




Career
Academy Project



CAREERS IN HEALTH CARE


EDUCATIONAL REQUIREMENTS

- Basic Preparation
 - 4 years of science
 - Social studies
 - English
 - 4 years of math
 - Keyboarding/computer applications
 - Accounting



EDUCATION REQUIREMENTS

- Associate Degree
 - Two course of study
 - Career/technical school or Community college
- Bachelor Degree
 - Four or more years of study
 - College or university
- Master Degree
 - One or more years of work beyond a bachelor degree
- Doctorate/Doctoral/Doctor's degree
 - Two or more years of work beyond a bachelor or master's degree
 - Could be four to six years of additional study



CERTIFICATION

- Certification
 - A person has fulfilled requirements of education and performance and meets the standards and qualifications established by the professional association or government agency that regulates a particular career
- Examples include: certified dental assistant, certified laboratory technician, and certified medical assistant



REGISTRATION

- Registration – required by a regulatory body (professional association or state board) that administrators examinations and maintains a current list (registry) of qualified personnel in a give health care area.
- Examples include: registered dietitian, registered respiratory therapist, and registered radiologic technologist



LICENSURE

- Licensure – is when a government agency authorizes individuals to work in a given occupation.
- Varies from state to state
- Usually requires a person complete an approved educational program, pass a state board test, and maintain certain standards.
- Examples include: physician, dentist, physical therapist, registered nurse, counselor.



ACCREDITATION

- Accreditation ensures that the program of study meets the established quality competency standards and prepares students for employment in the health career.
- The student should make sure the college or university offers accredited programs before enrolling.
- Examples: Commission on Accreditation of Allied Health Education Programs (CAAHEP) and Accrediting Bureau of Health Education Schools (ABHES)



CONTINUING EDUCATION UNITS

- CEU's are required to renew licenses or maintain certification or registration in many states
- A individual must obtain additional hours of education in the specific health career area during a specified period
- Example: Nebraska requires registered nurses to obtain 24 to 48 CEUs every 1 to 2 years to renew licenses




EDUCATION LEVELS AND OPPORTUNITIES

- Training for most health care careers can be categorized into four levels
 - Professional
 - Technologist or therapist
 - Technician
 - Aide or assistant




CAREER LEVEL

- Professional
 - Four or more years of college with bachelor's, master's, or doctoral degree
 - Examples: medical doctor or dentist
- Can you name some others?




CAREER LEVEL

- Technologist or Therapist
 - Three to four years of college plus work experience usually bachelor's degree and possibly a master's degree
 - Examples:
 - Medical (clinical) laboratory technologist
 - Physical therapist
 - Speech therapist
 - Respiratory therapist



CAREER LEVEL

- Technician
 - Two year associate's degree, special health science technology education, or three to four years of on-the-job training
 - Examples
 - Dental laboratory technician
 - Medical (clinical) laboratory technician
 - Surgical technician



CAREER LEVEL

- Aide or Assistant
 - Specific number of hours of specialized education or one or more years of training combining classroom and/or on-the-job training
 - Examples
 - Dental assistant
 - Medical assistant
 - Nurse assistant



COMMON TREND

- Multi-competent or multi-skilled worker
 - Workers with a variety of health care skills
 - Many smaller facilities and rural areas cannot afford to hire specialists for every aspect of care
 - Example:
 - Electro-cardiograph (ECG) technician (who records electrical activity of the heart) and
 - an electroencephalographic (EEG) technologist (who records electrical activity of the brain).



ENTREPRENEUR

- Organizes, manages, assumes the risk of a business
- Examples include”
 - Dentists
 - Physicians
 - Respiratory therapists
 - Physical therapists



NATIONAL HEALTH CARE SKILL STANDARDS

1. Health Care Core Standards
2. Therapeutic/Diagnostic Core Standards
3. Therapeutic Cluster Standards (therapeutic Services)
4. Diagnostic Cluster Standards (Diagnostic Services)
5. Health Informatics Services Cluster Standards
6. Support (Environmental) Services Cluster Standards
7. Biotechnology Research and Development Standards



HEALTH CARE CORE STANDARDS

- o Academic foundation
- o Communication skills
- o Employability skills
- o Legal responsibilities
- o Ethics
- o Safety practices
- o Teamwork
- o Information technology applications
- o Technical skills
- o Health maintenance practices
- o Knowledge about the systems in the health care environment



THERAPEUTIC/DIAGNOSTIC CORE STANDARDS

- o Direct patient care in both therapeutic and diagnostic health care careers
- o Health maintenance practices
- o Patient interaction
- o Intrateam communication
- o Monitoring patient status
- o Patient movement



THERAPEUTIC CLUSTER STANDARDS

- o Knowledge and skills involved in changing the health status of the patient over time
- o Interacting with patients
- o Communicating with team members
- o Collecting information
- o Planning treatment
- o Implementing procedures
- o Monitoring patient status
- o Evaluating patient response to treatment



DIAGNOSTIC CLUSTER STANDARDS

- o Knowledge and skills involved in creating a picture of the health status of the patient at a single point in time
- o Communicating oral and written information
- o Assessing patient's health status
- o Moving and positioning patients safely and efficiently
- o Explaining procedures and goals
- o Preparing for procedures
- o Performing diagnostic procedures
- o Evaluating test results
- o Reporting required information



HEALTH INFORMATICS SERVICES CLUSTER STANDARDS

- o Knowledge and skills involved with the documentation of patient care
- o Communicating information accurately within legal boundaries
- o Analyzing information
- o Abstracting and coding medical records and documents
- o Designing and/or implementing effective information systems
- o Documenting information
- o Understanding operations to enter, retrieve, and maintain information



SUPPORT (ENVIRONMENTAL) SERVICES
CLUSTER STANDARDS

- Knowledge and skills involved with creating a therapeutic environment to provide direct or indirect patient care
- Developing and implementing the administration, quality control, and compliance regulations of a health care facility
- Maintaining a clean and safe environment through aseptic techniques
- Managing resources
- Maintaining an aesthetically appealing environment



BIOTECHNOLOGY RESEARCH AND
DEVELOPMENT STANDARDS

- Knowledge and skills involved in bioscience research and development
- Comprehending how biotechnology contributes to health and the quality of life
- Developing a strong foundation in math and science principles
- Performing biotechnology techniques, understanding and following laboratory protocols and principles
- Working with product design and development
- Complying with bioethical policies



HEALTH SCIENCE CLUSTER

- Therapeutic
 - Changing the health status of the patient over time
- Diagnostics
 - Use tests and evaluations that aid in the diagnosis and treatment
- Health Informatics
 - Managing patient data
- Support Services
 - Delivery of health care
- Biotechnology Research and Development
 - Study disease to discover new treatment