Orientation to Course Selection

Thomas A. Edison High School
An IB World School
Welcome

Pamela Ellison Brumfield
Principal

“The three great essentials to achieve anything worthwhile are: Hard work, Stick-to-itiveness, and Common sense.”

- Thomas A. Edison
Tim Boyd  
Assistant Principal

- Student Management  
  - A - Dominguez
- Class Administrator  
  - Juniors
- Departments  
  - Social Studies
  - World Languages
  - Technology
Belinda Williams
Assistant Principal

• Student Management
  – Donato - Lizama
• Class Administrator
  – Sophomores

• Departments
  – Science
  – Literacy
  – Avid
  – IB DP and MYP
Mark Nocera
Assistant Principal

- Student Management
  - Llinas - Rivas
- Class Administrator
  - Seniors
- Departments
  - English
  - Math
  - Safety and Security
Eileen Temprosa
Assistant Principal

- **Student Management**
  - Rivera - Z
  - Students with Intellectual Disabilities

- **Class Administrator**
  - Freshman

- **Departments**
  - Special Education
Deborah Guillen  
Director Student Services

- Departments
  - Student Services
  - ESOL
  - Assessment Coach
  - Testing
Greg Dombrowski
Director of Student Activities

- Departments
  - Student Activities
  - Health & Physical Education
  - Driver Education
  - Field Trips
  - Announcements
  - Custodians
Sal Olivo
Academy Administrator

- Student Management
  - Academy

- Class Administrator
  - Freshman

- Departments
  - Business
  - Marketing
  - JROTC
  - Academy Courses
  - Fine and Performing Arts
Nancy Dolan
Dean Of Students

- Student Attendance
- Administrative Assistants
- Impact Aid
- Youth Survey
All Academy Courses at Edison

- Animal Science
- Automotive Collision Service
- Automotive Technology
- Cosmetology
- Criminal Justice
- Culinary Arts
- Cyber: Computer Systems (A+)
- Cyber: Network Administration
- Cyber: Oracle
- Cyber: Security + Capstone
- Electrical Construction and Engineering
- Heating Ventilation and Air Conditioning & Refrigeration (HVAC-R)
- Small Engine Repair
- Teachers for Tomorrow
Business Information and Technology

- Cyber: Computer Systems (A+)
- Cyber: Network Administration
- Cyber: Oracle
- Cyber: Security + Capstone
Trade and Industrial

- Automotive Collision Service
- Automotive Technology
- Cosmetology
- Criminal Justice
- Electrical Construction and Engineering
- Heating Ventilation and Air Conditioning & Refrigeration
- Small Engine Repair
Family and Consumer Sciences

• Culinary Arts
• Teachers for Tomorrow
Health and Medical Sciences

- Animal Science
Department of Student Services

Director of Student Services: Ms. Guillen

School Counselors:
Students are divided by their last names

A-Bp  Mr. Schlemmer
Br-Eh  Ms. Smith
Ei-Her Ms. McKinney
Hes-Map Ms. Wolfe
Maq-Or Mr. Clarke
Os-Si Ms. McCree
Sj-Z  Ms. Dely
Special Programs

- Global STEM Challenges Program—more information on the following slides.

- Edison Writing Center
  - Student tutors have been trained to offer one-on-one tutorial sessions on writing assignments for any academic class at Edison, outside writing requirements for the IB diploma, resumes, college application essays, and any other writing project a student asks for help with.
  - The Writing Center is open during lunches, and after school on late bus days.
  - Students sign up in advance for tutor appointments.

- Eagle Flight School
  - After-school Peer and Staff mentoring program for targeted students.
  - Supports increasing critical thinking and organizational skills.
  - Focus on Math, Science, and STEM-related career exploration.

- Edison Math Center
  - Provides peer tutors for assistance in math classes.
  - The Math Center is located in the Cafeteria and is open during all lunches.
  - Students can drop-in or can make appointments in advance.
Global STEM Challenges Program
Integrated Mathematics Content Sequence

Percentage of Content Taught Each Year Per Course

Year 1
- Geometry Honors
- Algebra 2 Honors
- PreCalculus Honors
- Computer Science

Year 2
- Geometry Honors
- Algebra 2 Honors
- PreCalculus Honors
- Computer Science

Year 3
- Geometry Honors
- Algebra 2 Honors
- PreCalculus Honors
- Computer Science
Integrated Science Content Sequence

Integrated Science Courses

Year 1

Year 2

Year 3

https://www.youtube.com/watch?v=fpamJo6pQLw&feature=youtu.be
Standard Diploma

Standard Credit
4 English
4 History
3 Science
3 Math
2 HPE
2 Fine Arts, World Lang., CTE
1 Economics & Personal Finance
3 Career & Tech. Ed.
2 Virtual Course
Total = 22

Verified Credit
2 English
1 History
1 Science
1 Math
1 Additional
(Including First Aid/CPR/AED training)
1 Virtual Course
Total = 6
Advanced Diploma

Standard Credit
4 English
4 History
4 Science
4 Math
2 HPE
( Including First Aid/CPR/AED training)
3 World Language
1 Economics & Personal Finance
1 Fine Arts or Career & Tech. Ed.
3 Electives
1 Virtual Course
Total = 26

Verified Credit
2 English
2 History
2 Science
2 Math
1 Additional
Total = 9
## Planning your Academic Program

<table>
<thead>
<tr>
<th>Subject</th>
<th>Grade 8</th>
<th>Grade 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td></td>
<td>English 9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>English 9 Honors</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Trans. English 9</td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
<td>World Hist/Geo. 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Honors World 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>WHG 1 (Adaptive)</td>
</tr>
<tr>
<td>Math</td>
<td>8th grade math</td>
<td>Alg. 1 Part 1/ and- or Algebra 1</td>
</tr>
<tr>
<td></td>
<td>Algebra 1 Honors</td>
<td>Geometry Honors/ Integrated Math</td>
</tr>
<tr>
<td></td>
<td>Algebra 1</td>
<td>Geometry/Integrated Math</td>
</tr>
<tr>
<td></td>
<td>Geometry</td>
<td>Algebra 2 Honors/Integrated Math</td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td>Biology*/Integrated Science</td>
</tr>
<tr>
<td>Health/PE</td>
<td></td>
<td>Health/PE 9</td>
</tr>
<tr>
<td>World Language</td>
<td></td>
<td>Spanish, French, Latin 1, Chinese 1</td>
</tr>
<tr>
<td></td>
<td>Spanish /French / Chinese 1</td>
<td>Spanish/French /Chinese 2</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>Students have room for 1, please also choose 3 alternatives/Engineering</td>
</tr>
</tbody>
</table>
Should my student take Honors courses?

Does your student:

- Enjoy More Independent and Self-Paced Instruction?
- Feel Comfortable with their SOL Test-Taking Skills?
- Prefer More Reading and Writing Activities Combined with Hands-on projects?
- Feel Comfortable with Completing Reading and Writing Assignments Independently?
- Have Already Determined that High School Goals will Include Attainment of IB Certificates or Possibly a Full IB Diploma?
• Each 9th grader has the option of English 9 or English 9 Honors.

• The two courses read some of the same works, but the educational approach is different.
The Classes

- English 9: 20-30 min. per night of note review, guided reading, vocab practice, short writing assignments, or occasional projects.

- English 9 HN: 30-45 min. per night of independent reading, longer process writing, and projects.

English 9 is more guided, while English 9 Honors requires more independence & autonomy.
Social Studies- 9th Grade Options

- Option 1- World I. Studies Pre-History through 1500, the Renaissance. The end of this course has a World I SOL.

- Option 2- Honors World. Studies 1500 through modern day. The end of this course has a World II SOL.
Social Studies - Differences between honors and regular

• Regular World I studies different years than Honors World. More project based, more focus on SOL preparation.

• Honors World has more Document Based Questions, essay writing, preparing for the IB track. Generally speaking more homework than regular World. More independent reading.
Biology

- All students sign up for Standard Biology
- During the first quarter students see both standard and honors assessments
- At the end of the first quarter students may choose to pursue the honors biology credit
- All biology courses will be a mix of standard and honors students
- Honors entails more depth, not more work and there is a science project requirement
15. What is the VOLUME of the button in the diagram?

A. 6 mL  
B. 10 mL  
C. 10 °C  
D. 16 mL

15. A graduated cylinder containing water is shown in diagram A below. Pea seeds were dropped into the cylinder and the results are shown in diagram B. What is the volume of the seeds?

In a short answer format:
**Standard Biology students** are provided a passage about an experiment ahead of time and asked questions related to the passage.

**Honors Biology students** receive the same passage ahead of time but are given additional information about a second experiment and asked to compare/contrast the two experiments.
Mathematics

• 9th graders entering Geometry have several options:
  – Geometry
  – Honors Geometry
  – Double Block Geometry
  – STEM

• Honors includes more depth and rigor, formal logic, and deductive proofs in addition to the standard curriculum.

• Double block meets every day for students who need a slower paced course.

• STEM Math Component – by the end of the three years, students have covered Geometry, Algebra 2, and Pre-Calculus.
Mathematics

• 9th graders entering Algebra 1 will be enrolled in:
  – Double Block Algebra 1
  – Algebra 1
• Double block Algebra 1 meets everyday and provides students with a solid foundation for future math courses
• Algebra 1 meets every other day. By the end of the first quarter, students may have the option for Honors Algebra 1 credit.
Planning your Academic Program

- Consider goals and needs when selecting electives.
- Consider Interests.
- Connect Course of Study to Career and Academic Goals
  - International Studies
  - Engineering and Scientific Technology
  - Health and Human Services
  - Communication Arts
- Choose Your Elective Courses Wisely – limited opportunity to make changes.
Planning your Academic Program - Electives
9th graders may choose from the following electives

Accounting
Advanced Band*
Advanced Mixed Chorus*
Advanced Orchestra*
Advanced Women’s Chorus*
AJROTC 1
AVID**
Basic Technical Drawing
Basso Chorus
Brass Ensemble
Business Law/Business Management
Creative Writing
Cyber: Computer Systems Tech. (A+)
Debate

Design and Technology
Education for Employment
Film Study
Forensics
Global STEM Challenges Program
Guitar
Information Systems
Intermediate Orchestra
Intermediate Mixed Chorus
Introduction to Marketing
Journalism
Literacy Essentials
Music Sampler
Music Theory
Percussion Ensemble

Piano Lab 1
Programming
Strategies for Success
Studio Art 1
Theatre Arts 1
Technical Theatre 1
Treble Chorus
Webpage Development
Wind Ensemble

*Requires audition
**Requires application
Course Selection Process

- Twain students will receive a copy of the Course Offerings Guide February 27th; Holmes students will receive theirs January 27th. It is also available on Edison’s website: [http://www.fcps.edu/EdisonHS](http://www.fcps.edu/EdisonHS) under the Student Services Tab.

- Edison counselors will be at Twain March 6 to assist their students in selecting their courses. Holmes students will meet with their counselors on February 9th to complete their course selections.

- Parents will receive a copy of the registration form.

- Parents will receive a list of the courses that their student is registered for in mid-March.

- There will be an opportunity to make any necessary corrections at this time.
Course Selection Process – Private Schools/Transfer students

- Edison will begin registering students new to FCPS/Edison beginning in March.
- Please call Krystal Brooks, Registrar 703-924-8022 to make a registration appointment.
  - Transfer students – please wait until you receive confirmation that the transfer has been approved prior to making appointment.
- Students and Parents will meet with the counselor to select courses for the next year.
EHS schedule

- Students take 7 classes on a rotating schedule.
- Blue Days – students attend Advisory and have an opportunity to receive additional assistance in their classes during Eagle Time.

Red Day

1st Period

3rd Period

5th Period (Lunch will be part of this class period)

7th Period

Blue Day

2nd Period

4th Period Eagle Time – Advisory and Remediation/Enrichment

6th Period (Lunch will be part of this class period)

8th Period
EDISON HS CLASS OF 2021

TO GET INVOLVED IN YOUR SCHOOL!
STUDENT ACTIVITIES

There are SO many ways to get involved!

- Athletics – fall, winter, spring.
- Clubs – if we don’t have the club you want, start one!
- Class Officer or just be involved in class activities.
- Fine and Performing Arts.
- Many other opportunities in addition to the above.

WE WANT 100% INVOLVEMENT FROM THE THOMAS EDISON HIGH SCHOOL CLASS OF 2021!
PLAN ON PLAYING A SPORT?

FALL SPORTS BEGIN AUGUST 1, 2017

BEFORE TRYOUTS YOU MUST:

• Complete a VHSL Physical and turn it in to our Athletic Trainers.
• Complete the concussion information on the Student Activities Website.
• Have 2 signed copies of Emergency Care Card.

SAVE THE DATE: Wednesday, May 17 – VHSL Physicals will be done at Edison HS!
Upcoming Dates

- February 9 – Course Selection at Holmes
- March 6 – Course Selection at Twain.
- March 15 – course selections mailed home.
Thank you!

- Please join us in the Cafeteria for our Curriculum Fair. Counselors, Administrators, as well as Teachers from each department are available to discuss their course offerings and answer your questions.