

# HEALTH SCIENCE TECHNOLOGY EDUCATION

## 2002–2003 Snapshot

### Program Description

Health Science Technology Education is a secondary career education program for students who have a desire and interest to explore and pursue a career in health care. HSTE is based on:

- Essential knowledge and skills needed by health care providers
- Individual needs of students and postsecondary education requirements
- Leadership development, community service, and scholarship
- Community resources and strong industry partnerships

**Courses** Introduction to Health Science Technology # +

Health Science Technology I # +

Health Science Technology II # + ^

Health Science Technology III + ^

Scientific Research & Design \*\*

Anatomy & Physiology of Human Systems \*\*

Medical Microbiology \*\*

Pathophysiology \*\*

Medical Terminology +

Gerontology

Clinical Nutrition

Pharmacology

Mental Health

Health Science Technology Independent Study

# satisfies the Health requirement for graduation

- \*\* science credit course
- + Advanced Technical College Tech Prep courses
- ^ may satisfy the PE requirement for graduation

### **Enrollment**

- 47,525 students
- 35, 387 females
- 12, 148 males

### **Certifications Earned = 2344**

- Nurse Aide – 1896
- Emergency Medical Technician – 238
- Dental Radiography – 69
- Medical Assistant – 52

### **HSTE is offered**

- in 537 school districts
- on 771 campuses
- by 1,261 teachers

- Pharmacy Technician – 14
- Phlebotomy Technician – 51
- Licensed Vocational Nurse – 5
- Dental Assistant – 11
- Emergency Care Attendant – 7
- Massage Therapy - 1

### **Web sites**

- Curriculum - [www.texashste.com](http://www.texashste.com)
- TEA – [www.tea.state.tx.us/Cate/](http://www.tea.state.tx.us/Cate/)
- H.O.T. Jobs – [www.texashotjobs.org](http://www.texashotjobs.org)

### **For more information, contact**

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 Health Science Technology Education  
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### **HOSA**

Health Occupations Students of America (HOSA) is the student organization specifically for students enrolled in health science programs. It is an integral part of Health Science Technology Education. HOSA provides students with opportunities to attain knowledge, skills, and leadership qualities necessary for a career in health care.

- National Membership – 66,177
- State Membership - 12,023 (largest state association)
- 2003 HOSA dues - \$6 state + \$10 national

## **Competitive Events and Recognition**

Dental Spelling	Dental Terminology
Medical Spelling	Medical Terminology
Medical Mathematics	Concepts of Health Care
Human Growth & Development	Nutrition
Pathophysiology	Pharmacology
Administrative Medical Assisting	CPR/First Aid
Dental Assisting	Emergency Medical Technician
Medical Assisting – Clinical	Medical Laboratory Assisting
Nursing Assisting	Personal Care*
Rescue Breathing*	Physical Therapy
Sports Medicine	Veterinary Assisting
Clinical Specialty	Pharmacy Technician
Extemporaneous Health Poster	Extemporaneous Speak
Extemporaneous Writing	Interviewing Skills*
Job Seeking Skills	Prepared Speaking
Speaking Skills*	Researched Persuasive Speaking
Biomedical Debate	Community Awareness

Creative Problem Solving

Health Education

HOSA Bowl

Medical Reading

Parliamentary Procedure

Career Health Poster

Outstanding HOSA Chapter

Outstanding HOSA Member

National Recognition Program

National Healthcare Issues Exam

National Service Project

\* Events for students classified CTED under Public Law 102/119

### **Web sites**

- National HOSA – [www.hosa.org](http://www.hosa.org)
- Texas HOSA – [www.texashste.com](http://www.texashste.com)
- Awards Unlimited – [www.awardsunlimited.com](http://www.awardsunlimited.com)

### **Scholarships**

- \$14,000 in Area Scholarships awarded annually by Texas HOSA
- \$7,500 in State Scholarships awarded annually by Texas HOSA
- \$1,000 Sue Alder Scholarship awarded annually by Texas Health Occupations Association