

# Mineola School District **Guidance Department**

---

## **College & Career Readiness**

***October 9, 2014***

*Presentation to the Board of Education*



# Board Goals (2014-15):

---

- ❑ Develop and implement a four-year plan to align High School coursework and partnerships in specific Career and Technical (CTE) strands
  - ❑ Explore partnerships with local universities to offer certificate programs to our students during his/her senior year
  - ❑ Continue to develop and encourage students to engage in college level coursework
-

# 2014-15 Courses Offered

---

## □ AP

- Biology
- Calculus AB
- Calculus BC
- Chemistry
- English Lang. & Comp
- English Literature
- Environmental Science
- European History
- Music Theory
- Physics B
- **Psychology**
- Spanish Language
- Statistics
- US Government & Politics
- US History
- World History

## □ College Level

- College Level American Government
  - Economics CLEP
  - Advanced Spanish Conversation
  - Advanced Spanish Literature
  - Advanced Italian Conversation
  - College English
  - **College Pre Calculus**
  - **College Pre Calculus Honors**
  - **College Sports Marketing**
  - **College Music Theory**
-

<b>2013-2014</b>	<b># of Students</b>	<b>3 or above (#)</b>	<b>3 or above (%)</b>
Biology	24	23	96%
Calculus AB	18	14	78%
Calculus BC	22	19	86%
Chemistry	25	22	88%
English Language & Comp.	50	42	84%
English Literature	18	14	78%
Environmental Science	27	16	59%
European History	21	10	48%
Music Theory	8	5	63%
Physics B	25	16	64%
Spanish Language	11	11	100%
Statistics	22	18	82%
US Government & Politics	34	20	59%
US History	56	42	75%
World History	27	18	67%

**388**

# Class of 2015

---

- Number of AP Classes - 16
- Number of College Level Classes - 9
- # Senior Class - 183
- % taking or have taken at least 1 AP or College Level Class:

	<u>2013-14</u>	<u>2014-15</u>
■ 60%	College Level	78.45%
■ 47%	AP	52.49%



# Comparative Data:

---

- Number and Percent of Students who have not taken a College or AP Class during their high school career

	Class of 2014	Class of 2015	Percent Decrease:
<b>AP</b>	108	91	<b>19%</b>
<b>College Level</b>	83	56	<b>33%</b>

---

# Are there additional courses we can evaluate?

---

- Psychology I
- Psychology II
- Astronomy
- Marine Science
- Anatomy
- Accounting
- Contemporary Issues
- Musical Theater
- Advanced Science Research

## **Keeping in mind:**

- High school juniors and seniors with strong academic records are eligible to participate in the High School Program.*
  - Students may take up to 2 classes per semester.*
- 



# “New” for 2014-2015

---

- Increased use of Naviance
    - 6<sup>th</sup> Grade
    - 7<sup>th</sup> Grade
  - 8<sup>th</sup> Grade Parent Night
  - Mindset Research
  - Initial Discussion: CTE Strands
  - Initial Discussion: College Partnerships
  - Addition of Hofstra to the “On the Spot Dates”
  - Method Test Prep: Addition of the ACT Module
  - Exploring the Digitization of Alumni Records
-



# Naviance – Grade 6

---

## □ 6th Grade

- Exploring interests and strengths by using an Interest Inventory and Strengths Explorer through Naviance.
  - Career Investigation - This introduction to Naviance will allow students to develop a portfolio / career plan to build on in future years
  - Culminating Activity - a career fair to give students a broader perspective as they begin to think about their future.
-

# Naviance – Grade 7

---

## □ 7th Grade

- Students will engage in college searches based on revisiting their results from the Interest Inventory and Strengths Explorer.
  - Their research will allow them to get a sense of various majors, courses of study, and the overall feel of a campus.
  - Culminating Activity – the students will visit a local university in order to excite them about the prospect of college as they begin their high school years.
-

# 8<sup>th</sup> Grade Parent Night

---

- Schedules and the Parent Portal
  - Extra Help
  - Clubs, Activities, Sports & Fine Arts
  - College and Career Readiness
  - Adolescence and Adjustment
  - Teaming & the Role of the Counseling Department
-

# Mindset Research

---

- Mindset
- 8<sup>th</sup> & 9<sup>th</sup> Grade Guidance Lessons



- People “are the way they are” and that doesn’t change.
- Success and therefore a positive self image develops by performing well and looking smart

- Intelligence can be developed, the brain is like a muscle that can be developed and trained.
- Success and therefore a positive self image comes from a desire to learn and grow through effort

<https://vimeo.com/102656395>  
Password: mineola

# Initial Discussion:

## *Future CTE Strands*

---

### STEAM – Computer Science

8<sup>th</sup> Grade – Quarterly STEAM Projects in Integrated Algebra

9<sup>th</sup> Grade – Exploring Computer Science

10<sup>th</sup> Grade – *Explore AP Computer Science*

11<sup>th</sup> Grade – *Explore College Partnership / Certificate Program (e.g. Cisco; Microsoft, Adobe, etc.)*

12<sup>th</sup> Grade – *Explore College Partnership / Certificate Program (e.g. Cisco; Microsoft, Adobe, etc.)*

### HEALTHCARE

8<sup>th</sup> Grade – Health 8

9<sup>th</sup> Grade – Exploring Computer Science

10<sup>th</sup> Grade – Health

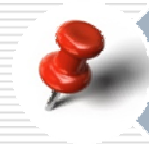
11<sup>th</sup> Grade – *Explore College Partnership / Certificate Program (e.g. Personal Training; CPR / First Aid; EMT; Medical Assistant)*

12<sup>th</sup> Grade – *Explore College Partnership / Certificate Program (e.g. Personal Training; CPR / First Aid; EMT; Medical Assistant)*

# College Partnerships

---

- Explore partnerships with local colleges
  - Non-credit bearing coursework
  - Certificate programs
  - Dual Enrollment
  - Associate degree path



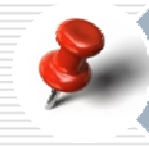
Student Interests



Establish College Partnerships



Identify Certificate Area



Review and Align 11<sup>th</sup> & 12<sup>th</sup> Grade Curriculum

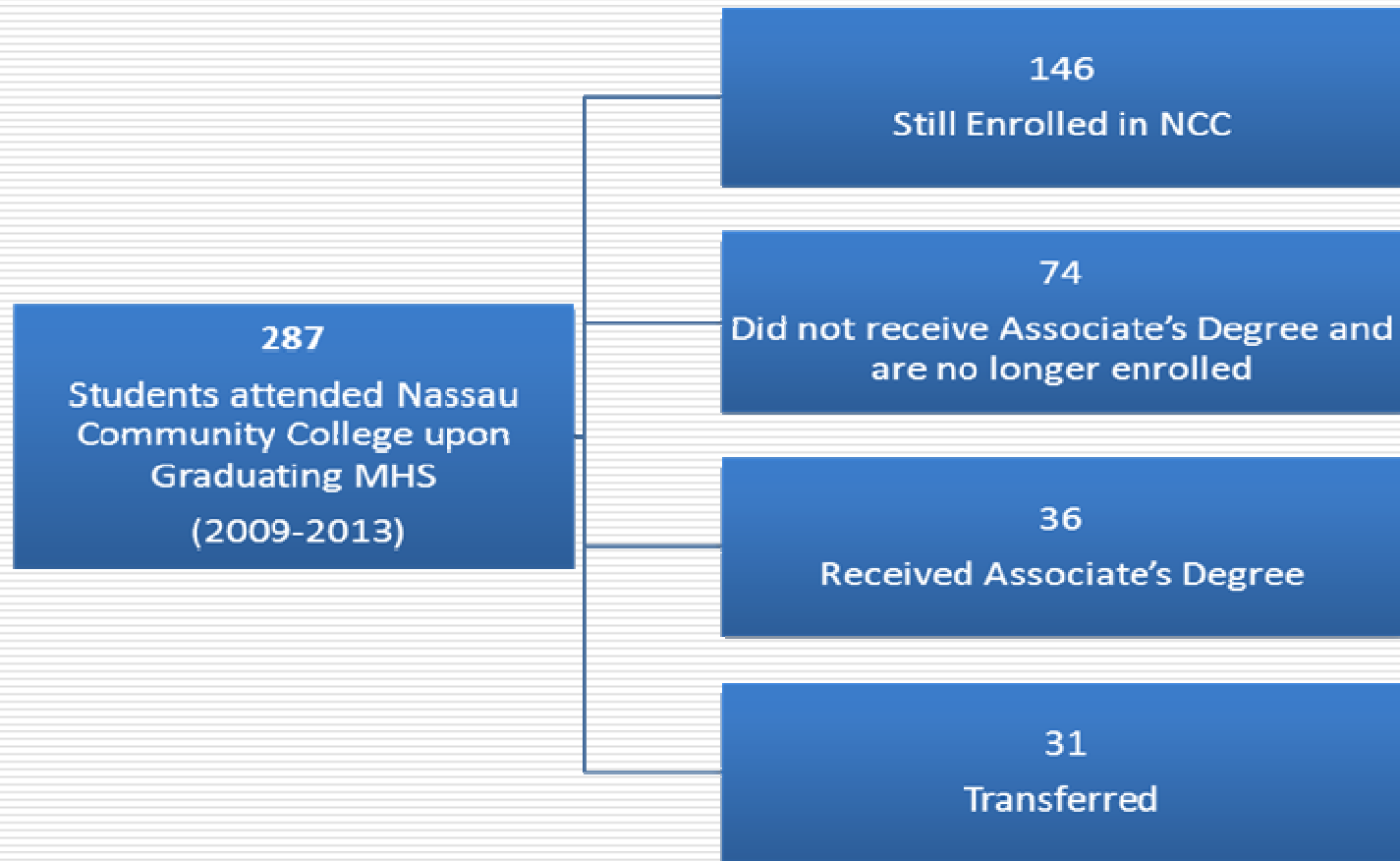


Coordinate with College / University

---

# Why pursue partnerships?

---



# Computer Engineering Technology – A.A.S.

Year 1*	Year 2	Year 3	Year 4	Year 5/6
English 9 Global 9 Earth Sci Spanish 2 Geometry Fine Arts PE ECS	English 10 Global 10 Living Env't. Spanish 3 Math Health PE AP Comp. Science ??	English 11 US History Physics ← College Algebra → PE  <b>12 credits</b>	1. Eng. Comp I 2. Eng. Comp II 3. College Algebra 4. Gen. Physics I 5. Gen. Physics II 6. 2 Courses in History or Social Science  <b>12 credits</b> Economics/ Government PE	1. Electric Circuit Analysis 2. Sinusoidal & Transient Circuits 3. Electronics I 4. Comp.Contr Sys. 5. Computer Project Laboratory 6. Computer Applications 7. Intro to Computer Programming 8. Operating Sys. & Sys. Deployment 9. C++ 10. Digital Computer Theory 11. Computer & Elec Device Appl. 12. Microprocessors & Micro Comp. 13. Network Fund. I 14. Calc for Tech & Business 15. Elective
		← <b>Explore the possibility of moving            courses from years 5/6 to years 3            &amp; 4</b>		
<b>Current Regents Exam Requirements:</b> English Common Core Algebra I Global History US History 1 Science		*Geometry *Algebra 2 Trig. *Living Env't. *Checkpoint B  *For Adv. Regents		
<i>*Year 1 assumes credit for Algebra I and Spanish I in the 8<sup>th</sup> grade</i>				
<b>40 Credits</b>				



# Medical Office Assistant – A.A.S.

Year 1*	Year 2	Year 3	Year 4	Year 5/6
English 9 Global 9 Earth Sci Spanish 2 Geometry Fine Arts PE ECS	English 10 Global 10 Living Eenvt. Spanish 3 Math Health / CPR Fine Arts PE  <b>3 credits</b>	English 11 US History Science Contemp. Issues Foundations of Math or College Algebra Fine Arts PE  <b>12 credits</b>	1. Eng. Comp I 2. Eng. Comp II 3. Foundations of Math 4. Public Health Science 5. World Cultures & Global Issues 6. Sociology 7. Medical Ethics  <b>10 credits</b> Economics/ Government PE	1. Fundamentals of Life Science 2. Org. & Delivery of Healthcare 3. Assisting in the Medical Office I 4. Assisting in the Medical Office II 5. Medical Term. 6. Phlebotomy 7. EKG Technology 8. Keyboarding or Transcr. & Dicta. 9. Medical Office Procedures 10. Info Processing using Word 11. Med Billing & Coding I 12. Med Billing & Coding II 13. Coop Ed in Business 14. Phlebotomy Prac 15. CPR 16. 6 elective credits  <b>35 Credits</b>
		← Explore the possibility of moving courses from years 5/6 to years 3 & 4		
<b>Current Regents Exam Requirements:</b> English Common Core Algebra I Global History US History 1 Science		*Geometry *Algebra 2 Trig. *Living Eenvt. *Checkpoint B  *For Adv. Regents		
*Year 1 assumes credit for Algebra I and Spanish I in the 8 <sup>th</sup> grade				

# Thank you!

---

תודה  
Dankie Gracias  
Спасибо شکرًا  
Merci Takk  
Köszönjük Terima kasih  
Grazie Dziękujemy Děkojame  
Ďakujeme Vielen Dank Paldies  
Kiitos Täname teid 谢谢  
**Thank You** Tak  
感謝您 Obrigado Teşekkür Ederiz  
Σας Ευχαριστούμ 감사합니다  
ਬਭੁਕੁਮ  
Bedankt Děkujeme vám  
ありがとうございます  
Tack