><strong>26.0</strong></td>
</tr>
</tbody>
</table>

*Students must pass the MCAS English, Math, and Science &Technology tests to receive a high school diploma.
College Entrance Information

Students and parents/guardians should carefully consider the following two slides regarding coursework and GPA requirements for Massachusetts Public Universities.
Massachusetts Department of Higher Education requirements for admission to state universities and UMass campuses
(Effective 2019)

English: 4 Units
Mathematics: 4 Units (Algebra I&II and Geometry)*
Natural and Physical Sciences: 3 Units (All Science courses include Labs)
Social Studies: 2 Units
Foreign Language: 2 Units (same language)
Electives: 2 Units

*Massachusetts Public Universities require that students take a math course in the senior year in order to be eligible for admission.
Massachusetts Department of Higher Education
GPA sliding scale for freshmen applicants
to four year public universities

### SAT Score Sliding Scale Tables for University of Massachusetts

**Table 2: SAT Test Administration After March 2016**
Required SAT or ACT scores for first-year applicants to UMass

<table>
<thead>
<tr>
<th>Campuses Weighted Average GPA</th>
<th>Combined SAT Score (Evidenced Based Reading &amp; Writing and Mathematics)</th>
<th>ACT Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.51 - 2.99</td>
<td>1030</td>
<td>20</td>
</tr>
<tr>
<td>2.41 - 2.50</td>
<td>1070</td>
<td>21</td>
</tr>
<tr>
<td>2.31 - 2.40</td>
<td>1110</td>
<td>22</td>
</tr>
<tr>
<td>2.21 - 2.30</td>
<td>1140</td>
<td>23</td>
</tr>
<tr>
<td>2.11 - 2.20</td>
<td>1180</td>
<td>24</td>
</tr>
<tr>
<td>2.00 - 2.10</td>
<td>1220</td>
<td>25</td>
</tr>
</tbody>
</table>

### SAT Total Score Sliding Scale Table for State Universities

**Table 3: SAT Administration After March 2016**
Required SAT or ACT Scores for first-year applicants to State Universities

<table>
<thead>
<tr>
<th>Campuses Weighted Average GPA</th>
<th>Combined SAT Score (Evidenced Based Reading &amp; Writing and Mathematics)</th>
<th>ACT Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.51 - 2.99</td>
<td>990</td>
<td>19</td>
</tr>
<tr>
<td>2.41 - 2.50</td>
<td>1030</td>
<td>20</td>
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<tr>
<td>2.31 - 2.40</td>
<td>1070</td>
<td>21</td>
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</tr>
<tr>
<td>2.00 - 2.10</td>
<td>1180</td>
<td>24</td>
</tr>
</tbody>
</table>
Calendar of Activities

- Grade 10 Course Selection: February, 2020
- Grade 11 Course Selection: March, 2020
- Grade 9 Course Selection: April, 2020
Course levels/recommendations

- Teachers make recommendations to Guidance Dept. regarding course levels
- Recommendations appear in the online course selection form
- Students and Parents provide feedback to Guidance Dept. through online form
- Parents approval is requested on the online course selection form.
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Recommendations appear in the online course selection form.

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Class of 2023
Importance of Sophomore Year

- **Required courses:** English, Science, Math, Social Studies elective, Business Applications/Career Exploration and Fitness

- **Naviance:** Guidance Information System introduced in Business Applications/Career Exploration Course

- **PSAT:** October 17, 2020

- **MCAS:** March (ELA) and May (Math)
Business Applications and Career Exploration CLEP

- Students may be able to test out of Business Applications
- PowerPoint
- Word
- EXCEL
CLEP Continued…

- Sign up with Ms. Dubovick
- CLEP test will begin in May
- If a student scores 80% or better on the CLEP test, then the student will not have to take the Business Applications and Career Exploration class
Class of 2022
Importance of Junior Year

- **Required Courses**: English 11; US History and the World, 20\textsuperscript{th} Century; Math; Science; Fitness
- **History options**: AP US History; US and the World, 20\textsuperscript{th} Century CP or Honors
- **English options**: AP English Language, Honors English 11, College Prep English 11
- **Dual Enrollment**: 3.2 GPA required; only part-time as all required courses done at Oakmont
- **PSAT**: October 17, 2020
Class of 2021
Importance of Senior Year

- SAT Registration for May 2 test by April 3
- SAT Registration for June 6 test by May 8
- ACT Registration for April 4 test by Feb. 28
- ACT Registration for June 13 test by May 8
- Post Secondary Planning Presentations:
  - Parents’ presentation: Thursday, March 5th at 4:00pm in the Oakmont Auditorium
- College Fair at Keene State: May 12th - details to follow
- April vacation: Visit university campuses; Campus visit form available on Naviance
Senior Year Coursework

- **Required**: English 12 (Contemporary Lit.; Sports Lit.; Film and Lit.); AP English; Honors English 12
- **Math** is required for four year college bound students
- **Senior Fitness Waivers** available for students who need a fitness to graduate.
English Electives

- Graphic Novel Study (Grades 9, 10, 11, 12)
- Journalism (Grades 9, 10, 11, 12)
- Creative Writing (Grades 10, 11, 12)
Social Studies Electives

- Women in World History (CP or Honors) (Grades 10, 11, 12)
- Economics and Government (Grades 10, 11, 12)
- US and the World: Ancient to 1763 (CP or Honors) (Grades 9, 10, 11, 12)
- US and the World: Early Modern 1763-1900 (CP or Honors) (Grades 10, 11, 12)
- US and the World: Globalism and Terror: 1989-Present (CP or Honors) (Grades 11, 12)
- Sociology (Grades 11, 12)
- Psychology (Grades 11, 12)
- AP World History, AP US History (Grades 10, 11, 12)
Foreign Languages*

- French I (Grades 9, 10, 11, 12)
- French II (Grades 9, 10, 11, 12)
- French III Honors, French IV Honors (Grades 10, 11, 12)
- Spanish I, II (Grades 9, 10, 11, 12)
- Spanish III Honors (Grades 10, 11, 12)
- Spanish IV Honors, Spanish V Honors, and AP Spanish (Grades 11, 12)

*Not a graduation requirement, but two years of the same language at the high school level is required for admission to most four year colleges.
# Math course sequence

## Career Focused Students

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Sophomore Year</th>
<th>Junior Year</th>
<th>Senior Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alg &amp; Geo Preview / Alg 1, pt. 1</td>
<td>Alg 1, pt. 2 / Geometry</td>
<td>Alg 2 Essentials I &amp; Alg 2 Essentials II</td>
<td>Math Modeling</td>
</tr>
</tbody>
</table>

## College Prep Students

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Sophomore Year</th>
<th>Junior Year</th>
<th>Senior Year</th>
</tr>
</thead>
</table>

## Honors Students

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Sophomore Year</th>
<th>Junior Year</th>
<th>Senior Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra 1H / Geometry H</td>
<td>Alg 2, pt. 1 H / Alg 2, pt. 2 H</td>
<td>PreCalc H</td>
<td>Calculus AP or Calculus H</td>
</tr>
</tbody>
</table>
New Courses

- Computer Science Principles (Fundamentals of programming, data analysis)
- AP Statistics
Most students take Biology in Grade 9, and generally students take Chemistry or Chemistry in the Community in Grade 10.

A total of three science courses are required to meet graduation requirements.
Science Electives

- Geology and Oceanography (Grades 10, 11, 12)
- Meteorology and Astronomy (Grades 10, 11, 12)
- Field Botany (Grades 10, 11, 12)
- Forensic Science (Grades 11, 12)
- Somatic Human Anatomy and Physiology (Grades 11, 12)
- Physics (Honors) (Grades 11, 12)
- Applied Physics, Principles of Technology (Grades 11, 12)
- Forest Ecology & Wildlife Management (Grades 11, 12)
- Environmental Science Honors (Grades 11, 12)
- Advanced Chemistry and Physics (Honors) (Grade 12)
- AP Chemistry (Grade 12)
Business Electives

- Personal Finance (Grades 11, 12)
- Accounting (Grades 11, 12)
- Career Internship (Grade 12)
Visual Arts

- Graphic Design I, II (Grades 9, 10, 11, 12)
- Graphic Design III Honors (Grades 10, 11, 12)
- Art I & II (Grades 9, 10, 11, 12)
- Art III Honors (Grades 10, 11, 12)
- Art IV Honors, AP: Art and Design (Grades 12)
- Art History (Grades 9, 10, 11, 12)
- 3-D Design and Sculpture (Grades 10, 11, 12)
Performing Arts

- Concert Band I (Grades 9, 10, 11, 12)
- Concert Band II (Grades 10, 11, 12)
- Concert Band III Honors (Grades 11, 12)
- Concert Band IV Honors (Grade 12)
- Concert Choir I (Grades 9, 10, 11, 12)
- Concert Choir II (Grades 10, 11, 12)
- Concert Choir III Honors (Grades 11, 12)
- Concert Choir IV Honors (Grade 12)
Performing Arts continued

- Music Appreciation (Grades 9, 10, 11, 12)
- Rock & Roll: Blues to Beatles (Grades 9, 10, 11, 12)
- Rock & Roll: British Invasion to Today (Grades 9, 10, 11, 12)
- Music Theory I (Grades 9, 10, 11, 12)
- Music Theory II (Grades 10, 11, 12)
- AP Music Theory (11, 12)
TECHNOLOGY ENGINEERING

Course Sequence

Woodworking Technology (Grades 9-12)
- Materials and Construction (Grades 10-12)
- Video Game Design Honors (Grades 10-12)
- Power, Energy, and Fabrication (Grades 10-12)
- Power, Energy, and Transportation (Grades 11,12)

Communication Technology (Grades 9-12)
- Television Production (Grades 10-12)
- Applied Physics* (Principles of Technology) Grades 11,12
  *Lab Science Course

Design Technology (Grades 9-12)
- Engineering Design (Grades 10-12)
- Advanced Engineering and Robotics (Grades 11,12)
- Architecture/Interior Design (Grades 10-12)
Health and Fitness

- Fitness (Grades 9, 10)
- Lifetime Fitness (Grades 11, 12)
- Nutrition & Wellness for Life (Grades 11, 12)
Green/White Day
.5 Credit Courses*

- Applied Studies
- SAT Prep, Reading and Writing
- SAT Prep, Mathematics
- Visceral Human Anatomy and Physiology
- Art History
- Art 1

*These courses will only be scheduled if needed. For example, a grade 11 student may have a fitness course that meets every other day, and would need a course opposite fitness to fill that blank. These courses are not to be selected for core classes.
Guidance Department

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       (978) 827-5907 ext. 2159

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P – Z  Ms. Dubovick – adubovick@awrsd.org
       (978) 827-5907 ext. 2163