

Nolan Middle School eSTEAM Academy

(EXPERTISE in SCIENCE, TECHNOLOGY, ENGINEERING, ARTS and MATH)

Nolan Middle School Academy Mission Statement:

The mission of Nolan Middle School's expertise in Science, Technology, Engineering, Arts, and Mathematics (eSTEAM) Academy is to create self-reliant 21st century innovators through the use of technology, leadership and academic excellence to support student career, college and future choices and the motivation to thrive in an ever-changing technological world.

GOALS:

1. Establish Nolan Middle School as an Industry Certification Academy to help prepare students for high school, college and career choices.
2. Nolan Middle School will offer students the opportunity to take courses to become Industry Certified within the following areas:
 - a. Adobe CS 6
 - b. Microsoft Office
 - c. SolidWORKs

We will explore the feasibility of implementation of the following certification areas by 2015:

- e. *Agriculture-Tech
 - f. *Health Tec
 - g. *Personal Trainer
3. Hire an additional CTE unit to support the growth of industry certifications.
 4. Increase student attendance and participation in career activities.
 5. A 5% increase in the number of students achieving Industry Certification is expected each year. This will encourage students' continuous participation in feeder high school career academies.

Three Year Plan:

Year 1: Planning Year

1. Nolan Middle School will create an Industry Certification Academy site based Team. Team members will meet with the District personnel to establish parameters for implementing an Industry Certification Academy.
2. An academy name will be established and anticipated industry certifications will be chosen.
3. Team members will meet once a month to discuss the applications and needed equipment for enhancing the academy program.
4. Systems will be put into place for student application process.

- a. Courses will align with college preparatory classes
 - b. Students will provide an electronic portfolio or website of completed unit work for future application to high school and colleges.
 - c. Courses will easily transfer to feeder high school programs for advanced opportunities.
5. Course codes will be assigned and a master schedule will be created.
 6. Staff division and academy class creation will be decided based on available allocations.
 7. A newsletter report format will be created and posted to the school website.
 8. Systems will be put in place for gathering baseline data on student attendance and GPA.
 9. Career fairs, speakers, mentoring and internship opportunities will be offered.
 10. Space, software and equipment orders will be completed by May.
 11. Student academy recruitment and information will be completed by March 2013.
 12. Teachers will become certified as instructors by August 2013.
 13. Applications of students will be completed by April 2013.
 14. Create an academy plan to flow with feeder high school academies.
 15. Base-line data will be gathered for comparison purposes.

Year 2

1. Students will be chosen from application process. Some consideration will be in place for new students to be eligible for application.
2. Academy Team members will meet once a month for assessment and monitoring. An agenda of the meeting with notes will be documented.
3. Academy Team members will meet at least twice a year with District personnel.
4. Academy Team members will meet with high school feeders to assist with student academy progress.
5. An internet / technology café will open for student use.
6. A newsletter of Academy activities will be posted to the website.
7. Students will be tested in April 2014 for Academy Certification.
8. Students will present their Academy projects and one student will be chosen to present at all three end of year award ceremonies.
9. Students will be required to intern, attend a meeting, business or other focus-site which uses their area of academy career certification. This will help prepare students for college and careers
10. An academy pamphlet will be created as a marketing tool.
11. Business partnerships will be developed to support academy programs.
12. Create a Master schedule to support academy scheduling.
13. Student's schedules will be created to continue to experience academy courses in 3 out of 7 classes.
14. A "Night at the Academy" will be hosted by academy students to enhance teacher and adult learning.
15. Academy students will work with faculty to create moodles, tweets and other such technology projects, to further campus staff development.
16. Academy will consist of at least two academic teachers and one to two (dependent on allocations) vocational teachers.

21. Career academy team members will consist of vocational and academic core teachers, administrator, guidance counselor, bookkeeper, registrar as well as student, parent, district, feeder high school and business partners as applicable.
22. A list of supplies and equipment and funds will be maintained by the bookkeeper in an academy account.
23. An end of the year survey will be available to gather data for continuous growth.
24. The number of student academy certifications should increase by 5% or greater. This data will be compared year to year.
25. A list of supplies and equipment and funds will be maintained by the bookkeeper in an academy account.
26. Academy teachers will continue to become certified, as academy instructors as programs are changed or added.
27. Academy teacher's lesson plans will include academy units, technology, lessons and accommodations for greater student success.
28. Academy records and documentation of meetings and data will be kept in either a technological or paper notebook. Academy documentation will be made available for review by district or other applicable personnel.

Course Listing:

MIDDLE SCHOOL COURSES THAT MAY APPLY

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- **6th Grade:**
- 0600010 Exploratory Wheel - 1st semester
- 8600010 Introduction to Technology - 2nd semester
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- **7th Grade:**
- 8600220 - Exploring Technology & Career Planning (Tech Leadership)
- 8600042 - Exploration of Production Technology & Career Planning (Tech Building)
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- **8th Grade:**
- 8600220 - Exploring Technology & Career Planning (Tech Leadership)
- 8600042 - Exploration of Production Technology & Career Planning (Tech Building)
- 8600570 - Engineering Technology I - Full Year (High School Dual Enrolled students)

Anticipated Industry Certifications:

- a. Adobe CS 6
 - b. Microsoft Office
 - c. SolidWORKS
- We will explore the feasibility of implementation of the following certification areas by 2015:
- e. *Agriculture-Tech
 - f. *Health Tech
 - g. *Personal Trainer

17. Student attendance records will be kept and compared.
18. A list of supplies and equipment and funds will be maintained by the bookkeeper in an academy account.
19. Academy teachers will continue to become certified as academy instructors.
20. Academy teacher's lesson plans will include academy units, technology, lessons and accommodations for greater student success.

Year 3

1. Concentrate allocations on academy support for teacher hire.
2. Compare pertinent data from year two and three.
3. Continue to use a re-vamp application process. Changes will be put in place for students to apply based on recommendations of academy team.
4. Academy Team members will meet once a month for assessment and monitoring. An agenda of the meeting with notes will be submitted to the District.
5. Academy Team members will meet at least twice a year with District personnel.
6. Academy Team members will meet with high school feeders to assist with student academy progress.
7. Students will present their Academy projects and one student will be chosen to present at all three end of year award ceremonies.
8. Students will be required to intern or attend a meeting, business or other focus site which uses their area of certification. This will help prepare students for college and careers.
9. Student attendance records will be kept and compared to previous years.
10. An academy pamphlet will be reviewed and updated annually to be used as a marketing tool.
11. Business partnerships will continue to be developed to support academy programs.
12. Maintain a Master schedule to support academy scheduling.
13. Student's schedules will be created to continue to experience academy courses, in 3 or greater, out of 7 classes.
14. A "Night at the Academy" will continue to be hosted by academy students to enhance teacher and adult learning.
15. Academy students will work with faculty to create moodles, tweets and other such technology projects, to further staff development.
16. The career academy will begin with two academic teachers and one to two (dependent on allocations) vocational teachers.
17. Academy programs will be grown with hopes of adding units such as Agriculture, Health and Physical Education or other such programs.
18. Reach out to career academy support organizations for ideas and enhancements.
19. Students will meet with a counselor to make choices for high school and future college and career pathways.
20. Career academy team members will be listed on website and in personal email, classroom and printed material.



Nolan Middle School Application for Industry Certification Academy

eSTEAM

Excellence in Science, Technology, Engineering, Arts and Mathematics

Student Name: _____

Grade: _____

Age: _____

Address: _____

Phone - Home: _____ Cell: _____ Email : _____

Parent / Guardian Name: _____

Please circle below which specialization you wish to concentrate in as an eSTEAM academy student:

Graphic Arts (Adobe Products) Engineering (Solid Works)

Please write in one paragraph or more (no more than 5) explaining why you wish to join the Nolan Middle School Industry Certification Academy. Please attach this to your completed application.

Please fill out a school choice form (attached).

Please attach a copy of your last report card.

Please write your name on each slip (4x). Cut out the slips and hand the below slips to your four academic teachers. Teachers will sign, authorizing their recommendation for you to join the Nolan eSTEAM Academy and return slip to Ms. Cornwell.

-----Cut-----

eSTEAM APPLICATION RECOMMENDATION

Student Name: _____

I Recommend _____ I Do Not Recommend _____

Math Teacher's Signature

***Teachers: Please return the signed slip to Ms. Cornwell**

eSTEAM APPLICATION RECOMMENDATION

Student Name: _____

I Recommend _____ I Do Not Recommend _____

Language Arts Teacher's Signature

***Teachers: Please return the signed slip to Ms. Cornwell**

-----Cut-----

eSTEAM APPLICATION RECOMMENDATION

Student Name: _____

I Recommend _____ I Do Not Recommend _____

Science Teacher's Signature

***Teachers: Please return the signed slip to Ms. Cornwell**

eSTEAM APPLICATION RECOMMENDATION

Student Name: _____

I Recommend _____ I Do Not Recommend _____

History Teacher's Signature

***Teachers: Please return the signed slip to Ms. Cornwell**

ID: _____



School District of Manatee County Open Enrollment/ Choice Application for 2013/14 Middle School



Choice Application Period – January 22nd – February 8th
Nolan Middle School eSTEAM Academy – For Students Entering 8th Grade

Part 1: Student Information – If new to district must present certified birth certificate

(Student Name) Last First Middle

(DOB) (Grade in 2013/2014) (School Attended in 2012-13)

(Home Address) Street City Zip

(Mailing Address) Street City Zip

Is student of Hispanic, Latino or Spanish origin? Yes No
Ethnicity: Black or African American White Asian
 Native Hawaiian or Pacific Islander American Indian or Alaskan Native

Part 2: Parent Information – Enrolling parent of record must sign Choice form

(Enrolling Parent) Last First Middle

(Home Phone) (Work Phone) (Emergency Phone)

Part 3: School Choice Option

Nolan Middle School of eSTEAM Academy

Part 4: Special Consideration – Check if appropriate

- Student's Brother/Sister Already Attending the Choice School Requested
Name of Brother/Sister _____ DOB _____
- Student's Parent/Guardian Employed by School District.
Name of Parent/Guardian _____
- I also have a Brother/Sister applying for Choice to attend this same school.

(Names) (Dates of Birth)

Part 5: Enrolling Parent must read and agree to parental commitment

Check Boxes and Sign:

- I am committed to supporting the school I have selected.
- I am committed to fulfilling the school's parental requirements.
- I have visited the school site.
- I understand that special permission to attend the school may be revoked due to attendance, punctuality, or behavior issues.

(Signature of Enrolling Parent)

STATE OF FLORIDA / COUNTY OF MANATEE,

SUBSCRIBED TO AND SWORN TO BEFORE ME ON _____, 2013, WHO PERSONALLY APPEARED BEFORE ME, OR IS PERSONALLY KNOWN TO ME, AND HAS PRODUCED _____ AS IDENTIFICATION.

(Notary Public)

(Notary Seal)

All Academy applications must be brought/mailed to:
NOLAN MIDDLE

- If applying to attend a middle school academy, this choice form must be submitted to Nolan Middle School with a completed Academy Packet

General Choice Information

- Any incoming Kindergarten student or student not currently enrolled in Manatee County public schools wishing to apply for Open Enrollment Choice must present a certified birth certificate as proof of age eligibility.
- A student's zoned school is the school in the boundary area based on the geographical location of the parent/guardian's home address. A student's Choice school is the one for which he has applied to attend outside of the boundary area.
- Completing an application for Open Enrollment does not guarantee assignment to a Choice School. Completing an application for AYP does guarantee assignment to a designated choice school.
- Applications for School Choice will be considered based on school capacity, the student's proximity to the Choice School, and on other race-neutral factors.
- Students may choose a school only once a year and are expected to complete at least one school year at the school they have chosen.
- Students may apply to cross clusters or regions to attend any Magnet School – transportation is not provided outside of cluster or region unless school designates district wide transportation.
- Additional information pertaining to the District's Choice initiative is available at the Parent Information Center or online at: www.manateeschools.net
- To be eligible for transportation, I understand that I must live more than two miles away from my Choice School and not in any restricted outlying area as indicated by the School Choice Program Office. Transportation is not available for High School students except for the IB program.

For Additional Information or Forms:
The Parent Information Center (PIC)
234 Manatee Avenue East (941-708-4971)
www.manateeschools.net

