

BUSINESS ED CURRICULUM EXPLORING HEALTH & MEDICAL CAREERS

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EXPLORING HEALTH & MEDICAL CAREERS

I. TITLE OF COURSE:

EXPLORING HEALTH AND MEDICAL CAREERS

II. CREDITS AND PREREQUISITES:

- A. Carnegie Units: 2
- B. Course Level:..... 2
- C. Grade Level: 9-12
- D. Duration: 1/2 Year
- E. Prerequisites: None

III. COURSE DESCRIPTION:

This course is an excellent opportunity in career exploration for students thinking about pursuing any health occupation career.

IV. SCOPE AND SEQUENCE

A. TOPICS:

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|--|------------------------------------|
| 1. Health Care of the Past,
Present, and Future | 6. Employability Skills |
| 2. Interpersonal Dynamics and
Communication | 7. Foundation Skills |
| 3. Safety Practice | 8. Wellness Growth and Development |
| 4. Legal and Ethical Principles | 9. Body Organization |
| 5. Culture and Health Care | 10. Integumentary System |
| | 11. Cardiovascular System |
| | 12. Circulatory System |

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| 13. Respiratory System | 26. Dental Career |
| 14. Skeletal System | 27. Complementary and Alternative
Careers |
| 15. Muscular System | 28. Veterinary Careers |
| 16. Digestive System | 29. Community and Social Careers |
| 17. Urinary System | 30. Mental Health Careers |
| | 31. Rehabilitative Careers |
| 18. Endocrine System | 32. Emergency Health Careers |
| 19. Nervous System | 33. Information & Administration
Careers |
| 20. Sensory System | 34. Environmental Careers |
| 21. Reproductive System | 35. Biotechnology Careers |
| 22. Laboratory Careers | |
| 23. Imaging Careers | |
| 24. Nursing Careers. | |
| 25. Medical Careers | |

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B. LEARNING OUTCOMES:

Upon completion of the Medical Careers Class the student will:

1. Demonstrate knowledge of the health care system and the role of the various careers in the medical field.
2. Relate the legal and ethical basis of medical practice.
3. Demonstrates knowledge of basic human needs and their relationship to the client.
4. Know how to perform basic tasks safely, economically and effectively.
5. Record tasks and observations accurately and clearly and report any abnormalities.
6. Provide a safe and healthful environment for the client.
7. Demonstrate knowledge of normal body functions, both physical and mental, in order to recognize and report deviations.
8. Demonstrate knowledge of common, physical and mental disease conditions.
9. Demonstrate knowledge of changes that occur across the life span.
10. Demonstrate knowledge of nutritional needs and food management.
11. Assist client with meeting rehabilitation needs.
12. Know how to communicate effectively with teacher, peers, clients and health agency staff.
13. Perform basic household management tasks.
14. Demonstrate good work habits and job application.
15. Demonstrate an awareness of career opportunities and continuing education program.

Also, along with good work habits and job application the student will develop workplace competencies as recommended by Secretary's Commission on Achieving Necessary Skills (SCANS):

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- ❖ ability to allocate resources,
- ❖ ability to work with others,
- ❖ ability to acquire, evaluate and organize information,
- ❖ ability to understand and manage systems,
- ❖ ability to use a wide variety of technology.

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V. EVALUATION METHODS:

Evaluation is an essential part of any program. Evaluation of learning outcomes reflects what knowledge and skill the student has acquired. The following criteria for evaluation may be used:

- ❖ Written quizzes and tests to evaluate the students' comprehension of class discussions, readings, and lectures.
- ❖ Practical examinations to test students' knowledge and ability to perform certain tasks and procedures, using performance evaluation sheets.
- ❖ Evaluation of student safety use, clean, maintains and store laboratory equipment.
- ❖ Evaluation of "Role play".
- ❖ The student will be judged on his/her ability to handle situations that may arise.
- ❖ Teacher evaluation of student participation in class discussions and activities.
- ❖ Evaluation of student's punctuality and attendance record for the classroom.
- ❖ Evaluation of student's work in workbooks that are used to enhance the effectiveness of the text.
- ❖ Evaluation of student's homework that is used to enhance the effectiveness of the text and classroom teaching.
- ❖ A written final evaluation

The content area is based upon the Medical Careers Education from the Connecticut Career and Technical Education 2007 Performance Standards and Competencies.

VI. RESOURCES:

A. Basic Resources

1. Text and Text Supplements:

~Gerdin, Judith. Health Careers Today, fourth edition, Mosby Elsevier, St. Louis, Missouri, 2007.

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~Gerdin, Judith. Health Careers Today, fourth edition, Mosby Elsevier, St. Louis, Missouri, 2007. Workbook

2. Curricula Guides

~Connecticut State Department of Education.

~Connecticut Career and Technical Education 2007 Performance Standards and Competencies.

B. Supplemental Resources

1. Books

~Wolgin, Francis. Being a Nursing Assistant, ninth edition. BRADY Prentice Hall Inc., Upper Saddle River, New Jersey. 1997.

~Birchenall, Joan M. And Mary Eileen Streight. Health Occupations Exploration and Career Planning. St. Louis, MO. The C. V. Mosby Co. 1989.

~Grimes, Deanna. Infectious Diseases. St. Louis, MO: Mosby Year Book Inc. 1991.

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~Kubler-Ross, Elizabeth. On Death and Dying. New York: McMillan Publishing Co. 1969.

~Thomas, Clayton L. Taber's Cyclopedic Medical Dictionary. 17th Edition. Philadelphia: F.A. Davis Co. 1989.

~Wischnitzer, Saul. Barron's Futures in Health: LA Complete Career Guidance Handbook for Prospective Allied Health Professionals. 1986.

2. Periodicals

~Nursing. Monthly Publication. Springhouse, PA: Springhouse Corporation.

~Nursing Spectrum

3. Audiovisuals

Meridian Education Corporation

~Exploring Health Occupations- Medical Technicians & Technologists

Connecticut Business & Industry Assoc.

~Careers in Health & Bioscience Video Program

Delmar Publishers

~Diversified Health Occupations Video Series- Professional and Personal Standards for Health Care Careers

School to Career Productions:

~Get a Life Series (Respiratory Therapist, Nurse, Pharmacy Tech, X-ray tech...)

Standard Deviants School

~Anatomy Series (Bones. Circulatory System, Respiratory System, Endocrine System...)

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Medcom- Care Providing Skills

~Advance directives: guidelines for healthcare providers

Medcom Trainex-

~I'm Pretty Old

~Nursing Assistant Techniques: Abnormal Signs & Symptoms

~Measuring vital signs: temp, pulse, respiration, & blood pressure

~Transfer & Ambulation

Stay Well-

~Workplace training: standard first aid video

~Infant & child CPR video

Learning seed-

~I'm normal you're weird – Understanding other cultures

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Mosby's-

~Reporting & Recorded Observations

Insight Media

~Mental Health Human Condition

Marshfield Clinic-

~I was ok. Am I still ok?

Patient Education Videos-

~Alzheimer's Disease

~Breast Cancer

~Prostate Cancer

~Stroke

~Ulcers

Cambridge Educational-

~Aids: A biological perspective

Films for the Humanities & Sciences-

~Bacteria & Viruses

Lincoln Medical Education Foundation-

~Universal precautions for hospital personal

VII. Curriculum Activities

A. Theory

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~Lecture

~Resource Materials

B. Present Concept

~Discussion

~Small Groups

~Role Play

~Dramatization

~Handouts/ Workbook Assignments

C. Broaden Concept

~Field Trips

~Peer panel presentation and/or experts

~Skills USA Statesman Conference

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D. Present Skills

- ~Demonstration
- ~Observation
- ~Audiovisual Presentation

E. Develop Skills

- ~Return Demonstration
- ~Laboratory practice with supervision
- ~At home practice
- ~Skills USA competition

1. Vocational Objectives:

Students will be able to perform:

- ~First Aid for Choking
- ~Hand washing
- ~Putting on and taking off Protective Clothing (mask and gloves)
- ~Using an Electrical Thermometer
- ~Counting and Recording a Person's Pulse
- ~Counting and Recording a Person's Respirations
- ~Making an Occupied/Unoccupied Bed
- ~Measuring a Person's Height and Weight

2. Student Conduct Policy

Activities that will result in an unsafe rating and immediate dismissal include: stealing in the classroom or clinical; abusive language to an instructor, resident, classmate; inappropriate behavior with a resident; violent or aggressive behavior toward faculty, students, or residents;

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inaccurate or false reporting of care provided for or condition of a resident; and/or alcohol or drug use while attending class. All terminations will be reviewed by instructor and administration.

3. Students Rights and Responsibilities

Students have the right to discuss any concerns they have with the teacher, administrators, and school officials. Students are responsible for adhering to all classroom, school rules and regulations while in attendance and must meet all established guidelines in order to be eligible for class completion and graduation.