

HEALTH SCIENCE EDUCATION I SYLLABUS 2023/2024

Health Science Education, New Castle Career Center	Monday, Tuesday, Wednesday, Thursday, Friday AM Class: 8:30-11:10 am PM Class: 12:45-3:30 pm Room 108	Credit Hours: 6 CONTACT HOURS: 540 Classroom hours: 285 Clinical hours: 255
Instructors' Names:	AM Class: Angie Talbott, RN & PM Class: Kendra Gentry, RN	
Faculty Contact Info:	E-mail: atalbott@ncweb.me & kgentry2@ncweb.me NCCC Phone: 765-593-6680 Ext. 195 Cell Phone: 765-524-2874 765-686-4405 Classroom: Danielson Center 300 Trojan Lane New Castle, In 47362 Class: 8:30-11:10a.m. & 12:45-3:30p.m. Office Hours: 12:00-3:45 p.m. Mon-Fri & 7:30-11:00 am Mon-Fri	
Program Title:	Health Science Education	
Prerequisites:	None	
Program Description:	<p>The Health Science Education Program prepares students for the medical field by combining classroom activities with clinical experiences. The clinical exposure provides students with career exploration in their area of interest. The program is designed to provide students with marketable skills for employment in the healthcare field and to give the students the knowledge and clinical training that will facilitate their post-secondary education. Within the classroom, the students study the human body, medical terminology, medical abbreviations, anatomy & physiology, human growth and development, disease processes, diagnosis, infection control, professional concepts, and many other concepts and skills related to health care.</p> <p>Students can expect to achieve competency in the Health Science Education standards as the curriculum is aligned with the Indiana Department of Education Academic Standards Course Framework of Health Science Education.</p> <p>The NCCC HSE program provides clinical experiences in multidisciplinary health care areas with the New Castle community. A Health Care facility based program facilitates the use of medical technology, encourages networking with healthcare professionals, as well as, allowing students to assist in the management of care for real patients.</p> <p>Registered nurses coordinate the classroom and clinical experiences. Students receive 3 credits per semester for a total of 6 credits for the school year upon successful completion.</p>	
School:	New Castle Career Center	

Advisory Board	<p>A multidisciplinary advisory board oversees and advises the Health Science Education Program.</p> <p style="text-align: center;"><u>Advisory Board Members</u></p> <p style="text-align: center;">Shelly Wilson, RN Chief Nursing Officer HCH Stephanie Garrett, RN PCU Asst. Director HCH Chante Ratekin, RN HCH Hospital Staff Development Coordinator Danielle Coatie, OTR HCH Lacee Lanzer, Med Tech HCH Lab Ashley Bonwell, Xray Tech HCH Imaging Eldonna Neeley, Clinical Dietitian HCH Kendra Wilson, RT HCH Trina Wilkey, RN PhD NCCSC School Nurse Angie Durr, RN Administrator at Heritage House of New Castle Serena Loveall, RN DON Heritage House at New Castle Lisa Hall, RN Surgery Dept. Director HCH Christy Thompkins, RN Julie Turner, RN HCH Employee Health Nurse Lainey Millikan, RN HSE Instructor Angie Talbott, RN HSE Instructor Kendra Gentry, RN Instructor Brittany Longnecker, RN Administrator of The Waters of New Castle Mary Goodwin, RN DON Tanika Hughes, RN DON Heritage House of Richmond Crystal McQueen, Pipeline Program Coordinator East Indiana Area Health Education Center Michelle Hacker, RN Director of Nursing Glen Oaks Health Campus Tammy Nelson, Administrator Glen Oaks Health Campus Tonya Cole, LPN D.O.N. The Waters of New Castle Sara Malott, Service Excellence Coordinator HCH</p>
Methods of Delivery:	Lecture, videos, textbook assignments, skills demonstration & practice/re-demonstration, reading, discussions, and clinical experiences.
Required Textbooks	<p><u>Introduction to Health Careers</u> 5th edition by Dakota Mitchell; Lee Haroun ISBN 9780357123133</p> <p><u>2014 Certified Nursing Assistant</u> 3rd Ed by Charlene Mantock, Susan Jesop, Roberta Suddith, & Jannette Krinn</p> <p><u>Basic Life Support for Healthcare Providers</u> by American Heart Association</p> <p><u>Hartman's Nursing Assistant Care: Long-Term Care</u> 3rd Ed by Susan Hedman, Jetta Fuzy & Suzanne Rymer Copyright 2014</p> <p><u>Indiana State Department of Health, Division of Long Term Care Nurse Aide Training Program</u> Created July 1998 & Revised January 15, 2014 Core Curriculum-a product of the ISDH in conjunction with Professional Resources</p>

	<p>Lafleur, D. & Lafleur, M. (2014). <u>Exploring medical language. a student-directed approach</u>, 9th ed. St. Louis, Missouri: Elsevier. ISBN: #978-0-323-11340-3.</p> <p><u>Health The Basics</u> 13th Edition Mindfulness Edition by Recca J. Donatelle</p> <p>Supplemental Resources Available to students:</p> <p><u>Anthony's Textbook of Anatomy & Physiology</u> 18th ed. by Thibodeau And Patton</p> <p>Lippincott's Video Series for Nursing Assistants by Pamela J. Carter</p>																
<p>Required Consumable materials and equipment supplied by student</p>	<p>3" 3 ring binder to keep papers organized Dividers or tabs for binder– to be labeled Notebooks or loose leaf paper Black pen (Always have this for class and clinical) Red Ink pen #2 pencils Highlighters Post-its 1000 Index Cards</p> <p>Clinical Uniform: caribbean blue scrub top, caribbean blue scrub pants, white or black non-permeable (no mesh) clinical shoes</p>																
<p>Course Level:</p>	<p>Senior Year High School</p>																
<p>Program Cost to Student</p>	<table border="0"> <tr> <td>• Physical before clinical start</td> <td>\$40-120*</td> </tr> <tr> <td>• Clinical shoes</td> <td>\$30-60</td> </tr> <tr> <td>• Clinical uniform X2</td> <td>\$120</td> </tr> <tr> <td>• Criminal background check</td> <td>\$21.95</td> </tr> <tr> <td>• CPR</td> <td>\$3.30</td> </tr> <tr> <td>• CNA Testing</td> <td>\$75 (\$65 for 2nd & 3rd attempt)</td> </tr> <tr> <td>• HOSA Dues</td> <td><u>\$20</u></td> </tr> <tr> <td>• Total</td> <td>\$310.25+</td> </tr> </table> <p>Uniform money due: by end of 4th week of school</p> <p>HOSA due: pay by September 15, 2023</p> <p>Criminal background check: due before start of clinical</p> <p>*Physical: insurance may pay all or partial. Students will get a physical done after double negative PPD. Usually done in mid September.</p>	• Physical before clinical start	\$40-120*	• Clinical shoes	\$30-60	• Clinical uniform X2	\$120	• Criminal background check	\$21.95	• CPR	\$3.30	• CNA Testing	\$75 (\$65 for 2 nd & 3 rd attempt)	• HOSA Dues	<u>\$20</u>	• Total	\$310.25+
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****All students are expected to fundraise to raise approximately \$75 per student or make a flat donation to the HOSA extracurricular account. The extracurricular account funds are used to pay for the supervisor appreciation banquet, chapter supplies, student activities and rewards. In addition, fundraising cuts student cost for HOSA SLC. Students may wish to do additional fundraising to cut student cost for HOSA NLC.**

Optional Student Costs

- HOSA State Leadership Conference \$0-230 due March 1
- HHA \$11.50
- HOSA Class designed shirt \$11-\$25

Date of Revision: Fall 2020

Effective Date of Revision: Fall 2020

Major Course Objectives: Upon completion of the Health Science Education Curriculum a student will be able to:

DOMAIN	COMPETENCY
COMPETENCY #	Healthcare Systems
7168.D1.1	Describe how health care is developed, delivered and organized.
7168.D1.2	Discuss health care delivery systems and trends.
7168.D1.3	Identify ethical and legal issues in healthcare.
7168.D1.4	Apply basic medical terminology principles.
7168.D1.5	Identify the basic organization of the human body, the body systems, and the stages of growth and development.
7168.D1.6	Analyze behaviors for success in the healthcare field, including lifestyles management, professionalism, and lifelong learning.
7168.D1.7	Describe personal and workplace safety measures including body mechanics, infection control, and environmental safety.
7168.D1.8	Discuss principles of communication in a health care setting including treating the patient with respect as an individual, accommodation of cultural diversity,
7168.D1.9	identifying and providing for patient needs.

7168.D1.10	Identify the purposes and procedures for medical documentation.
7168.D1.11	Compare various health care occupations, including education requirements, credentialing or licensing, scope of practice, and workforce data.
COMPETENCY *	CPR/Basic Life Support
7168.D2.1	Recognize cardiac vascular emergencies and/or respiratory arrest and take appropriate action.
7168.D2.2	Establish an airway and initiate ventilation.
7168.D2.3	Manage obstructed airway in adult, child and infant.
7168.D2.4	Perform one and two-person adult, child and infant CPR using universal precautions
7168.D2.5	Demonstrate the use of an Automated External Defibrillator (AED)
COMPETENCY #	Medical Terminology
5274.D1.1	Demonstrate the use of a medical dictionary
5274.D1.2	Define and properly use prefixes and suffixes with word roots and combining forms to build medical terms.
5274.D1.3	Define medical terms.
5274.D1.4	Locate and identify the organs within body systems and define their basic functions.
5274.D1.5	Define and use medical abbreviations, signs, and symbols accurately.
5274.D1.6	Define common diseases and conditions.
5274.D1.7	Identify selected procedures, treatments and diagnostic tests.
5274.D1.8	Spell medical terms correctly.
5274.D1.9	Pronounce medical terms.
COMPETENCY #	Essential Anatomy & Physiology
5274.D2.1	Apply basic knowledge of chemistry as pertinent to the human body

5274.D2.2	Identify the major body systems and the organs which comprise each of them.
5274.D2.3	Summarize and define the basic structure and function of each of the body systems.
5274.D2.4	Demonstrate the ability to utilize a microscope to examine prepared slides and apply to physiological conditions and body systems.
5274.D2.5	Adapt the structural and functional aspects of cell organization to the body systems
5274.D2.6	Classify the types and composition of the 4 basic types of body tissues.
5274.D2.7	Discuss and identify disease states in relation to body systems.
COMPETENCY #	CNA Skills
7166.D1.1	Demonstrate an understanding of the role of the nursing assistant in health care.
7166.D1.2	Identify and demonstrate beginning nursing assistant knowledge, skills and attitudes for the provision of quality nursing care.
7166.D1.3	Demonstrate communication techniques appropriate to a nursing assistant.
7166.D1.4	Perform resident care procedures according to the Indiana State Department of Health standards.
7166.D1.5	Utilize knowledge of the legal and ethical aspects of health care related to the responsibilities as a nursing assistant and member of the health care team.
7166.D1.6	Apply basic math skills to patient care situations.
7166.D1.7	Apply knowledge of Infection Control Standard Operating Procedures, visitation guidelines for Long-term Care Facilities and proper use of PPE in the practice of skills and during supervised clinical experience.
COMPETENCY #	Dementia Care

	7166.D2.1	Identify the major components of the dementia disease process and its treatment.
	7166.D2.2	Discuss how dementia affects patient behavior.
	7166.D2.3	Define different types of communication and why each type is important.
	7166.D2.4	Identify the key issues of keeping the environment safe for a person with dementia.
	7166.D2.5	Identify methods of involving the family in the care of a patient with dementia.
	7166.D2.6	Identify the components of planning care and activities that are meaningful to the client with dementia.
	7166.D2.7	Discuss appropriate communication techniques in dealing with a resident with dementia.
	7166.D2.8	Discuss the impact of the death of a patient/resident.
Make-up Policy:	Please approach this class as you would outside employment. If you find that you must miss a class you are expected to <u>contact the instructor by e-mail, phone or text message</u> to let her know that you will not be in class and to make arrangements for make-up work. All work is due on the date determined by the instructor. Late assignments by one day will be accepted for ½ credit. After one day the assignment will be zero credit; however, it must be turned in completed. If absent, the student is responsible to see the instructor immediately to plan make-up work. Pre-planned absences should have make up work completed before they leave especially before a holiday break.	
Grading Scale & Course Evaluation Methods:	98-100% = A+ 92-97% = A 90-91% = A- 88-89% = B+ 82-87% = B 80-81% = B- 78-79% = C+ 72-77% = C 70-71% = C- 68-69% = D+ 62-67% = D 60-61% = D- 0-59% = F Grading is based upon a weighted system. Grades are taken from tests, quizzes, homework, projects, participation, and employment skills (PRIDE: Persistent, Respectful, Initiative, Dependable, Efficient) Employment Skills	

	<p>will count as a minimum of 30% of the total points per grading period per grading period. Typically, tests/quizzes are 50% of the final grade for a grading period, with homework making up the remaining 20%. However, if a project is included within a grading period then the weighted system will be adjusted with the project being at least 10% of the grade for that grading period.</p> <p>Skills Evaluations are based upon ISDH CNA checklist requirements</p> <p>Clinical Experience is determined by the clinical supervisor and will play a significant part of the Employment Skills grade. The purpose of the supervisor evaluation is to show how well work related skills are being mastered or improved. The evaluation is based upon the overall impression of the supervisor on the performance of the student while working or learning in the clinical area. A student may be removed from the clinical setting due to a failing effort on the clinical evaluation.</p> <p>Semester Grade:</p> <p>1st Semester Grade</p> <p style="padding-left: 40px;">3/7 of grade=1st grading period grade</p> <p style="padding-left: 40px;">3/7 of grade=2nd grading period grade</p> <p style="padding-left: 40px;">1/7 of grade=Portfolio Project</p> <p>2nd Semester Grade</p> <p style="padding-left: 40px;">3/7 of grade=3rd grading period grade</p> <p style="padding-left: 40px;">3/7 of grade=4th grading period grade</p> <p style="padding-left: 40px;">1/7 of grade=Final Exam (End of Course Assessment)</p>
<p>Classroom Policies:</p>	<p>GENERAL:</p> <ul style="list-style-type: none"> ● All students are expected to align with HOSA, our Career and Technical Student Teacher Organization and will be required to pay \$20 to join the organization. ● All students are expected to take an active role in HOSA by participating in class meetings, providing community service, and selling products to raise funds to support the HSE program. ● Students will complete diary sheets and submit them weekly. Well written diary sheets will be awarded 2 points for each day. Points cannot be given if the student is not in class or clinical. ● Breaks are allowed at the discretion of the instructors. ● No outside food or drink shall be brought to class or clinical. Snacks are available for purchase on class days. ● NO SNACKS OR DRINKS are to be consumed while walking through the hospital or in the clinical setting. This is a severe break in infection control rules of health care. ● All work to be turned in should be typed, in black ink, or standard #2 pencil. ● Corrections on written work should be made with one line through the incorrect information, correct information should be provided

and the correction should be dated, timed & initialed.

(Example: ~~ear~~ye cardiac sf 0730 1/10/11.)

- Health Science Education students DO NOT SMOKE.

PROFESSIONAL BEHAVIOR

- Students will behave in a mature and professional behavior as defined in the interview.
- Students will honor all patient rights. If a student disrupts any patient rights; they may be removed from the program immediately. Complete confidentiality is required.
- Students will respect the rules, policies, and standards of the agencies where they are trained.
- Students will treat classmates, supervisors, clinical staff, and the instructors with respect.
- Students will receive 20 points each day for professionalism. Points will be deducted for any unprofessional behavior. Students must be present to receive points.
- A break in ethical issues creates a serious trust deficit. The instructor will manage disciplinary manners after consulting with parents, supervisors, advisory committee, and school administrators when necessary.

UNIFORM DRESS CODE FOR CLINICAL:

- Scrub pants (or skirt) and a scrub top with name tags must be worn by the students in the clinical setting.
- Uniforms must be clean and free of wrinkles.
- A black or white long-sleeved t-shirt may be worn under the scrub top in winter.
- If the name tag is lost, the student will pay for a replacement and cannot attend clinical.
- Medical gloves are to be in the pockets at ALL times.
- No mesh tennis shoes. Only non-permeable clinical shoes are permitted. **Students may wear white or black clinical shoes.**
- Shoes will **not** be worn outside the hospital.

CLINICAL APPEARANCE:

- Hair will be pulled back and secured out of the student's face.
- One pair of small post earrings may be worn while on duty.
- No other jewelry except a wedding band and a watch may be worn.
- No face or body-piercing jewelry will be worn in clinical.
- If the dress code is not followed completely, the student will be removed from the clinical setting (**please see attached**).
- NO artificial nails or nail polish may be worn during clinical.
- Hair must be a natural color.
- No visible tattoos. (Tattoos must be covered up.)

CRIMINAL BACKGROUND CHECK:

- A criminal review through the office of the Indiana State Police is required on students' 18th birthday or if student is not 18 by

_____ (**tentatively**) then student will have fingerprinting completed by Morpho Trust. A student must have a

criminal background check completed before the start of clinical. If the criminal background check reveals a violation then the student will be removed from the program.

URINE DRUG SCREEN:

- A urine drug screen is to be completed before the start of clinical at Henry County Hospital. This is a requirement of Henry County Hospital for students to participate in clinical there. If a student has a positive drug screen they will be removed from the program.

FLU VACCINATION:

- Students are required to have a flu shot to be able to participate in clinical at Henry Community Health. This is required so that we may keep the patients and students as healthy as possible. A copy of the flu shot documentation must be brought to the instructor and kept in the student's file. Flu season is October-March.

ATTENDANCE:

- All missed CNA time must be made up within two weeks of the date(s) absent. Make-up time will be completed on weekends, after school, or during school breaks. Time not made up within the designated two week period of time will result in deduction of all points allotted for effort. A student must be present to receive effort points. Each week a total of 100 points (20 points per day) are allotted for employment skills (PRIDE). PRIDE will account for a minimum of **30%** of the 9 weeks total grade. Any student who has 3 or more clinical absences during CNA clinical training will be removed from the CNA program. Absences that exceed 2 consecutive days will require a doctor's statement, but will be considered one occurrence (absence). Therefore, extenuating circumstances will be taken into consideration. Random and frequent absences are the issue of concern.
- **CNA clinical for morning class will be at 7:00 am until 10:00 am and for the afternoon class at 12:00 pm until 3:00 pm (if student is unable to be there by 12:00 pm student will have to stay after until 3:15 pm or make up the 15 minutes missed each day on a day that works for themselves and their supervisor).**
- **CNA students will be required to complete one 6 hour shift at their clinical site in the evening or weekend during their CNA clinical rotation. You will make these arrangements with your supervisor at your clinical site.**
- **The instructor must be called by a parent or guardian by 7:30 a.m.(for morning class) and 11:30 a.m.(for afternoon class) on the day of absence. Student Initials: ____/Parent Initials: ____**

- **Tardy (>5 minutes late) per 9 week grading period or Leaving Early (>5minutes early)**

- ✓ 1st occurrence -10 PRIDE Points for week
- ✓ 2nd occurrence -20 PRIDE Points for week
- ✓ 3rd occurrence -30 PRIDE Points for week. With a third tardy, the student will also be referred to the NCCC guidelines. 3rd tardy=30min. detention
- ✓ 4th occurrence -40 PRIDE Points for week, 4th tardy=60 min detention
- ✓ 5th occurrence -50 PRIDE Points for week, 5th tardy=Saturday Detention
- ✓ Each additional occurrence student will continue to miss 10 PRIDE Points all the way down to scoring a **ZERO** for PRIDE Points for the week

- **Absence—student not attending class regardless of the reason (exceptions are school field trips or college visits), parent contact via Planned Absence request, phone call, or text has to be made prior to or within the time limit stated above**

- ✓ 1st absence -10 PRIDE Points for week with excuse (-20 no exc.)
- ✓ 2nd absence -20 PRIDE Points for week
- ✓ 3rd absence -30 PRIDE Points for week, phone call will be made to parent if needed and documentation of this
- ✓ 4th absence -40 PRIDE Points for week
- ✓ 5th absence – 50 PRIDE Points for week
- ✓ 6th absence -60 PRIDE Points for week
- ✓ 7th absence -70 PRIDE Points for week
- ✓ 8th absence -80 PRIDE Points for week
- ✓ 9th absence -90 PRIDE Points for week
- ✓ 10th absence and on -100 PRIDE Points which means student will receive a **ZERO** for PRIDE Points for each week after the 10th absence has been reached.

- **5th Day Absence and more**—will be handled according to the New Castle Career Center guidelines. An attendance contract will be drawn up at this time which specifies the exact requirements.

If a student has to be pulled from clinical for whatever reason (uniform unkept or unclean, artificial nails, nail polish, no name badge, etc.) a student will receive a ZERO for that clinical day! In addition, the student will have to complete a 2 page typed paper that covers why the violation is unprofessional. See the instructor for

	<p>the rubric. Any further violations will result in additional papers assigned and detention being served.</p> <p>If a student is asked to leave and not return to a clinical site by supervisor or instructor the student will receive a ZERO for PRIDE points all the days they are scheduled to be at that clinical site.</p> <p>NO CELL PHONES ARE EVER ALLOWED AT CLINICAL SITES OR IN THE CLASSROOM as this would be rude and is a HIPAA (confidentiality) violation!!!! (You will have breaks on classroom days during which you can check your phone). Cell phone violations include, BUT are not limited to the following: knowingly being in a photo taken by someone else, posting a photo that was taken before, during, or after clinical on clinical grounds, taking a photo on clinical grounds, or having your cell phone out/visible at a clinical site. HIPAA violations can result in legal ramifications for those involved. A CELL PHONE VIOLATION IN THE CLINICAL SETTING WILL RESULT IN A STUDENT LOSING UP TO 50% OF THEIR PRIDE POINTS FOR THAT GRADING PERIOD. IT IS BASED UPON THE INSTRUCTOR'S DISCRETION AND A STUDENT'S INVOLVEMENT. A 2ND CELL PHONE VIOLATION IN THE CLINICAL SETTING WILL RESULT IN A STUDENT LOSING UP TO 50% OF THEIR PRIDE POINTS FOR THE REMAINDER OF THE SCHOOL YEAR AND/OR POSSIBLE REMOVAL FROM THE PROGRAM. AGAIN, THE CONSEQUENCES ARE UP TO THE INSTRUCTOR'S DISCRETION AND A STUDENT'S INVOLVEMENT.</p>										
<p>Dual Credits</p>	<p>Each student has the opportunity to earn dual credits.</p> <p>The dual credits that will be offered for the 2023/2024 school year are as follows:</p> <ul style="list-style-type: none"> • 3 credits for HLHS 100 Introduction to Health Careers • 3 credits for HLHS 101 Medical Terminology (Requires Accuplacer testing to qualify) • 5 credits for HLHS 107 CNA Preparation • 3 credits for HLHS 111 Health and Wellness for Life (seniors only) • 3 credits for HLHS 113 Dementia Care • .5 credits for HLHS 104 CPR <p>Dual Credit Grades are based upon the Ivy Tech Grading Scale which is as follows:</p> <table style="margin-left: 20px;"> <tr><td>93-100%</td><td>A</td></tr> <tr><td>85-92%</td><td>B</td></tr> <tr><td>79-84%</td><td>C</td></tr> <tr><td>75-78%</td><td>D</td></tr> <tr><td>74% & below</td><td>F</td></tr> </table>	93-100%	A	85-92%	B	79-84%	C	75-78%	D	74% & below	F
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85-92%	B										
79-84%	C										
75-78%	D										
74% & below	F										
<p>Academic Honesty Statement:</p>	<p>New Castle Career Center is committed to academic integrity in all of its practices. The faculty value intellectual integrity and a high standard of academic conduct. Activities that violate academic integrity undermine the quality and diminish the value of educational achievement. Cheating on papers, tests or other academic works is a violation of NCCC rules. No student shall engage in behavior that, in the judgment of the instructor of the class, may be construed as cheating. This may include, but is not limited to, plagiarism or other forms of academic dishonesty such as the acquisition without permission of tests or other academic materials and/or distribution of</p>										

	these materials and other academic work. This includes students who aid and abet as well as those who attempt such behavior.
Copyright Statement:	Students shall adhere to the laws governing the use of copyrighted materials. They must ensure that their activities comply with fair use and in no way infringe on the copyright or other proprietary rights of others and that the materials used and developed at New Castle Career Center contain nothing unlawful, unethical, or libelous and do not constitute any violation of any right of privacy.
ADA Statement:	New Castle Career Center seeks to provide reasonable accommodations for qualified individuals with documented disabilities. If you need an accommodation because of a documented disability, please contact the New Castle Career Center's Office. If you will require assistance during an emergency evacuation, notify your instructor immediately. Look for evacuation procedures posted in your classroom.
Right Of Revision Statement:	The instructor reserves the right to alter or modify the methods of instructional delivery, methods of evaluation, activities schedule, and/or other items as deemed necessary to complete the objectives of the course. Any changes made to this syllabus that affect the manner in which the student's grade is determined will be provided to the student in writing prior to the effective date.

ASSIGNMENTS AND DUE DATES:

Health Science Education
Tentative Assignment Schedule
2023/2024

Week #1 (First Day for Students: Wednesday, August 3, 2023)

Topics: Health Science Education Introduction-rules & regulations, Health Care Systems (including chain of command), Professions in Health Care, Professional Characteristics (including objectivity, empathy, attendance, attire, positive attitude, team player, professional phone etiquette,

Week #2 Class 8/7-8/11/23

Topics: Health Care Systems, Teambuilding and being a team player, & Delegation-5 rights), Abbreviations Quiz #1, Professional Characteristics of a Healthcare Provider, Empathy, Resident Rights (Patient's Bill of Rights), Abuse--types and reporting (Hartman's Nursing Assistant Care Chapters 1, 2, 3), Introduction of Communication Unit (Included within this unit are the following: Communication Skills {verbal, non-verbal, written}, conflict resolution, correcting medical information within a record, Teepa Snow PAC: Positive Approach to Care-Dementia Care), Lifelong Learning as a Health Care Worker(Continuing Education), & AHEC Guest Speaker, Jenny Koors with Topic of Professionalism, Draw for Secret Pals

Week #3 Class 8/14-8/18/23 PPD #1 @ HCH on 8/15 4th floor, Read PPD #1 @ the Danielson

Center on 8/18 Topics: Healthcare Systems Test, Introduction of Vital Signs-Measuring & Recording (Hartman's Nursing Assistant Care Chapters 5, 6, 7, 14)., Abbreviations Quiz #2, Continue with Communication Lesson including Med Term Chapter 1 "*Introduction to Medical Language*" and Assessment, Vital Signs & Pain Lecture and Vital Signs check-offs begin, Memorize Initial & Final Steps for CNAs, Activities of Daily Living (ADLs): positions, transfers, ambulation, bathing, peri care, shampoo, cath care, back rub, whirlpool, grooming & personal hygiene (oral care, denture care, shaving, combing hair, nail and foot care), Working with the Cognitively Impaired--(Dementia Care Stages of Alzheimer's & PAC: Positive Approach to Care), HOSA Officer Election

Week #4 Class 8/21-8/25/23 PPD #2 @ HCH on 8/22 4th floor, Read PPD #2 @ the Danielson Center on 8/25

Topics: Vital Signs Quiz, General Orientation to Henry County Hospital (Includes info. On Safety, Topics such as body mechanics, infection control, disaster response, fire, fainting, fall, choking & maintaining a safe work environment, confidentiality, abuse & HIPAA, Customer Relations & Potential Barriers, Appropriate use of social media as a professional), Cont. Vital Signs Check-offs, , AHEC Guest Speaker, Jenny Koors with Topic of Electronic Medical Record and virtual use and entry of information and confidentiality/protecting the EMR, Abbreviations Quiz #3, Med Term Quiz #1

Medical Law & Ethics Unit (includes information on Consent, HIPAA, Advanced Directives, Chain of Custody, Release of Information, Confidentiality, Notice of Privacy Practices, Patient Bill of Rights, More on Types of Abuse and obligatory reporting, & Sexual Harassment in the work place), Check-offs for W/C transport, ambulation, gait belt, walker, cane, Introduction of Infection Control Skills: handwashing, gloves, mask, gown, goggles

Week #5 Class 8/28-9/1/23

Topics: Abbreviations Quiz #4, Safety Quiz, Vital Signs Quiz, Indiana Donor Network Guest Speaker: Andi Amburgey, Communication Quiz, PAC-Dementia Care Infection Control and skills of Hand washing, Donning/Doffing Gloves Check-offs, (Hartman's Nursing Assistant Care Chapters 4, 10, 13),Continue with Vital Signs Check offs, Oxygen Use, Nasal Cannula Care;

Devices/Interventions: Hearing Aids & TED Hose; Special Care Needs, Cognitive Impairment & Therapies, Mental Health & Social Needs, *Henry County Day of Caring*
Criminal Background Checks 9/1/23

Week #6 Class 9/5-9/8/23 (Labor Day September 4, 2023—No School) 9/5/23 HCH General Orientation at HCH

Topics: Criminal Background Checks, Rehabilitation & Restorative Services: ROM, Splint, Abdominal Binder, Abduction Pillow, Knee Immobilizer, Palm Cone; (Hartman's Nursing Assistant Care Chapters 8, 19, 20, 21), Medical Law & Ethics Test, PAC--Dementia Care, Med Term Quiz #2, Safety Unit: Including Heimlich, Donning/Doffing gloves, Fire Safety, Faint/fall & seizure, Infection Control Quiz, Activities of Daily Living: Heimlich, Donning/Doffing gloves, Fire Safety, Faint/fall & seizure, Activities of Daily Living: Change Gown, Dressing a Dependent Resident,

Week #7 Class 9/11-9/15/23 Continued HCH Orientation at HCH 9/12/23: Meet the unit directors

Topics: Toileting, Bedmaking: Occupied & Unoccupied; skin care: floating heels, bed cradle; Nutrition & Hydration: thickened liquids, passing fresh ice water, feeding, assist to eat, (Hartman's Nursing Assistant Care Chapters 15, 16, 17), PAC--Dementia Care, Abbreviations Quiz #5, Med Term Quiz #3, Safety Quiz, Cover Admission, Transfer, Discharge, End of Life: Hospice, Signs & Symptoms of Impending Death, Post-Mortem Care, Daily Responsibilities of a Health Care Worker (CNA); Body Systems: A & P, Diseases & Disorders, (Integumentary, Nervous, Circulatory, Musculoskeletal, Respiratory, Urinary, Gastrointestinal, Endocrine, Reproduction, & Immune/Lymphatic Systems), (Hartman's Nursing Assistant Care Chapters 9, 18)

Week #8 Class 9/18-9/22/23

ADLs: Shower, Bathing, Shampoo, Foot Care, Back Rub, CNA Theory & Skills
Review/Practice in Lab, (Hartman's Nursing Assistant Care Chapters 11, 12, 22, 23, 24)

Week #9 Class 9/25-9/29/23 Virtual Learning Day 9/27/23

PAC--Dementia Care,
Dementia Training, Abbreviations Quiz #6, Med Term Quiz #4
Continue with A&P, Common Diseases, Review skills in lab, Hoyer Lift, Complete VS Check offs

Week #10 Class 10/2-10/6/23

Continue with A & P Common Disorders, Acute vs Chronic, Abbreviations Quiz #7
Review and get caught up on skills, PAC, Dementia Care, Abbreviations Quiz #8, Med Term Chpt 1 "*Introduction to Medical Language and Online Learning*

Fall Break: October 9-13, 2023

Week #11 Class 10/16-10/20/23 Fall Leadership Conference 10/18/23 @ Camp Allendale

Start Clinicals, Med Term Chpt 2 "*Body Structure, Color, & Oncology*"
HOSA Fall Leadership Conf.

Week #12 Class 10/23-10/27/23

Clinicals, Med Term Chpt 3 "*Directional Terms, Planes, Positions, Regions, and Quadrants*",
Abbreviations Quiz #9, PAC--Dementia Care

Week #13 Class 10/30-11/3/23

Clinical, A & P Review, PAC--Dementia Care, Growth & Development Unit
Abbreviations Quiz #10

Week #14 Class 11/6-11/10/23 Virtual Learning Day 11/7/23

HOSA Week! HOSA Activity--?Bowling for HOSA National Service Project

Clinical, A & P Exam, Finish Growth & Development, Abbreviations Quiz #11
Week #15 Class 11/13-11/17/23

Clinical, PAC: Dementia Care, Medical Math

Thanksgiving Break-No School November 20-24, 2023

Week #16 Class 11/27-12/1/23

Clinicals, Medical Math Review & Test

PAC: Dementia Care

Week #17 Class 12/4-12/8/23

Back in class to finish dual credit requirements

Week #18 Class 12/11-12/15/23 Topics: Jeff Hartz-Careers, Job Seeking Skills: Professionalism, Interviewing, Job Application, Portfolio: Resume, Cover Letter, Credentials, Research time in computer lab for Portfolio, Assign Portfolio Project **Due Tuesday, 12/19/23**

Week #19 Class 12/18-12/21/23

Finish Portfolios-Due 12/19/23

HOSA Christmas Pitch-In/Secret Pal Gift Exchange 12/20/23

Christmas Break-No School December 22, 2023-January 3, 2024

Week #20 Class 1/4-1/5/24 First student day back January 4, 2024

Students return January 4, 2024

Health, The Basics Chpt. 1 “Accessing Your Health with Focus on Difference Disparity, and Health: Achieving Equity” (Seniors Only)

Med Term Chpt 4 “Integumentary System

Med Term Video & Quiz #1

Week #21 Class 1/8-1/12/24

Start clinicals, Health, The Basics Chpt. 2 “Promoting and Preserving Your Psychological Health with Focus on Cultivating Your Spiritual Health” (Seniors Only),

Med Term Chpt 5 “Respiratory System, Med. Term Video & Quiz #2

Week #22 (No school Monday, January 15, 2024 MLK Day) Class 1/15-1/19/24

Clinicals

Health, The Basics Chpt. 3 “Managing Stress and Coping With Life’s Challenges” (Seniors Only)

Med Term Chpt. 6 “Urinary System”

Med Term Video & Quiz #3

CNAs Review for Testing

Week #23 1/22-1/26/24

Clinicals for non-CNAs, Testing for CNAs

Health, The Basics Chpt. 4 “Improving Your Sleep” (Seniors Only) Self Study

Everfi-Mental Health Basics-Online Learning Module

Med Term Chpt. 7 “Male Reproductive System”

Med Term Video & Quiz #4

Week #24 1/29-2/2/24

Clinicals

Health, The Basics Chpt. 5 “Preventing Violence and Injury” (Seniors Only)

Med Term Chpt. 8 “Female Reproductive System”

Med Term Video & Quiz #5

Week #25 2/5-2/9/24

Clinicals

Health, The Basics Chpt. 6 “Connecting and Communicating in the Modern World with Focus on Understanding Your Sexuality” (Seniors Only)

Med Term Chpt. 9 “OB & Neonatology”

- Med Term Video & Quiz #6
- Week #26 2/12-2/16/24**
 Health, The Basics Chpt. 7 “Considering Your Reproductive Choices” (Seniors Only)
 Health, The Basics Chpt. 8 “Recognizing and Avoiding Addiction and Drug Abuse” (Seniors Only)-Self Study
 Med Term Chpt. 10 “Cardiovascular System, Immune, Lymph, Blood”
 Med Term Video & Quiz #7
- Week #27 (No School on 2/19/24 President’s Day) 2/19-2/23/24**
 Health, The Basics Chpt 9 “Drinking Alcohol Responsibly and Ending Tobacco Use” (Seniors Only)
 Med Term Chpt. 11 “Digestive System”
 Med Term Video & Quiz #8
- Week #28 2/26-3/1/24**
 Clinicals
 Research Week, All about APA
 Health, The Basics Chpt. 10 “Nutrition: Eating for a Healthier You” (Seniors Only)
 Med Term Video & Quiz #9
- Week #29 3/4-3/8/24**
 Health, The Basics Chpt. 11 “Reaching and Maintaining a Healthy Weight with a Focus on Enhancing Your Body Image” (Seniors Only)
 Clinicals, Med Term Chpt 12 & 13 “Eye & Ear” *Self Study*
 Med Term Video & Quiz #10
- Week #30 3/11-3/15/24**
 Health, The Basics Chpt. 12 “Improving Your Personal Fitness” (Seniors Only)
 Med Term Chpt. 14 Musculoskeletal System”
 Med Term Video & Quiz #11
- Week #31 3/18-3/22/24**
 Clinicals
Class for HOSA testing for HOSA SLC
 Health, The Basics Chpt. 13 “Reducing Your Risk of Cardiovascular Disease and Cancer (Seniors Only)
 Med Term Chpt. 15 “*Nervous & Behavioral Health*”
SPRING BREAK MARCH 25TH-APRIL 5, 2024
- Week #32 Virtual Learning Day 4/8/24 4/9-4/12/24**
Clinicals or HOSA SLC Tentatively 4/10, 4/11, & 4/12/24
 Continue with Med Term Chpt 15 “*Nervous System & Behavioral Health*”
 Health, The Basics Chpt. 14 “Protecting Against Infectious Diseases and Sexually Transmitted Infections with a Focus on Reducing Risks for Chronic Diseases and Conditions” (Seniors Only)
- Week #33 4/15-4/19/24**
 Disease Research Presentation Prep,
 Health, The Basics Chpt 15 “Making Smart Healthcare Choices with a Focus on Understanding Complementary and Integrative Health and Aging, Death, and Dying” (Seniors Only)
- Week #34 4/22-4/26/24**
 Health, The Basics Chpt 16 “Promoting Environmental Health” (Seniors Only)
 Disease Research Presentations & Prep
 Assign ECA, Med Term, & Health & Wellness Study Guides
- Week #35 4/29-5/3/24**
 Finish Research Presentations

Med Term Chpt. 16 “Endocrine System”
Concepts in Health & Wellness Chpt 15 “Safety & Emergency Mgt.”
Emergency Care: Triage, Mass Casualties, Mock Disaster

Week #36 **5/6/-5/10/24**

ECA Review & Study Guide-Due 5/6/24
Med Term Review & Study Guide-Due 5/7/24
Health & Wellness Review & Study Guide-Due 5/8/24
Supervisor’s Appreciation Open House 5/10/24

Week #37 **5/13-5/17/24**

ECA
Med Term Final Exam
Health & Wellness Final Exam
HOSA Senior Breakfast

Week #38 **5/20-5/24/24 Last Student Day 5/24/24**

Guest Speakers: Success in College

If time permits, we will work in a “Healthy Living” Project in which students will be divided into 3 groups and present to 6th graders of New Castle Elementaries.

The instructor retains the prerogative of changing or adjusting the course syllabus to best accommodate the pace of progression and the needs of the students.

Health Science Education Syllabus Receipt and Agreement

I have received, read, and agreed to abide by the Health Science Education Syllabus for the 2023/2024 school year.

Student's Signature: _____ **Date:** _____

Parent's Signature: _____ **Date:** _____