

SYLLABUS
THERAPEUTIC SERVICES
RALPH R. WILLIS CAREER AND TECHNICAL CENTER

INSTRUCTOR: Kim Brown

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OFFICE HOURS: 11:30 a.m. – 12:00 p.m. | 2:30 p.m. – 3:00 p.m.

COURSES:

- 0711 - Foundations of Health Science
- 0715 - Advanced Principles of Health Science
- 0789 - Clinical Specialty I
- 0790 - Clinical Specialty II

ELECTIVE COURSES:

- 0721- Medical Terminology
- 0716 - Body Structures and Functions
- 0730 - Health Science Clinical Experience

COURSE PHILOSOPHY

The Therapeutic Services Department's philosophy is to provide and educate students in as many aspects of the healthcare industry as possible and to provide them the opportunities to become skilled, successful citizens of the global community. The instructor is committed in providing a safe, industry-standard learning environment that promotes commitment, teamwork, communication skills, strong work ethic and responsibility. Students are encouraged to pursue work in a related field, continuous education and industry related training upon successful graduation from the department. During the senior year SkillsUSA competitions and championships reward students for excellence and keep training relevant to employers' needs. An important part of the program is the PORTFOLIO. It provides students an experience that actively engages students in reflective exploration of self and to help students to make a smooth transition from high school to their post high school experience with resume development and interview skills.

The goal of this program is not only to produce skilled direct care workers who are ready to complete the West Virginia Department of Education Direct Care Worker licensure exam, but to give students the ability to adapt their talents to the ever-changing technologies in the job market.

PROGRAM OF STUDY DESCRIPTION:

The Therapeutic Services Program of Study allows the student to explore careers focused primarily on changing the health status of the patient over time. Health professionals in this Program of Study work directly with patients; they may provide care, treatment, counseling and health education information.

COURSE DESCRIPTIONS:

○ **0711 FOUNDATIONS OF HEALTH SCIENCE**

This course is designed to allow instructional content to focus on basic medical terminology, growth and development, nutrition, health maintenance practices and healthcare delivery systems. It is designed to provide the student with knowledge and technical skills required for infection control and the prevention of disease transmission, CPR and First Aid. Students will be provided with the opportunity to acquire certification in these areas. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, HOSA-Future Health Professionals. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and Content skill sets.

○ **0715 ADVANCED PRINCIPLES OF HEALTH SCIENCE**

Instructional content will focus on healthcare safety, environmental safety processes and procedures, ethical and legal responsibilities and mathematical computations. Medical terminology and the reinforcement, expansion and enhancement of biology content specific to diseases and disorders are an integral part of the course. Instruction will incorporate project and problem based healthcare practices and procedures to demonstrate the importance of these skills. Students will develop basic technical skills required for all health career specialties including patient privacy, communication, teamwork and occupational safety and be provided with opportunities to obtain certifications in HIPPA/Data Privacy and health care safety. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, HOSA-Future Health Professionals. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and Content skill sets.

○ **0789 CLINICAL SPECIALTY I**

This course is designed to allow the student to choose a career work-based experience from the following specializations: Select 1: Advanced Health Seminar, Certified Nursing Assistant, Certified ECG Technician, Certified Health Unit Coordinator, Certified Patient Care Technician, Certified

Phlebotomy Technician, Community Emergency Response Team, Dental Aide, Dietary Aide, Direct Care Worker, Electronic Health Record Specialist, Environmental Services, Orientation to Practical Nursing, Laundry Aide, Physical Therapy Aide, Pre-Pharmacy Technician, Imagery Aide, Veterinary Science Aide. Upon successful completion of the prerequisite courses in the Health Science Education Program of Study, students will be provided the opportunity in Clinical Specialty I to participate in a work-based clinical experience. Students choose a health career specialty for in-depth study and must complete a minimum of 25-55 hours in an applicable clinical rotation. Instruction is guided by career-specific Content skill sets that must be mastered before students are eligible to attain established credentials and/or industry validation. Within this course, students focus upon employability skills and career development, and apply healthcare information technology and technical skills. Instruction will incorporate project and problem-based healthcare practices and procedures to demonstrate the criticality of these skills. Due to healthcare industry standards, exemplary attendance is mandatory. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, HOSA-Future Health Professionals. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and Content skill sets.

○ **0790 CLINICAL SPECIALTY II**

This course is designed to allow the student to choose a career work-based experience from the following specializations: Select 1: Advanced Health Seminar, Certified Nursing Assistant, Certified ECG Technician, Certified Health Unit Coordinator, Certified Patient Care Technician, Certified Phlebotomy Technician, Community Emergency Response Team, Dental Aide, Dietary Aide, Direct Care Worker, Electronic Health Record Specialist, Environmental Services, Orientation to Practical Nursing, Laundry Aide, Physical Therapy Aide, Pre-Pharmacy Technician, Imagery Aide, Veterinary Science Aide. Upon successful completion of the prerequisite courses in the Health Science Education Program of Study, students will be provided the opportunity in Clinical Specialty II to participate in a work-based clinical experience. Students choose a health career specialty for in-depth study and must complete a minimum of 25-55 hours in an applicable clinical rotation. Instruction is guided by career-specific Content skill sets that must be mastered before students are eligible to attain established credentials and/or industry validation. Within this course, students focus upon employability skills and career development, and apply healthcare information technology and technical skills. Instruction will incorporate project and problem-based healthcare practices and procedures to demonstrate the criticality of these skills. Due to healthcare industry standards, exemplary attendance is mandatory. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, HOSA Future Health Professionals. All West Virginia teachers are

responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

○ **0721 MEDICAL TERMINOLOGY**

Through the study of medical terminology, the student will be introduced to the language of medicine. Students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the human body utilizing a systems approach. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization HOSA-Future Health Professionals. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

○ **0716 BODY STRUCTURES AND FUNCTIONS**

This course focuses on the structure and function of each system in the human body. Additional instructional components include concepts that pertain to the body as a whole, applicable medical terminology and the pathophysiology common to each system. Students utilize problemsolving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization HOSA-Future Health Professionals. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

○ **0730 HEALTH SCIENCE CLINICAL EXPERIENCE**

This course is designed to be used in conjunction with a Health Science Education course that includes a clinical specialization experience. Instructional content focuses on extending career preparation and technical skills associated with a previously selected clinical specialization. For example, Health Science Clinical Experience Skill Sets may be taught in conjunction with Clinical Specialty 1 (0789) or Clinical Specialty II (0790), PTCB Applications (0772), and Dental Assisting Clinical Mentoring (0745). Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization HOSA-Future Health Professionals. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

COURSE ASSESSMENT PLAN

Students are assessed in a variety of ways. Each student is assessed on attendance and participation on a daily basis. There is also a weekly assessment based on quantity of work, quality of work, effort and problem solving ability. (Please see grading criteria). WIN testing is a computer-based program that measures basic skills for the workplace and is used in the current job market and the WV Workforce Investment program. The Portfolio Project product is graded for its adherence to the rubric as well as for the quality of workmanship. The project is graded by both the instructor and business representatives from the healthcare field. Report cards are issued quarterly and serve as a guideline for students and parents to measure achievement. Parents are encouraged to contact instructors to ensure a continuing participation in student progress. Parents can visit the Ralph R. Willis website found on the Logan County website and locate more information and instructor contact info. Progress reports are issued three times a year in the middle of each quarter to provide students and parents a timely update on progress and achievement. Live Grades is a useful tool for both parents and students to monitor progress. Please contact administration if you have questions about accessing Live Grades.

GRADING SCALE

100 – 90 = A

89 – 80 = B

79 – 70 = C

69 – 60 = D

59 – 0 = F

GRADING POLICY

Students will be graded on the following: weekly performance and participation, competency of skill, quantity of work, quality of work, and WIN testing, portfolio. For Juniors, they must pass Foundations of Health at an 80 percent passage rate to continue in Therapeutic Services program.

TIMELINE FOR PROGRAM ACTIVITIES

GRADE 11-12

- First Quarter: Safety and Simulated Workplace Introductions and Testing; Work projects as appropriate; Portfolio Development and WIN for Seniors. Approved projects may begin with teaching and mentoring of exploratory students. Clinical will begin for seniors (55 Clinical Hours Required).
- Second Quarter: Skills USA, Portfolio Development and Senior WIN Testing. Projects will follow Skill Set Checklists provided by the WVDE. ToolingU testing.
- Third Quarter: Portfolio Development; various projects and testing according to Skill Sets. Junior WIN testing. ToolingU testing. Junior CPR Certification Testing.
- Fourth Quarter: Senior Portfolio Completion. Junior Portfolio Development. Skill Set Checklists from WVDE to ensure following standards and guidelines. WVDE Direct Care Worker testing for Seniors. Junior WIN Testing.

SKILL SETS LINKS

All skill sets can be found on the WVDE website. Use the link below and click on Programs of Study on the left hand side of the menu.

<https://wvde.us/technical-education/curriculum-and-industry-credentials/>

NON-DISCRIMINATION POLICY

Ralph R. Willis Career and Technical Center is an Equal Opportunity/Affirmative Action Institution. Ralph R. Willis Career and Technical Center does not discriminate on the basis of race, sex, age, disability, veteran status, religion, sexual orientation, color, national origin, or limited English proficiency in its programs or activities. It complies with the requirements of Title IX of the Education Amendments of 1972, Title VI of the Civil Rights Act of 1964, and Section 504 of the Rehabilitation Act of 1973.

Inquiries regarding Title IX may be made to Elizabeth Thompson: Personnel Director at 506 Holly Ave., P.O. Box 477, Logan, WV 25601, (304) 792-2058, email: ethompso@k12.wv.us.

Inquiries regarding Section 504 may be made to Jill Barker Special Education Director at 506 Holly Avenue, P.O. Box 477, Logan, WV 25601, Dehue office (304) 752-1341 or (304) 792-2056, email: jillbarker@k12.wv.us.