

# NAF Academy of Health Sciences and HOSA Competitive Events Program Crosswalks



## **HOSA – Future Health Professionals**

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## Introduction

**HOSA–Future Health Professionals** is the largest student organization operating in schools for students enrolled in health science and biomedical science programs and those interested in pursuing careers in health professions. This professional student-led organization works closely with local and association leaders to build a pipeline to attract qualified students to the health industry. HOSA's purpose is to develop leadership and technical skill competencies through a program of motivation, awareness and recognition, which is an integral part of the instructional program. HOSA members develop, practice and refine their academic, technical, leadership, and teamwork skills to achieve seamless transition from education to careers.

**NAF's Academy of Health Sciences** brings industry-validated, career-focused curriculum and work-based learning experiences to high school students in nearly 100 high school career academies across the country. In 2011, NAF launched the Academy of Health Sciences (AOHS) in order to address the stark need for better prepared and trained healthcare professionals. The curriculum introduces students to health career possibilities through a series of career exploration courses. All courses use project-based learning techniques with an emphasis on strengthening literacy, project management, leadership, and team building skills while fostering creativity and innovation. The curricula is vetted by industry professionals to ensure content is current and relevant.

NAF Academy of Health Sciences courses include:

- Health Careers Exploration
- Foundations of Anatomy and Physiology 1 & 2
- Biotechnology, and
- Global Health.

NAF ([www.naf.org](http://www.naf.org)) partners with Project Lead The Way (PLTW ([www.pltw.org](http://www.pltw.org))) and Paxton/Patterson ([www.paxtonpatterson.com](http://www.paxtonpatterson.com)) to offer supplemental curriculum options for Academies of Health Sciences at an added cost. The PLTW Biomedical Science program offers courses in Principles of Biomedical Science, Human Body Systems, Medical Interventions, and Biomedical Innovation. The Paxton/Patterson Health Science Education curriculum offers a variety of integrated units including: Biomedical Engineering, Biotechnology R&D, Clinical Lab Practices, Dentistry, Emergency Medical Technician, Environmental Health & Safety, Forensics, Health Information Management, Medical Imaging, Mental Health, Nursing, Ophthalmology, Pharmacology, Speech Therapy, Sports Medicine, Therapeutic Services, and Veterinary Medicine. Academies may offer specialized courses, state-level certifications, special projects, or early college programs.

In addition to studying career-focused curricula and working on collaborative projects, AOHS students gain critical career knowledge through a series of work-based learning activities both inside and outside of the classroom including job shadowing events, mock interviews, résumé writing workshops, and the culminating experience—a paid internship. Business partners work with educators to provide these opportunities. By serving on advisory boards and as mentors,

business partners provide a real world connection that helps students understand the pathways to career success.

NAFTrack Certification, NAF's student certification assessment system, validates successful course completion, projects, and internships. By receiving a passing score on end-of-course exams and satisfactory scores on culminating project and internship assessments, students earn NAFTrack Certification - signifying to postsecondary institutions and employers they are both college and career ready. With this credential, graduates can benefit from NAFTrack Certified Hiring, a new initiative with some of America's top companies that gives special consideration to these graduates for job opportunities and other career support. Additionally, select AP, IB, Cisco, and dual enrollment courses or third party curricula qualify for NAFTrack Certification.

**HOSA–Future Health Professionals** and **NAF's Academy of Health Sciences** are vested in a partnership to provide a variety of strategies to enhance student engagement and learning. This resource provides a customized crosswalk of the NAF AOHS courses to the HOSA Competitive Events Program. Each gray shaded box in the following crosswalk indicates a connection between content in a particular NAF course lesson and indicates an opportunity to include and reinforce knowledge and skills needed for successful preparation for specific HOSA competitive events. Competitive events are designed to provide a system for recognizing competencies developed through classroom instruction, related job training and HOSA related activities. Professionals from the health community appropriate to each event evaluate individual members and teams, according to set standards of performance. This program is constantly expanding and improving through a series of health related competitive events.

Competition within a chartered association is held each spring to identify members eligible to advance to the HOSA International Leadership Conference held annually in June. Members participate in regional, chartered association, and international conferences and meet HOSA members and health professionals from across the state, nation and beyond. HOSA competitors are immediately recognized as professionals in training interested in pursuing careers in the health professions. The real benefit of the competitive events program is realized when students prepare for competition. Members gain confidence in their abilities when they improve their skills in preparation and practice and can transfer this learning to other settings.

Events are offered in six categories:

- Health Science
- Health Professions
- Emergency Preparedness
- Leadership
- Teamwork
- Recognition

*In the listing of events by category, there are four very special competitive events designated by an asterisk (\*) for those classified as special needs students with individualized education plans.*



## Health Careers and HOSA Competitive Events Crosswalk

<b>HOSA Competitive Events</b>	Health Careers																
	Unit 1			Unit 2			Unit 3			Unit 4			Unit 5			Unit 6	
	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Lesson 7	Lesson 8	Lesson 9	Lesson 10	Lesson 11	Lesson 12	Lesson 13	Lesson 14	Lesson 15	Lesson 16	
Health Science																	
Behavioral Health																	
Cultural Diversities & Disparities																	
Dental Terminology																	
Health Informatics																	
Human Growth and Development																	
Medical Law and Ethics																	
Medical Math																	
Medical Reading																	
Medical Spelling																	
Medical Terminology																	
Nutrition																	
Pathophysiology																	
Pharmacology																	

Health Professions																
Biotechnology																
Clinical Laboratory Science																
Clinical Nursing																
Clinical Specialty																
Dental Science																
Family Medicine Physician																
Home Health Aide																
Medical Assisting																
Nursing Assisting																
*Personal Care																
Pharmacy Science																
Physical Therapy																
Sports Medicine																
Veterinary Science																

Emergency Preparedness																		
CERT Skills																		
CPR/First Aid																		
EMT																		
Epidemiology																		
*Life Support Skills																		
Mental Health Promotion																		
MRC Partnership																		
Public Health																		
Leadership																		
Extemporaneous Writing																		
Healthy Lifestyle																		
*Interviewing Skills																		
Job Seeking Skills																		
Health Career Photography																		
Organizational Leadership																		
Prepared Speaking																		
Research Poster																		
Researched Persuasive Writing and Speaking																		
*Speaking Skills																		
Teamwork																		
Biomedical Debate																		
Community Awareness																		
Creative Problem Solving																		
Forensic Science																		
Health Career Display																		

Health Education																	
HOSA Bowl																	
Medical Innovation																	
Parliamentary Procedure																	
Public Service Announcement																	
Recognition																	
Barbara James Service Award																	
Health Care Issues Exam																	
HOSA Happenings																	
HOSA Service Project																	
Outstanding HOSA Achievement																	
Outstanding HOSA Leader																	





## Anatomy & Physiology 1 and HOSA Competitive Events Crosswalk

HOSA Competitive Events	Anatomy & Physiology 1												
	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Lesson 7 Midterm	Lesson 8	Lesson 9	Lesson 10	Lesson 11	Lesson 12	Lesson 13
Health Science													
Behavioral Health													
Cultural Diversities & Disparities													
Dental Terminology													
Health Informatics													
Human Growth & Development													
Medical Law & Ethics													
Medical Math													
Medical Reading													
Medical Spelling													
Medical Terminology													
Medical Reading													
Nutrition													
Pathophysiology													
Pharmacology													
Health Professions													
Biotechnology													



## Anatomy & Physiology 1 and HOSA Competitive Events Crosswalk

<b>HOSA Competitive Events</b>	<b>Anatomy &amp; Physiology 1</b>												
	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Lesson 7 Midterm	Lesson 8	Lesson 9	Lesson 10	Lesson 11	Lesson 12	Lesson 13
Clinical Laboratory Science													
Clinical Nursing													
Clinical Specialty													
Dental Science													
Family Medicine Physician													
Home Health Aide													
Medical Assisting													
Nursing Assisting													
*Personal Care													
Pharmacy Science													
Physical Therapy													
Sports Medicine													
Veterinary Science													
Emergency Preparedness													
CERT Skills													
CPR/First Aid													



## Anatomy & Physiology 1 and HOSA Competitive Events Crosswalk

<b>HOSA Competitive Events</b>	<b>Anatomy &amp; Physiology 1</b>												
	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Lesson 7 Midterm	Lesson 8	Lesson 9	Lesson 10	Lesson 11	Lesson 12	Lesson 13
EMT													
Epidemiology													
*Life Support Skills													
Mental Health Promotion													
MRC Partnership													
Public Health													
Leadership													
Extemporaneous Writing													
Healthy Lifestyle													
*Interviewing Skills													
Job Seeking Skills													
Health Career Photography													
Organizational Leadership													
Prepared Speaking													
Research Poster													
Researched Persuasive Writing and Speaking													



## Anatomy & Physiology 1 and HOSA Competitive Events Crosswalk

<b>HOSA Competitive Events</b>	<b>Anatomy &amp; Physiology 1</b>												
	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Lesson 7 Midterm	Lesson 8	Lesson 9	Lesson 10	Lesson 11	Lesson 12	Lesson 13
*Speaking Skills													
Teamwork													
Biomedical Debate													
Community Awareness													
Creative Problem Solving													
Forensic Science													
Health Career Display													
Health Education													
HOSA Bowl													
Medical Innovation													
Parliamentary Procedure													
Public Service Announcement													

Recognition													
Barbara James Service Award													
Health Care Issues Exam													
HOSA Happenings													
HOSA Service Project													
Outstanding HOSA Achievement													
Outstanding HOSA Leader													



## Anatomy & Physiology 2 and HOSA Competitive Events Crosswalk

HOSA Competitive Events	Anatomy & Physiology 2									
	Lesson 14	Lesson 15	Lesson 16	Lesson 17 Midterm	Lesson 18	Lesson 19	Lesson 20	Lesson 21	Lesson 22 FINAL	
Health Science										
Behavioral Health										
Cultural Diversities & Disparities										
Dental Terminology										
Health Informatics										
Human Growth & Development										
Medical Law & Ethics										
Medical Math										
Medical Reading										
Medical Spelling										
Medical Terminology										
Nutrition										
Pathophysiology										
Pharmacology										

<b>Health Professions</b>									
Biotechnology									
Clinical Laboratory Science									
Clinical Nursing									
Clinical Specialty									
Dental Science									
Family Medicine Physician									
Home Health Aide									
Medical Assisting									
Nursing Assisting									
*Personal Care									
Pharmacy Science									
Physical Therapy									
Sports Medicine									
Veterinary Science									
<b>Emergency Preparedness</b>									
CERT Skills									
CPR/First Aid									
EMT									

<b>Emergency Preparedness</b>									
Epidemiology									
*Life Support Skills									
Mental Health Promotion									
MRC Partnership									
Public Health									
<b>Leadership</b>									
Extemporaneous Writing									
Healthy Lifestyle									
*Interviewing Skills									
Job Seeking Skills									
Health Career Photography									
Organizational Leadership									
Prepared Speaking									
Research Poster									
Researched Persuasive Writing and Speaking									
*Speaking Skills									



<b>Teamwork</b>									
Biomedical Debate									
Community Awareness									
Creative Problem Solving									
Forensic Science									
Health Career Display									
Health Education									
HOSA Bowl									
Medical Innovation									
Parliamentary Procedure									
Public Service Announcement									
<b>Recognition</b>									
Barbara James Service Award									
Health Care Issues Exam									
HOSA Happenings									
HOSA Service Project									
Outstanding HOSA Achievement									
Outstanding HOSA Leader									



## Biotechnology and HOSA Competitive Events Crosswalk

HOSA Competitive Events	Biotechnology													
	Unit 1			Unit 2			Unit 3			Unit 4			Unit 5	
	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Lesson 7	Lesson 8	Lesson 9	Lesson 10	Lesson 11	Lesson 12		
Health Science														
Behavioral Health														
Cultural Diversities & Disparities														
Dental Terminology														
Health Informatics														
Human Growth & Development														
Medical Law & Ethics														
Medical Math														
Medical Reading														
Medical Spelling														
Medical Terminology														
Medical Reading														
Nutrition														
Pathophysiology														
Pharmacology														

Health Professions												
Biotechnology												
Clinical Laboratory Science												
Clinical Nursing												
Clinical Specialty												
Dental Science												
Family Medicine Physician												
Home Health Aide												
Medical Assisting												
Nursing Assisting												
*Personal Care												
Pharmacy Science												
Physical Therapy												
Sports Medicine												
Veterinarian Science												

<b>Emergency Preparedness</b>												
<b>CERT Skills</b>												
<b>CPR/First Aid</b>												
<b>EMT</b>												
<b>Epidemiology</b>												
<b>*Life Support Skills</b>												
<b>Mental Health Promotion</b>												
<b>MRC Partnership</b>												
<b>Public Health</b>												
<b>Leadership</b>												
<b>Extemporaneous Writing</b>												
<b>Healthy Lifestyle</b>												
<b>*Interviewing Skills</b>												
<b>Job Seeking Skills</b>												
<b>Health Career Photography</b>												
<b>Organizational Leadership</b>												
<b>Prepared Speaking</b>												
<b>Researched Persuasive Writing and Speaking</b>												

Research Poster												
*Speaking Skills												
<b>Teamwork</b>												
Biomedical Debate												
Community Awareness												
Creative Problem Solving												
Forensic Science												
Health Career Display												
Health Education												
HOSA Bowl												
Medical Innovation												
Parliamentary Procedure												
Public Service Announcement												
<b>Recognition</b>												
Barbara James Service Award												
Health Care Issues Exam												
HOSA Happenings												
HOSA Service Project												
Outstanding HOSA Achievement												
Outstanding HOSA Leader												



## Global Health and HOSA Competitive Events Crosswalk

HOSA Competitive Events	Global Health														
	Unit 1			Unit 2			Unit 3			Unit 4			Unit 5		
	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Lesson 7 Midterm	Lesson 8	Lesson 9	Lesson 10	Lesson 11	Lesson 12	Lesson 13	Lesson 14	Lesson 15
Health Science															
Behavioral Health															
Cultural Diversities & Disparities															
Dental Terminology															
Health Informatics															
Human Growth & Development															
Medical Law & Ethics															
Medical Math															
Medical Reading															
Medical Spelling															
Medical Terminology															
Nutrition															
Pathophysiology															
Pharmacology															

<b>Health Professions</b>															
Biotechnology															
Clinical Laboratory Science															
Clinical Nursing															
Clinical Specialty															
Dental Science															
Family Medicine Physician															
Home Health Aide															
Medical Assisting															
Nursing Assisting															
*Personal Care															
Pharmacy Science															
Physical Therapy															
Sports Medicine															
Veterinary Science															
<b>Emergency Preparedness</b>															
CERT Skills															
CPR/First Aid															
EMT															
Epidemiology															
*Life Support Skills															
Mental Health Promotion															
MRC Partnership															

Public Health															
Leadership															
Extemporaneous Writing															
Healthy Lifestyle															
*Interviewing Skills															
Job Seeking Skills															
Health Career Photography															
Organizational Leadership															
Prepared Speaking															
Research Poster															
Researched Persuasive Writing and Speaking															
*Speaking Skills															
Teamwork															
Biomedical Debate															
Community Awareness															
Creative Problem Solving															
Forensic Science															
Health Career Display															



Health Education															
HOSA Bowl															
Medical Innovation															
Parliamentary Procedure															
Public Service Announcement															
Recognition															
Barbara James Service Award															
Health Care Issues Exam															
HOSA Happenings															
HOSA Service Project															
HOSA Outstanding Achievement															
Outstanding HOSA Leader															

## HOSA–Future Health Professionals Competitive Events Link

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HOSA Handbook, Section B

**Event Guidelines.** Each guideline contains the following information:

- Purpose
- Description of Event
- Dress Code
- Rules and Procedures
- Test Plan
- Official Reference Materials
- Sample Test Questions—new test items or scenarios are developed annually

*Information on each of the events can be found at <https://hosa.org/guidelines/>*

**For additional information about HOSA and/or NAF please contact:**

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