

Application
for
Enloe's
Medical
Bioscience
Academy



For 9th and 10th graders only. Due by Dec 14th.

Dear Candidate,

You have decided to embark upon an incredible and exciting mission! The Medical and Bioscience Academy will provide you with an academic foundation and technical skills that will enable you to continue your education beyond high school and obtain employment leading to a desirable health related career.

The MBSA involves a curriculum that integrates technical skills and terminology for health-related occupations with core academic courses. Through the academy you will also learn skills such as communication, professionalism, legal responsibility, ethics, safety practices, and interpersonal dynamics.

Included in this packet are the required course of study for the Medical and Bioscience Academy, the application form, the student agreement form, and the teachers' recommendation forms. Please be aware that there are only 25 spaces for rising freshmen. Please email me at dmassengill@wcpss.net if you have any questions. Please complete the materials below by **December 14, 2009** and return to:

Debbie Massengill
MBSA Coordinator
Enloe High School
128 Clarendon Crescent
Raleigh, NC 27610

Application Checklist ()

- () Student Application form
- () Student Agreement form
- () Signed Essay
- () Teachers recommendation forms (2) *

* Teacher recommendation forms must be placed in sealed envelopes with the teacher's signature on the back seal. One of the recommendations must be from a science or math teacher.

Enloe High School Medical Bioscience
Application Form
Please Print Neatly

Name _____ NC Wise # _____

Street Address _____

City, State _____ Zip Code _____

Home Phone Number _____

E- Mail Address _____

Parent / Guardian _____

Parent Work Phone # _____

What grade are you in? _____

Number of Absences: 1st Quarter _____

2nd Quarter _____

3rd Quarter _____

4th Quarter _____

Current Schedule

Period	Course	Teacher
1		
2		
3		
4		
5		
6		
7		
8		

If you have more then 3 absences per quarter, please explain why.

Extracurricular Activities:

Medical Field of Interest:

On a separate sheet of paper, write an essay explaining why you want to be considered for the Medical and Bioscience Academy at Enloe. Have your parent sign this essay.

Medical and Bioscience Academy Agreement Form

I, _____ (student), understand that to be accepted into the Medical and Bioscience Academy, I am agreeing to a commitment to the program. My long-term goal is to be employed in one of the medical sciences. I also agree to the following conditions.

1. To uphold the standards of the program during the next ___ years of high school in school as well as in any clinical experience.
2. To maintain a good attitude and follow the honor code in the academy classes as well as other classes.
3. To contact the coordinator in case of any problems related to school and especially in the academy classes.
4. To complete 120 hours of community service before graduation. At least **30 hours** have to be turned in each year. At least **10 hours** have to be from MBSA community health projects **each year**.
5. To adhere to the required course of study.
6. To be regular in school. (No more than 5 absences per semester. This includes excused and unexcused. Skipping class is grounds for dismissal.)
7. To maintain at least a 2.5 un-weighted GPA. No more than 2 grades below a C are allowed each semester.
8. To attend special classes, meetings, or conferences that may be necessary to assure my success in the Academy. At least 80% attendance of the meetings is required. (See below for more info)
9. To participate in MBSA Projects. (Each project will have set requirements that if not followed will warrant removal.) (See below for more info)
10. To become CPR certified at least once during my time in the academy.
11. To job shadow during the junior and senior year. (See below for more info)
12. To complete a 90 hour internship . (See below for more info)
13. To understand that should I not meet the above requirements, I will lose my place in the Academy.
14. To understand that suspension or an administrative referral is considered a serious offense and will be considered grounds for removal.

_____ (Student Signature)

As a parent/guardian of the above student, I agree to be supportive of my son/daughter as he/she pursues a career in the medical sciences.

_____ (Parent Signature)

This is a more detailed list of the projects and field trip that you are expected to go on at each grade level.

Mandatory Field Trips

Rex Hospital Tour: Needs to be attended at least one year after joining
Wake Tech Tour (Limited spots each year so seniors have 1st priority)

9th graders

Project: Health career puppet show at Fuller (4 in-house hours)

- ✓ Required to write short paper and script
- ✓ Attend training session
- ✓ Attend Science day at Fuller

10 in-house hours and 1 S project

10th graders

Project: Health Fair (4 in-house hours) :

- ✓ Required to meet all deadlines for prizes, boards, games
- ✓ Required to attend health fair meetings
- ✓ Required to go at least once to the health fair

10 in-house hours and 1 S project

11th Graders

Project: Health Fair (4 in-house hours) :

- ✓ Required to meet all deadlines for prizes, boards, games
- ✓ Required to attend health fair meetings
- ✓ Required to go at least once to the health fair

10 in-house hours and 1 S project

Job Shadowing

- ✓ Fill out required paperwork on time
- ✓ Show up at designated location and behave professionally.

12th graders

Project: Wake Assisted Living (4 in house hours)

- ✓ Attend planning meetings and fill out required paperwork on time
- ✓ Each person has to go 2 times to the assisted living center to do a planned activity.
- ✓ Turn in signed sheets

Job Shadowing (Required for class of 2009, Optional for classes 2010 +)

- ✓ Fill out required paperwork on time
- ✓ Show up at designated location and behave professionally.

Internship (Optional for class of 2009, Required for all subsequent classes)

- ✓ At least 90 hours
- ✓ Have to turn in paperwork prior to starting and meeting all internship requirements.

CPR Certification and all hours have to be turned in before April 1

Seniors who do have not met all of the requirements by April 1st do not graduate with mbsa standing.

Medical Bioscience Academy Curriculum

For those entering the academy in 2008

LANGUAGE (6 credits required)

English 9-12 (4 credits)

Second Language (2 credits; Spanish preferred)

MATH (4 credits required)

At least Algebra I, Geometry, Algebra II, and 1 additional higher level math

SCIENCE (4 out of the 5 required; any level is acceptable)

Biology, Anatomy, Chemistry, Earth/Environmental Science, Physics

SOCIAL STUDIES (3 credits required)

Civics and Economics, World History, U.S. History

HEALTH & PHYSICAL EDUCATION (1 credit required)

10 th grade :MEDICAL BIOSCIENCE ACADEMY REQUIREMENT (1 credit)

Allied Health Sciences I

11 th grade :MEDICAL BIOSCIENCE ACADEMY REQUIREMENT (1 credit)

Medical Science

12 th grade :MEDICAL BIOSCIENCE ACADEMY REQUIREMENT (1 credit)

Adv. Health studies or Wake tech health science class

11th or 12th grade: This can be done in the summer.

Health occupation internship credit (90 hours)

MBSA ELECTIVES (1 credit required) Courses cannot be used for more than one category! If a course is used to fit an above category, it cannot be used here.

Food Science, EMT (seniors only), Physics (any level), Certified Nursing Assistant, Research, Microbiology (.5), Human Diseases (.5), Animal Behavior (.5), AP Chemistry, AP Biology, Genetics (.5), Animal Behavior (.5), Anatomy, MLT, Dental Assisting, Medical Assisting, and Sports med 1-4

OTHER ELECTIVES (1 credit required)

SAT Prep, Psychology and Literature, Child Development, College Writing, AP Statistics, Computer Applications, CPR and First Aid, Sociology, Public Speaking, Computer Science, AP Psychology, Physical Education Elective, Visual or performing Arts, Digital communications, and small business entrepreneurship

Medical and Bioscience Academy Teacher Recommendation Form

_____ is applying to Enloe's Medical Academy. The Academy student is expected to be an average to above average student with an interest in a medical science field as a career. Please rate him/her to the best of your knowledge.

How long have you known the student? _____

In what capacity do you know the student? _____

	Below Average	Average	Above Average	Superior
Attendance				
Punctuality to class				
Oral/Written communication				
Honesty				
Dependability				
Initiative				
Positive Attitude				
Responsible				
Self- Motivated				
Shows Respect				
Eager to Learn				
Leadership				

Please attach comments about this student that will allow us to know him or her better.

Teacher Name _____ Teacher Signature _____

Please place this in a sealed envelope, sign the back, and return to the student

Medical and Bioscience Academy Teacher Recommendation Form

_____ is applying to Enloe’s Medical Academy. The Academy student is expected to be an average to above average student with an interest in a medical science field as a career. Please rate him/her to the best of your knowledge.

How long have you known the student? _____
 In what capacity do you know the student? _____

	Below Average	Average	Above Average	Superior
Attendance				
Punctuality to class				
Oral/Written communication				
Honesty				
Dependability				
Initiative				
Positive Attitude				
Responsible				
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Shows Respect				
Eager to Learn				
Leadership				

Please attach comments about this student that will allow us to know him or her better.

Teacher Name _____

Teacher Signature _____

Please place this in a sealed envelope, sign the back, and return to the student