

Bright Futures Academy Magnet Program

Honors Math/Science/Technology

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Pre- IB Program

Dwyer Finance

The Academy of Finance is designed to give high school students an opportunity to learn about and prepare for college or careers in business and finance. Emphasis is placed on a college preparatory curriculum that is directly linked to the financial world. Students participate in mentorships, career shadowing and internship programs that link the resources of business, economics and finance to education and to the students. Specialized courses in finance are required. The Academy of Finance is a model program established to promote educational excellence by the National Academy Foundation. **All students applying to these programs must meet the following eligibility criteria: 2.5 GPA. Additionally 3 favorable teacher recommendations are required.**

Suncoast & Dwyer International Baccalaureate (IB)

The International Baccalaureate (IB) Diploma Programme is a two year liberal arts curriculum designed to meet the needs of the highly motivated and academically talented student and at the same time, promote international understanding. Due to its rigorous nature, preparation for the IB program is offered through the IB Middle Years curriculum in the 9th and 10th grade and/or through other accelerated curriculum. The IB diploma is recognized internationally and leads to advanced standing in universities throughout the United States. **All students applying to these programs must meet the following eligibility criteria: 3.0 Academic GPA, Algebra I and Spanish or French for High School credit recommended. Additionally 3 favorable teacher recommendations are required.**

Suncoast Math, Science, Engineering Program (MSE)

The MSE Program is designed to meet the needs of highly talented students wishing to pursue an accelerated curriculum with emphasis on mathematics, science, and engineering. The academic background provided will allow MSE graduates to be highly competitive in colleges and universities recognized as exemplary in the fields of mathematics, engineering, medicine, oceanography, physics, chemistry, biomedicine, and aeronautics. MSE graduates typically earn between one and two years of college credit.

MSE students take Pre-Calculus, Advanced Placement (AP) Calculus, Calculus II, Calculus III, Differential Equations, and Matrix Theory; the last four classes are dual-enrolled at local universities and earn both high school and college credit. Students participate in scientific research, take introductory courses in mechanical, civil, and electrical engineering, and participate in two, three-week long summer institutes that focus on state-of-the-art engineering practices, for which they earn college credit. In addition, students sit for AP Exams in Physics, Chemistry, Biology, Statistics, Calculus and several liberal arts related subjects of their choosing. A special diploma is awarded to students who successfully complete the MSE Program. **All students applying to MSE must meet the following criteria: 3.0 Academic GPA. Algebra I & II Honors and Geometry Honors required. Additionally 3 favorable teacher recommendations are required.**

Bright Futures Academy Honors Math/Science- Pre-IB Program

Academic Program

Only students scoring a 3-5 on the FCAT math assessment will be permitted to take the courses required for this program. Students are required to take Advanced Math and Spanish to meet the entrance requirements for this program. The following courses are offered these students.

Alg. I Honors, Geometry I Honors, Alg. II Honors; Spanish Beg., Spanish Int. Spanish Adv. and Spanish 1 for High School Credit; Adv. World Cultures, and Adv. World History; Information Technology, Computer Programming.