

Component 2: The Culture of Health Care

Unit 2: Health Professionals – the people in health care Lecture 3

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Unit 2 Objectives

After completing this unit, the learner will be able
to describe the education, training, certification,
licensure and roles of:

- Physician Assistants
- Pharmacists
- Respiratory Therapist, Physical Therapist,
Occupational Therapist
- Radiology and EKG Technicians
- Nutrition and Dietary Professionals

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Unit 2 Objectives

- Paramedics and EMTs
- Dental Health Professionals
- Mental Health Professionals
- Social Workers
- Case Managers

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Physician Assistant

- Education
 - Most PA applicants have a B.A.
 - Associate, Bachelors, or Masters Degree
- Training
 - Preclinical
 - Clinical
- Certification
 - Required to pass the Physician Assistant National Certifying Exam, maintaining certification requires Continuing Medical Education and recertifying every six years

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Physician Assistant

- Licensure
 - In most states licensure is by a the medical board, some states have a specific PA board
- Roles
 - Diagnose and treat patients
 - Prescribing authority
 - Hospital and nursing home rounds

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Pharmacist

- Education
 - Doctor of Pharmacy (Pharm.D.) required since 2007
- Training
 - Usually two years of general studies (usually prior to admittance)
 - Usually two years of pharmacy science
 - Usually two years of clinical pharmacy
 - Option exist for residency and fellowships

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Pharmacy

- Certification
 - There are six specialty practice areas recognized by the Board of Pharmacy Specialties; Ambulatory Care Pharmacy, Nuclear Pharmacy, Nutrition Support Pharmacy, Oncology Pharmacy, Pharmacotherapy, and Psychiatric Pharmacy

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Pharmacy

- Licensure
 - Varies by States
 - North America Pharmacy Licensure Exam (NAPLEX)
 - Multistate Pharmacy Jurisprudence Exam (MPJE)
 - Some states require a state exam instead of or in addition to the MPJE
- Roles
 - Dispensing, community and hospital based
 - Consulting, usually hospital based

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Respiratory Therapy

- Education
 - Usually an Associate Degree, but there are Bachelor's Degree's in Respiratory Therapy
- Training
 - Preclinical
 - Clinical
- Certification – two levels
 - Certified Respiratory Therapist Exam (CRT)
 - Registered Respiratory Therapist Exam (RRT)
 - Both exams are offered by the National Board of Respiratory Care

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Respiratory Therapy

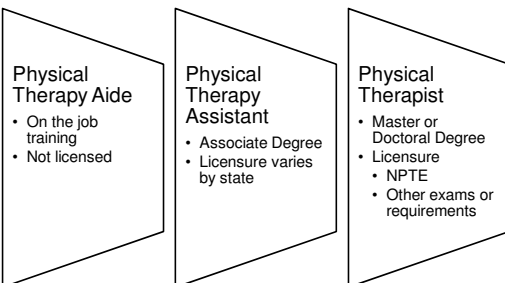
- Licensure
 - Required in most States
 - Successful completion of the CRT exam required
- Roles
 - Respiratory Assess
 - Patient Education
 - Respiratory Treatments and Medication
 - Oxygen Administration and Ventilator Support

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Physical Therapy

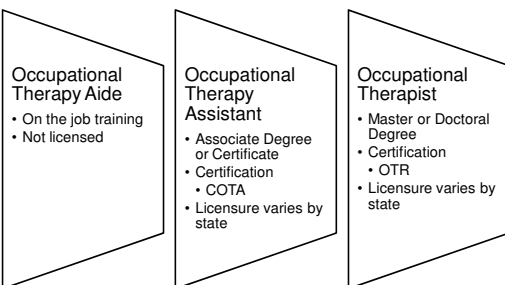


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Occupational Therapy



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Radiology Technician/ Technologist

- Education
 - Certificate, Associate Degree, Bachelor's Degree
- Training
 - Some general studies
 - Anatomy, Physiology, Math, Physics, Radiation Technology
 - Clinical practicums

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Radiology Technician/ Technologist

- Certification
 - Voluntary Certification by the American Registry of Radiologic Technologist (ARRT)
 - Accredited training program and an exam
- Licensure
 - Varies by state, but most require licensure
 - ARRT certification is often a requirement

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Radiology Technician/ Technologist

- Role
 - Help maintain and calibrate equipment
 - Position and set controls for X-Rays
 - May specialize in a specific type of Radiology like Computed Tomography, Magnetic Resonance Imaging

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EKG Technician

- Education
 - Often on the job training
 - Certificate programs usually consists of a single course
- Training
 - Basic anatomy, physiology and electrophysiology of the heart
 - Technical training on how to use the equipment, verify quality of the tracing

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EKG Technician

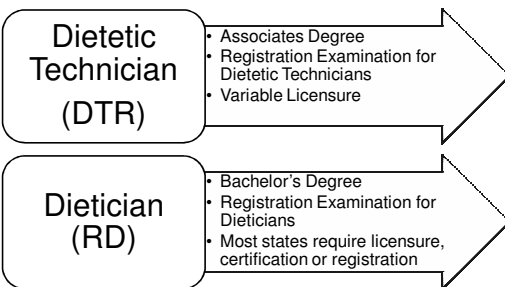
- Certification
 - There appear to be some certification exams but they do not appear to be required
- License
 - No state license required
- Role
 - It the most basic form, EKG Technicians set up the EKG equipment, run the test, evaluate whether it is an accurate recording and prepare the recording for interpretation.

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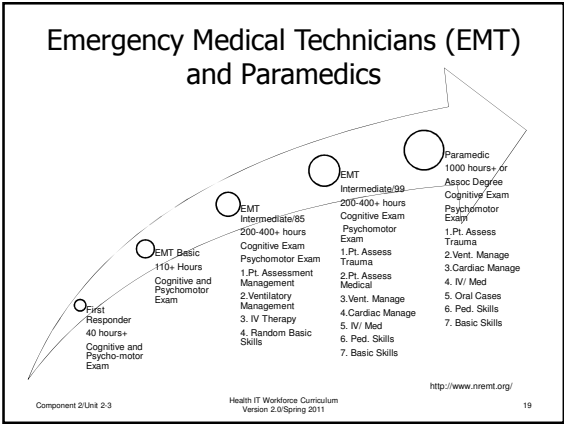
Dietetics and Nutrition

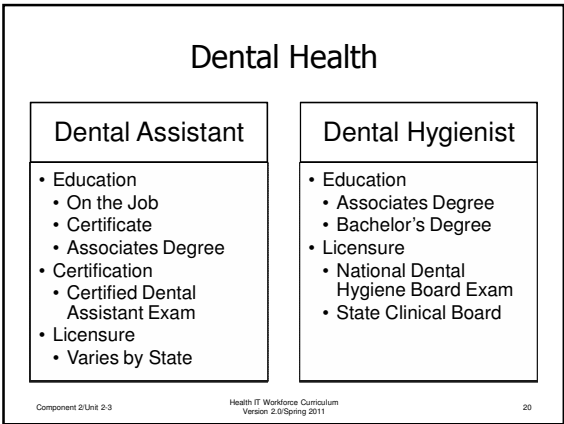


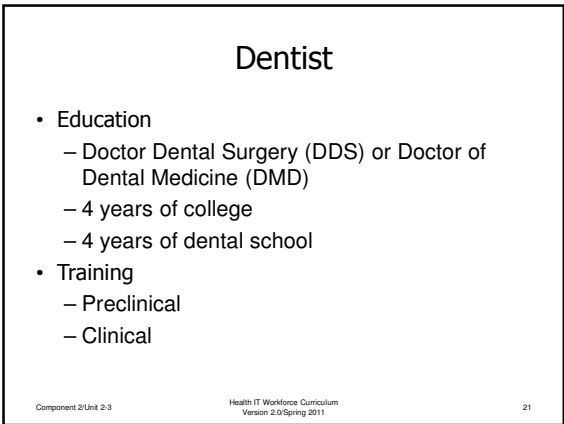
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Dentist

- Licensure
 - Dental School
 - Written National Board Dental Examinations
 - Additional written and practical examinations vary by state
- Role
 - General preventive, restorative and periodontal care

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Mental Health Professionals

Counselor

Education:
Master's
Degree

Training:
Supervised
Clinical
Experience

Psychologist

Education:
PhD

Training:
Supervised
Clinical
Experience

Psychiatrist

Education*
MD
Residency

Training: 4
Years
Residency
Training

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Mental Health Professionals

Counselor

Licensure:
Required but varies
by state

Role:
Counseling Therapy

Psychologist

Licensure:
Required but varies
by state

Role:
Counseling Therapy

Psychiatrist

Licensure:
USLME Exams
Certification:
Psychiatry Board

Role:
Counseling Therapy
May prescribe
medication

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Social Workers

- Education
 - Bachelor's Degree in Social Work (BSW)
 - Master's Degree in Social Work (MSW)
- Training
 - BSW focuses on direct service
 - MSW more clinical and supervisory training
- Licensure
 - All states and the District of Columbia require licensure, certification or registration.

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Social Workers

- Roles
 - BSW
 - Direct Service
 - Case Management
 - Health, housing, relationships, disability
 - MSW
 - Counseling
 - Case Management
 - Supervisory
 - May specialize in certain areas like mental health, substance abuse, rehabilitation

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Case Manager

- Education
 - Varies greatly to include on the job training, Associate or Certificate Programs, Nursing Degrees and Social Service Degrees
- Training
 - May include additional training specific for case management
- Certification
 - There are specific certification for "Case Managers" but does not tend to be required.

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Case Manager

- Licensure
 - Depending on Education and Training
- Role
 - A case manager is required to assess a client or patients problems and mobilize resources to enable the best ability to function

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Summary

- The education, training, certification, licensure and roles of the following health professions have been described:
 - Physician Assistants
 - Pharmacist
 - Respiratory, Physical and Occupation Therapists
 - Technicians
 - Nutrition and Dietary

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Summary

- Paramedics and EMTs
- Dental Health Professionals
- Mental Health Professionals
- Social Workers and Case Managers

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