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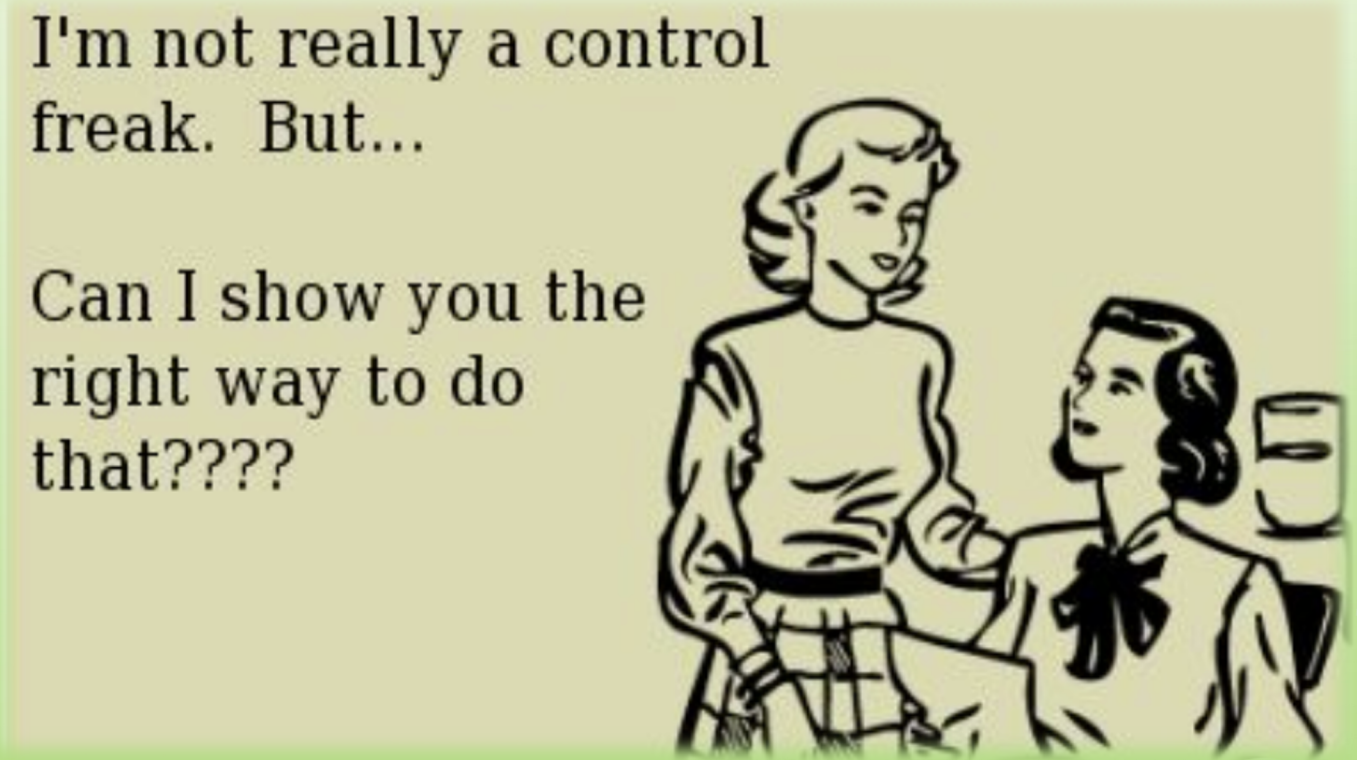
Being A Control Freak May Be Good for Your Health Science Program!



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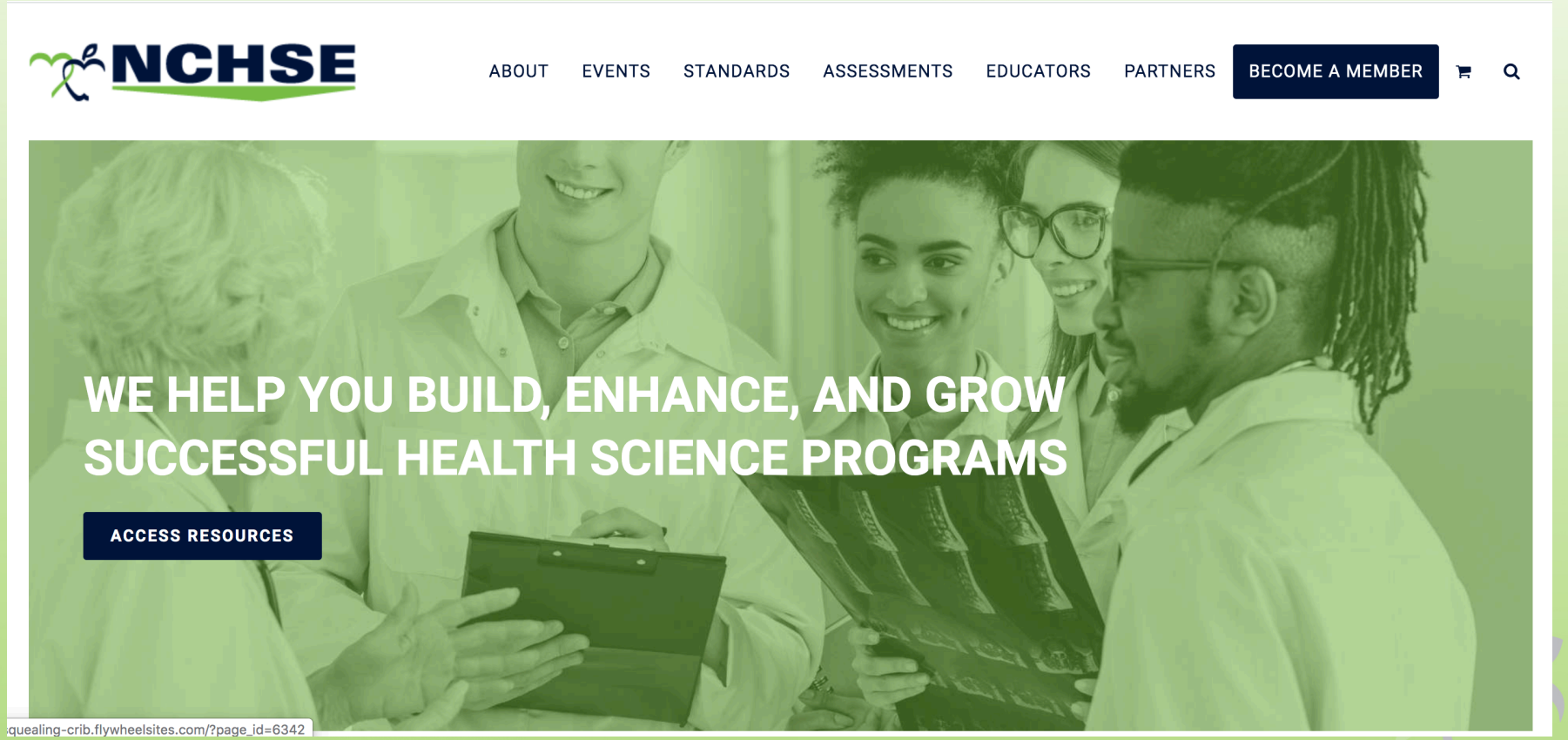
The National Authority for Health Science Education



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Lean on Us To Help You Deliver High Quality Health Science Education Programs!

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NCHSE VISION

NCHSE collaboratively defines and advances the framework of health science education.

How can NCHSE support classroom teachers?

- Confirming Your Curriculum Framework **(National Health Science Standards** (NHSS)
- Expanding Your **Classroom Resources** (Curriculum Enhancements; Newsletters, Publishers/Educational Resources Group)
- Implementing **Assessments/Certifications** (NCHSE End of Program; End of Course; Others)
- Integrating **HOSA** (Competitive Events Programs—NHHS Alignment)
- Building Networks and Partnerships **(Health Science Educators Association (HSEA);** Guidance, Community Support, Advisory Council, Work-Based Learning Partners)
- Planning for **Professional Development** (Wednesday Webinars; National Health Science Conference)

Confirming Your Curriculum Framework

National Health Science Standards - framework for health science programs

Essential knowledge, skills and core expectations transferrable to all health professions

For students: Clear direction what they need to know

For educators: Clear understanding of what to teach

Framework to design curriculum and assessments

Crosswalk Template

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National Health Science Standards Crosswalk

The crosswalk template is a working resource for educators to document the National Health Science Standards being met in their courses. This document Is made available to teachers as way of ensuring all of the National Health Science Standards have been taught in your health science courses throughout your program.

Standard 1: Academic Foundations (Understand human anatomy, physiology, common diseases and disorders, and medical math principles)

1.1 Human A&P	Subcategories	Curriculum	Courses
1.1.1 Describe the organization of the human body and directional terms			
A. Identify Levels of organization	• Chemical • Cellular • Tissue • Organ • System • Organism		

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Health Science Curriculum Framework
Four Course Example

1. Foundations of Healthcare Professions
2. Essential Healthcare Practices
3. Human Structure, Function & Disease (A)
4. Human Structure, Function & Disease (B)

Course Content Outline

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2.0 Human Anatomy and Physiology

(Based on National Health Science Standards 1.1 B,C,D)

Understand human anatomy anatomic positioning terms

2.1 Describe the organization of the human body and directional terms.

2.1.1 Demonstrate anatomical position

2.1.2 Identify body planes

- Sagittal
- Midsagittal
- Coronal / Frontal
- Transverse / Horizontal

2.1.3 Use directional terms

- Anterior / Posterior
- Medial / Lateral
- Proximal / Distal
- Superficial / Deep
- Superior / Inferior
- Ventral / Dorsal

3.0 Teamwork

(Based on National Health Science Standards – 8.11, 8.12, 8.21, 8.22, 8.23, 8.24)

Expanding Classroom Resources

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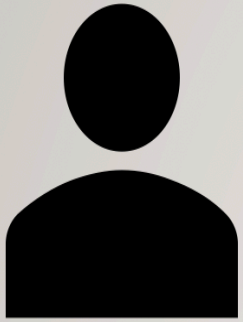
Health Science Curriculum Enhancements

6.0 version



Your Name

Your school

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Welcome to
(Name of Course)

Please close out any browsers, games or other devices that might be distracting to your learning.

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Classroom News
HOSA info
School News

Things you need for class today:

- Student ID #
- Paper & Pencil for notes
- Active participation
- Fully charged device

Today's Agenda

1: Upcoming deadlines
2: Announcement
3: Learning Target: SWBAT _____ AEB:_____
4: Other info
5: Exit activity

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Newsletters

THE HEALTH SCIENCE Educator

Tips, ideas and opinions for Health Science Education

April 2020

COVID-19 EDITION

A free publication for professionals who choose to make a difference in the classroom – or working from a home office.

You inspire the heroes

★ EDUCATION NEWS: ***PANDEMIC LEARNING***

Most new approaches to education are somewhat planned. You would have had an announcement, a faculty meeting, and then hands-on training. You would have a little time to get used to the idea.

Then came COVID-19.

And for most educators, literally overnight, you became online instructors in a virtual classroom.

Clearly, anyone who can leave the profession for which they were trained (healthcare) and excel in a classroom full of students is not going to be thrown by moving to a virtual environment.

Teaching Online

Publishers/Educational Resources Membership Category

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22 Partners- are eager to provide and create meaningful resources

Role of Assessments & Certifications

- Validates learning; relevant information about student performance progress
- Informs classroom instruction
- Provides accountability
- Useful, targeted and sustainable

NHSA –
National Health Science Assessment

- *You*Science by Precision Exams – Partner

- High-quality, industry-recognized certifications that reliably reflect students' skills and knowledge

- Affordable price point

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Data Makes A Difference

NATIONAL HEALTH SCIENCE ASSESSMENT (EOP)

Certificate of Proficiency

The National Consortium for Health Science Education
awards this certificate to

SAMPLE STUDENT

for demonstrating proficiency on the

National Health Science Assessment

08/01/2019
Date Issued

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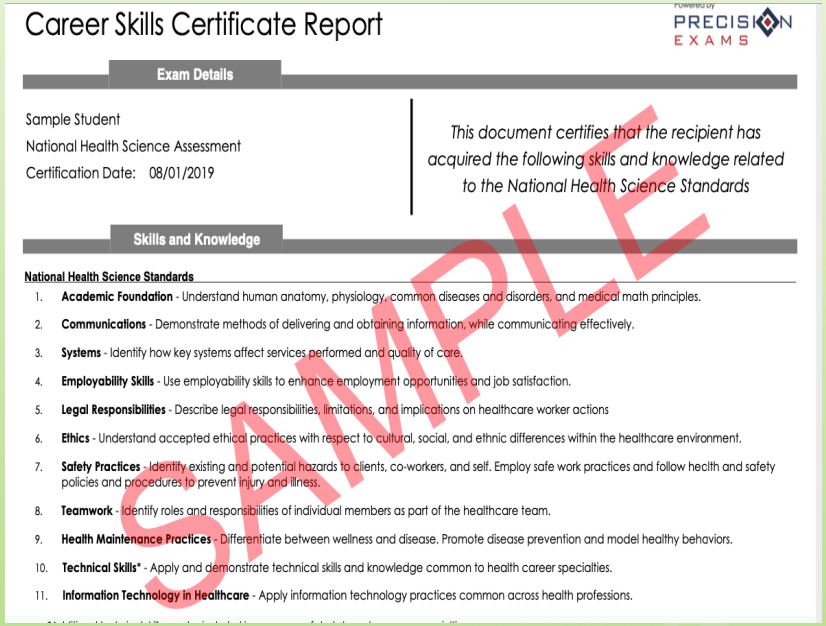
Supported By: **Tri-Council of Nursing**
American Association of Colleges of Nursing
American Nurses Association
American Organization of Nurse Executives
National League for Nursing
Health Professions Network

Nancy Allen
Executive Director, NCHSE

SAMPLE



Career Skills Certificate Report

Powered by PRECISION EXAMS

Exam Details

Sample Student
National Health Science Assessment
Certification Date: 08/01/2019

This document certifies that the recipient has acquired the following skills and knowledge related to the National Health Science Standards

Skills and Knowledge

National Health Science Standards

1. **Academic Foundation** - Understand human anatomy, physiology, common diseases and disorders, and medical math principles.
2. **Communications** - Demonstrate methods of delivering and obtaining information, while communicating effectively.
3. **Systems** - Identify how key systems affect services performed and quality of care.
4. **Employability Skills** - Use employability skills to enhance employment opportunities and job satisfaction.
5. **Legal Responsibilities** - Describe legal responsibilities, limitations, and implications on healthcare worker actions
6. **Ethics** - Understand accepted ethical practices with respect to cultural, social, and ethnic differences within the healthcare environment.
7. **Safety Practices** - Identify existing and potential hazards to clients, co-workers, and self. Employ safe work practices and follow health and safety policies and procedures to prevent injury and illness.
8. **Teamwork** - Identify roles and responsibilities of individual members as part of the healthcare team.
9. **Health Maintenance Practices** - Differentiate between wellness and disease. Promote disease prevention and model healthy behaviors.
10. **Technical Skills*** - Apply and demonstrate technical skills and knowledge common to health career specialties.
11. **Information Technology in Healthcare** - Apply information technology practices common across health professions.

SAMPLE

Health Science

Health science is one of the fastest-growing segments of our economy. Ensuring your students are preparing for health care jobs is more important than ever. From dental assisting to sports medicine, we have an exam to fit your needs!

Exams & Standards:

- Biotechnology
- Certified Nursing Assistant (CNA)
- Clinical Laboratory Technology
- Dental Assistant – Dental Science I
- Dental Assistant – Dental Science II
- Dental Assistant – Dental Science III
- Emergency Medical Technician (EMT)
- Exercise Science and Sports Medicine
- Food and Nutrition I
- Food and Nutrition II
- Health Science Fundamentals
- Medical Anatomy and Physiology
- Medical Assistant – Anatomy and Physiology
- Medical Assistant – Clinical and Laboratory Procedures
- Medical Assistant – Medical Office Mgmt.
- Medical Assistant – Medical Terminology
- Medical Forensics
- Medical Terminology
- Nutrition and Wellness
- Physical Therapy, Introduction

NCHSE:

- National Health Science Assessment

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HOSA Competitive Events – National Health Science Standards Crosswalk

Competitive Events	National Health Science Standards										
	1	2	3	4	5	6	7	8	9	10	11
Barbara James Service Award											*
Behavioral Health	*	*	*	*	*	*		*	*		*
Biomedical Debate		*						*			*
Biomedical Laboratory Science	*			*			*			*	*
CERT Skills		*				*	*	*		*	
Clinical Nursing	*	*			*	*	*			*	*
Clinical Specialty		*		*						*	*
Community Awareness		*						*			*
CPR/First Aid	*	*				*	*	*		*	
Creative Problem Solving		*						*			
Cultural Diversity & Disparities	*					*					
Dental Science	*	*			*	*	*		*	*	*
Dental Terminology	*	*			*	*	*				
EMT	*	*					*	*		*	
Epidemiology	*								*		
Extemporaneous Health Poster											
Extemporaneous Writing		*									*
Forensic Science		*						*			
Health Career Display		*		*				*			*
Health Career Photography		*		*	*						*
Healthy Lifestyle		*							*		*
Healthcare Issues Exam											*
Health Education		*						*			*

Integrating HOSA & the Competitive Events Programs
http://www.hosa.org/CEUsefulTools

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Building Networks & Partnerships

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Engagement

Guidance

Community

Advisory Council

Work-based Learning Partners

Professional Development

Wednesday Webinars

National Health Science Conference

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Control What You Can Control - Do What's Best for Your Students!

www.healthscienceconsortium.org

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