

# **Michigan High School Graduation Requirements Michigan Merit Curriculum (MMC)**

Pennfield Schools

8<sup>th</sup> grade Parent/Student Meeting

February 24, 2009

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# AGENDA

- Introductions (Clarification Video)
  - Purpose of meeting
  - Informational Powerpoint
  - Question and Answer Period
  - Scheduling Process
  - Four Year Course Mapping Worksheet
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# College-ready is Work-ready

“...we know that the skills expected for college are also the skills needed to enter today’s workforce. So whether students plan further education or work after high school graduation, they need to graduate college-ready.”

*On Course for Success*

ACT

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# History of High School Requirements

- Legislation signed by Governor Granholm on April 20, 2006 created a set of rigorous high school requirements
- State graduation requirements become most comprehensive in nation
- New requirements effective Class of 2011 except for Languages other than English: 2016
- Until the new legislation was passed requiring the new MMC, Michigan only required .5 credits in civics (Government). Individual districts designed their own graduation requirements which included the .5 credit of civics.



# Overview of Michigan Merit Curriculum (MMC)

## 2011 and beyond Requirements (current 9<sup>th</sup> and 10<sup>th</sup> graders)

- 4 English Language Arts
- 4 Mathematics (1 in senior year)
- 3 Science
- 3 Social Studies
- 1 Physical Education/Health
- 1 Visual, Performing, and Applied Arts
- On-line course/experience

## 2016 and beyond Requirements (current 5<sup>th</sup> graders)

- 2 credits/experience in Languages other than English
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# English Language Arts

- Required: 4 credits
  - Emphasis on Reading, Writing, and Informational Text
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# Mathematics

- ❑ Required: 4 Credits
  - ❑ Algebra I, Geometry, and Algebra II (Can be taken over two years) are required
  - ❑ Senior year of math is required – to be selected from district or online options, and/or dual enrollment
  - ❑ Sequence is not mandated
  - ❑ Integrated math allowed
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# Science

- ❑ Required: 3 Credits
  - ❑ Biology required of everyone
  - ❑ Choice of Physics or Chemistry
  - ❑ 3<sup>rd</sup> credit to be selected from district or online options, and/or dual enrollment
  - ❑ Legislation encourages 4<sup>th</sup> credit
  - ❑ Sequence not mandated
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# Social Studies

- Required: 3 credits
  - 1 credit in U.S. History and Geography
  - .5 credit in Civics (until the MMC, this was the only graduation requirement set by MDE)
  - .5 credit in Economics
  - 1 credit in World History and Geography
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# Visual, Performing, and Applied Arts

- Required: 1 credit
  - The goal is to provide students with experience in the entire artistic/creative process
  - Credit assignment is up to local school district
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# Physical Education/Health

- Required: 1 credit
  
  - Physical Education and Health requirements:
    - May be integrated into one course if the teacher is qualified and guidelines for both health and physical education are met.
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# Online Requirement

- The Michigan Merit Curriculum's Online Learning Experience Guideline document identifies the three manners in which a student in middle school through high school can have a meaningful online learning experience:
  - Online learning is defined as *"a structured learning activity that utilizes technology with intranet/Internet-based tools and resources as the delivery method for instruction, research, assessment, and communication."*  
The three manners in which a student can have an online learning experience are:
    - 1. Online Courses
    - 2. Online Learning Experiences
    - 3. Online Learning Incorporated into Each of the Required Credits



# Languages Other Than English

- Required:
    - 2 credits in high school (beginning with class of 2016)
    - OR..
    - Course work or other learning experiences prior to/during high school (K-12)
  - American Sign Language (ASL) and Heritage Languages qualify toward this requirement
  - Requirement may be met on-line
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# Typical 9<sup>th</sup> Grade Schedule




- World History and Geography (Soc Stu)
  - Algebra I (or other Math course)
  - Biology (Science)
  - English 9
  - ? Phys Ed/Health (Taken any time over four years)
  - Elective
  - Elective
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# Performance Matters

## *Currently*

- Pass or fail 
- Seat time 
- Individual courses 

## *What's New*

- Meet or exceed content expectations
  - Perform and demonstrate competency
  - Assign credit based on meeting expectations
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# Courses vs. Credits

Student earns credit by:

- ❑ Successfully completing the learning expectations in the Course/Credit Content Expectations for the credit area
  - ❑ Successful completion to be determined, **in part**, by state or local district assessments
  - ❑ “Testing out” allowed based on earning qualifying score on state or local assessments
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## Courses vs. Credits, cont'd.

- Graduation requirements intended to be standards/competency-based
  - Requirements do not imply courses, seat time, Carnegie Units
  - Legislation says districts may offer credits through “alternate methods” (e.g. Humanities, CTE, Industrial Technology, Voc-Ed, or combination)
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## Courses vs. Credits, cont'd.

- Credit requirement can be met in variety of ways and in other courses
    - Career Technical Education
    - Community based learning
    - Independent study/project work
  - High school credit may be earned for high school level courses taken prior to high school – if the course follows the High School Content Expectations
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# Michigan Merit Curriculum Assessments

- Local districts may use own assessments to measure achievement in credits
  - New law authorizes local district to institute Michigan Merit Exam (MME) as graduation requirement
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# Personal Curriculum

- ❑ Must meet high school requirements except as designated by law
  - ❑ Graduation requirements may be modified through the “Personal Curriculum”
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# Personal Curriculum

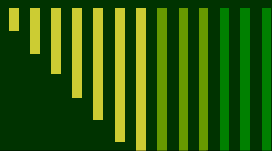
- ❑ Developed by team comprised of: the student, parent/guardian, high school counselor or staff member designated by principal
  - ❑ No age or grade level specified
  - ❑ Should incorporate as much of graduation requirements as practicable
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## Personal Curriculum, cont'd.

- Shall include measurable goals and evaluation
  - Aligned with student's Educational Development Plan (EDP from 7<sup>th</sup> grade)
  - Final plan must be approved by parents and district superintendent, or designee
  - **Parents** must communicate with teachers once each quarter to assess progress
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# Personal Curriculum

Credits	Subject Area	Description	Personal Curriculum (Modification)
4 Credits	English Language Arts	Aligned with subject area content expectations developed by the Department and approved by the State Board of Education	<b>No modification</b>
4 Credits	Mathematics	Algebra I Geometry Algebra II 1 additional math or math-related credit Math or math-related credit in the final year  **Complete Algebra 2 over 2 years with credit given for each year  **PC no longer needed for this option (December 2008)	<b>All students must:</b> <ul style="list-style-type: none"> <li>• Complete at least 3.5 math or math-related credits</li> <li>• Complete a math or math-related credit in the final year</li> </ul> <b>Algebra 2 modification options:</b> <ul style="list-style-type: none"> <li>• Complete 2.5 credits including .5 credit of Algebra II</li> </ul> <b>OR</b> <ul style="list-style-type: none"> <li>• Complete a two year Career and Technical education curriculum which includes .5 credit of Algebra II content</li> </ul>



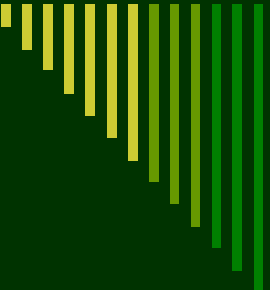
# Personal Curriculum

Credits	Subject Area	Description	Personal Curriculum (Modification)
3 Credits	Science	Biology Chemistry or Physics 1 additional Science credit	<b>No modification</b>
3 Credits	Social Studies	.5 Civics .5 Economics US History and Geography World History and Geography	<b>No modification of Civics</b> 2 credits must be earned** Modified <b>only if</b> student takes additional credit(s) beyond the required credits in English Language Arts, Math, Science, or World Languages  **if 3 credits of SS are not completed, students forfeit PROMISE scholarship (must also pass SS portion of MME)
1 Credit	Health and Physical Education	Credit guidelines developed by the Michigan Department of Education	Modification <b>only if</b> student takes additional credit(s) beyond the required credits in English Language Arts, Math, Science, or World Languages



# Personal Curriculum

Credits	Subject Area	Description	Personal Curriculum (Modification)
<b>1 Credit</b>	<b>Visual, Performing, Applied Arts</b>	Credit guidelines developed by the Michigan Department of Education	Modification <b>only if</b> student takes additional credit(s) beyond the required credits in English Language Arts, Math, Science, or World Languages
<b>2 Credits</b>	<b>World Languages</b>	<b>Begins with the Class of 2016</b> Credits earned in grades 9-12 <b>OR</b> An equivalent learning experience in grades K-12	<b>No modification</b>
	<b>Online Learning Experience</b>	Online course or learning experience <b>OR</b> Online experience is incorporated into each of the required credits	<b>No modification</b>



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## Students with Individualized Education Plans (IEPs) receiving special education services

- ❑ Special Education students are GENERAL education students first. Special Education is a service not a placement.
  - ❑ All graduation requirements apply
  - ❑ Student's IEP supports the student to achieve graduation
  - ❑ The IEP must identify the appropriate supports to successfully complete the Michigan Merit Curriculum or through a Personal Curriculum
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# District Obligations

- Educational Development Plan for 7<sup>th</sup> graders to be completed by time student enters high school
    - All Pennfield 7-8th graders complete Educational Development Plans prior to coming to High School.
    - Students and guidance counselors will then use the EDP in the scheduling process for future classes.
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# District Obligations, cont'd.

- Graduation credit areas taught by “highly qualified” (NCLB) teachers
    - All High School Teachers are Highly Qualified in their assigned instructional areas in accordance with NCLB regulations.
  - Notice to parents of students failing or in danger of dropping out
    - Parents are notified of academic progress through district mailings (progress reports and report cards), internet access to their student(s) classroom performance data, and individual contact with teachers and counselor.
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## District Obligations, cont'd.

Basic technology and internet access in place to support on-line requirement

- All classrooms have internet connections/access, the availability of five computer labs and three mobile laptop carts, hand held computers, and the high school campus is completely wireless for seamless technology integration.
  - All 9<sup>th</sup> grade students will receive a laptop for use over their 4 years of high school.
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Michigan.gov/highschool (with link to HSCE site)  
<http://www.michigan.gov/highschool>

Michigan.gov/hsce  
<http://www.michigan.gov/hsce>

Michigan.gov/oeaa (MME/ACT information)  
<http://michigan.gov/oeaa>

Michigan.gov/mathematics (mathematics resources)  
<http://www.michigan.gov/mathematics>

ACT.org (policy makers) *On Course for Success*  
[http://www.act.org/path/policy/pdf/success\\_report.pdf](http://www.act.org/path/policy/pdf/success_report.pdf)

ACT.org (policy makers) *Reading Between the Lines*  
<http://www.act.org/path/policy/reports/reading.html>

ACT.org (College Readiness Standards)  
<http://www.act.org/standard/index.html>

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# Questions?

Mr. Barry Duckham, Pennfield High School Principal

269-961-9770

[duckhamb@pennfield.net](mailto:duckhamb@pennfield.net)

Mr. Tom Faber, Pennfield High School Assistant Principal

269-961-9770

[fabert@pennfield.net](mailto:fabert@pennfield.net)

Mr. Hetty Colver, CISD Special Education Supervisor

[colverh@calhounisd.org](mailto:colverh@calhounisd.org)

269-441-5490

Mrs. Julie McDonald, CISD/DCIA Consultant

269-789-2495

[mcdonalj@calhounisd.org](mailto:mcdonalj@calhounisd.org)

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