



# Welcome to the Academy for Health and Medical Sciences Student Information Session

The Facts and Fundamentals as told by:  
Staff and the Students

# The Facts...How do I get started?



- Apply by February 13, 2020
  - Be sure to see your school counselor for assistance
- The Application
  - Page 1- Outlines the Step-By-Step Process
    - Both Parent and Student must attend the respective information sessions
  - Page 2 & 3- You and your parents complete this portion
  - Page 4- Your guidance counselor completes this portion and sends in all requested documents prior to the application due date
    - 7th grade transcript
    - 8th grade transcript (MP1 and MP2)
    - 6th and 7th grade standardized tests
    - Daily attendance for 7th and 8th grade
    - Discipline records for 7th and 8th grade
    - 504 documentation (If applicable)
    - Health history and Appraisal form A-45



## What Do I Need to be Considered into the Program?

- Counselor Documentation (see previous slide)
  - 7th and 8th Grade Report Cards
  - Standardized Tests
- Admission Testing- Literacy, Science, Mathematics
  - Register online (after Feb. 13) @ [www.scvths.org](http://www.scvths.org) under Admission → AHMS
  - Test Date: **March 7, 2020**
- Personal Interview
  - Interview Date: **April 18, 2020**
- Spanish Placement Test
  - On day of interview

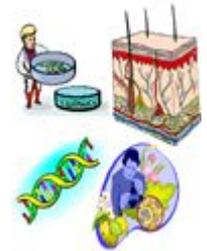
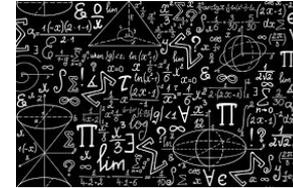
# The Admission Process: Point Breakdown



- 7th Grade GPA- Up to **20** Points
- 8th Grade GPA- Up to **10** Points
- NJ Standardized Test Scores- Up to **15** Points
- Academy Admission Tests- Up to **15** Points Each
  - Writing/Language Arts
  - Science
  - Mathematics
    - Minimum of **10** points needed
- Student Interview- Up to **10** Points
- Minimum of **80** total points

# Courses: What Classes Will I take in 9th Grade?

- Honors English 9
- Honors World History
- Honors Combined Algebra
- Honors Biology Lecture and Lab
- Honors Earth & Space Science
- Honors Spanish 1 or 2
- Physical Education & Health
- Photography/Art



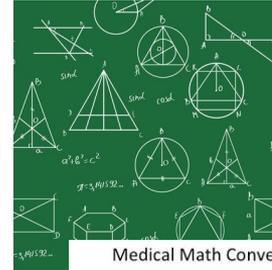
Spanish

*Please note: Any course with an \* is a Dual Academic Credit Course with RVCC and may be subject to change with State mandates.*

# Courses: What Classes Will I take in 10th Grade?

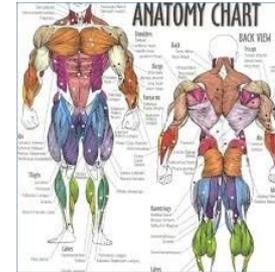


- Honors English 10
- Honors United States History 1
- Honors Geometry/Trigonometry
- Honors Spanish 2 or 3
- Physical Education and Drivers Ed
- Medical Math
- Medical Terminology
- Intro. To Cultural Anthropology\*
- Human Origins\*
- Anatomy & Physiology 1&2 Lecture and Lab\*



Medical Math Conversions

- 1 kg = 2.2 lbs
- 1 tsp = 5 ml
- 1 tbsp = 15 ml
- 1 tbsp = 3 tsp
- 1 oz = 30 ml
- 12 oz = 360 ml
- 1 cup = 8 oz = 240ml



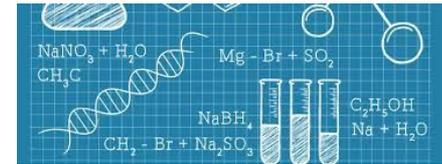
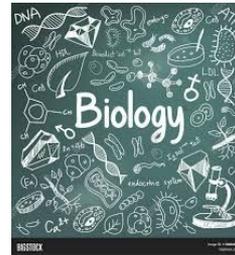
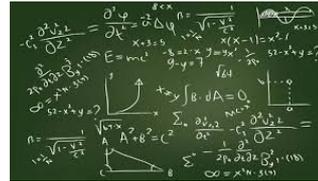
COMMON PREFIXES	MEANING	EXAMPLE
Bio- 	Life	Biology The study of living things.
Cardio- 	Pertaining to the heart	Cardiology A specialist's practice of diagnosing and treating heart disease.
Dys- 	Bad or difficult	Dyslexia A difficulty learning a difficult subject.
Dermo- 	Pertaining to the skin	Dermatology Inflammation of the skin.
Facio- 	Pertaining to the face	Facelift Facial surgery.
Gastro- 	Pertaining to the stomach	Gastroenterology Inflammation of the stomach.
Hemo- 	Pertaining to blood	Hemoglobin A reddish substance in which a hemoglobin molecule carries oxygen through the blood.
Hyper- 	Something excessive or beyond normal	Hypertension Abnormally high blood pressure.
Lipo- 	Pertaining to fat	Liposuction The surgical removal of excess fat.

Please note: Any course with an \* is a dual academic credit course with RVCC and may be subject to change with State mandates.

# Courses: What Classes Will I Take in 11th Grade?



- Honors US History 2
- Honors Spanish 3 or 4
- Physical Education and Health
- Workplace Experience
- Honors Physical Science
- English Composition 1\*
- PreCalculus 1\* and 2\*
- General Biology 1\* & 2\* Lecture and Lab
- General Chemistry 1\* & 2\* Lecture and Lab



*Please note: Any course with an \* is a dual academic credit course with RVCC and may be subject to change with State mandates.*



# Courses: Can I Take Extra Courses?



- During the summer after your sophomore year
  - Must receive recommendation from the Academy supervisor
  - Must be in good standing
  - Must have a combined 3.5 GPA in all RVCC courses
  - There is a list of acceptable courses that you can take in April 2022
- Junior Year and Senior Year
  - Must see Joanne Travaglini (RVCC liaison) to register for additional classes

*Please Note: The grade students receive for any additional class they take on their own will be configured into their overall combined GPA.*

# Academic Standards



- Attendance is mandatory
  - AHMS and RVCC run on different schedules
- Must maintain an overall GPA (AHMS and RVCC) of a 3.0
  - Warning Letters for AHMS classes
  - Academic Contract for AHMS classes
  - If you receive a D/F in any RVCC class you must make an appeal to continue in the program
- Accuplacer Exam
  - English
    - Spring of Freshman Year
    - Winter of Sophomore Year
  - Math
    - Winter of Sophomore Year
    - Spring of Sophomore Year
  - No Appeals

# Senior Year: How Can I Become the Valedictorian or Salutatorian?



- Using weighted averages, starting with the class of 2020 there will be one recognized Valedictorian and one Salutatorian for the Academy.
- In the event of a tie, weighted averages will be used and go out as many decimal places as needed.

# Awards: What Will I Be Eligible For?



- Academy Principal's Honor Roll
  - Awarded each marking period to students earning an "A" (93) or above in all subjects.
- Academy Honor Roll
  - Awarded each marking period to students earning a "B" (83) or above in all subjects.
- National Honor Society for High School Students
  - Open to Juniors and Seniors who meet the society's standards for academics, character, leadership, and service. Students must have a GPA of 3.50 or above in their High School and College coursework to be considered.
- Phi Theta Kappa Honor Society for Community College Students
  - Open to Juniors and Seniors who have a GPA of 3.50 or above in their Raritan Valley Community College coursework.

# Clubs: What Clubs Can I Be Part of at AHMS?



- Art Club
- Applied Bioscience and Medicine Club
- Bio Olympiad
- Connect4Cancer
- Debate Club
- Future Business Leaders of America (FBLA)
- International Youth Neuroscience Association (IYNA)
- Math Madness
  - Online competition
- Model UN
- Music For More
- National Honors Society
- National Technical Honors Society
- Robotics
- Rotary
- Science League
- Science Olympiad
- Skills USA
- Spanish National Honors Society
- Sports
  - Basketball (Boys and Girls)
  - Soccer (Boys and Girls)
  - Cheerleading
  - Baseball
  - Softball
- Student Council

# Academics: What are the Freshman Saying?



- “The classes always push you to do your best work, but at the same time, they will move at your pace.”
- “If you don’t study A LOT for bio., don’t expect a decent grade.”
- “My classes are fun mostly. The teachers teach well. They give a good amount of homework and are always willing to give you help. They take it easy in the beginning, but they also prepare you for the next three grades.”
- “I thoroughly enjoy the Academy. I find it a refreshing challenge. I think there are also a wide range of great clubs.”
- “The classes do demand a lot of time to work and prepare, but a student can succeed if they take the time to work hard and dedicate themselves to the classes.”

# Academics: What are the Sophomores Saying?



- “As the years progress, the courses get more rigorous and demanding, but at the same time it's an amazing learning environment, and I enjoy every class that I am in.”
- “They are challenging but enjoyable to be in.”
- “Sophomore year is the transition year where students are flooded with work from Anatomy and Physiology to prepare them for the college work they'll face at RVCC.”
- “College classes can be hard, but really interesting! Make sure you study ahead of time though, and do all your homework.”

# Academics: What are the Juniors Saying?



- “They (HS classes) are very hard and studying is absolutely necessary even if you were able to “wing it” and still get good grades in that class. In these classes, that can’t happen.”
- “They're a bit tough, but they teach you hard work and discipline.”
- “My classes are harder than any other year. However, the science classes are the most interesting.”
- “My classes are super fun, and the professors at RV are great.”
- “The work is hard, but in the end, it's worth it.”
- “Junior year definitely feels more challenging than sophomore and freshman years, but time management is key. Making sure you are on top of your work and being motivated is important.”

# Academics: What are the Seniors Saying?



- “Some of them are going to be pretty darn hard (especially starting junior year with chem). Keep your head up and keep pushing through.”
- “It is without a doubt that the classes I am currently taking in the Academy are difficult but in a good way. The classes are challenging and require you to think critically of the problems. Professors are always available for help, but the majority of the weight of the class falls on you doing the readings and coming to class prepared to ask questions on the topics you find difficult. Time management is a major component in all grades, but especially in Junior and Senior years. Writing this in the beginning of senior year as the college application deadline quickly approaches, taking control of your classes and everything else you have going on is absolutely necessary to pass senior year and write amazing college essays and get into the college of your dreams.”

# Advice: What Do Current Academy Students Say?



- “ Use the RVCC resources to your advantage. Free tutoring and assistance is always available.”
- “You all might start out as strangers, but academy is about the academics, but through that you learn to make memories with a group of friends, and being in the academy is like having another family.”
- “Don't procrastinate, and don't stress too much. One bad grade won't decide your future. Studying at the last minute is the least effective way to study, especially for bio and anatomy.”
- “Have fun and always look at the positive side of things.”
- “Everything you do doesn't need to boost your resume. Find something that you like to do and keep at it! “
- “Don't be afraid to ask your teachers (or even your friends if they know what they're doing) for help.”

Questions?

