MLT-2980: PROFESSIONAL DEVELOPMENT AND LIFE SKILLS

Cuyahoga Community College

Viewing: MLT-2980 : Professional Development and Life Skills
Board of Trustees:
2016-01-28

Academic Term:
Fall 2018

Subject Code
MLT - Medical Laboratory Technology

Course Number:
2980

Title:
Professional Development and Life Skills

Catalog Description:
Integration of knowledge acquired in basic, technical and non-technical areas in preparation for professional roles and life-long professional growth and development. Seminar discussion of clinical experience.

Credit Hour(s):
1

Other Hour(s):
1

Other Hour Details:
Seminar: 1 hour per week

Requisites

Prerequisite and Corequisite
MLT-2990 Advanced MLT Applications; and concurrent enrollment in MLT-2940 Medical Laboratory Field Experience.

Outcomes
Course Outcome(s):
Apply knowledge of professional issues encountered in the field of Medical Laboratory Technology.

Objective(s):
1. Discuss the different careers available in the profession of medical technology, including non-hospital/patient based occupations.
2. Explain the differences between the terms licensure, certification, registration and accreditation.
3. Identify the importance of continuing education to a profession; include the role of the Continuing Education Unit.
4. Identify available resources to obtain CEU's.
5. Discuss the importance of quality assurance in a clinical laboratory setting in terms of proficiency testing and intra-lab comparisons.

Course Outcome(s):
Work in accordance with ethical standards established for the medical laboratory technologist.

Objective(s):
1. Identify the major components of a Code of Medical Ethics and apply to selected situations in Clinical Laboratory Science.
2. Review the professional code of ethics for professional societies, like ASCLS.

Course Outcome(s):
Apply knowldge of education principles to design and teach curriculum for and MLT program.

Objective(s):

1. Design a set of behavioral objectives in all three domains, for a given subject.
2. Design an assessment test based on the created objectives.
3. Define behavioral objective.
4. Compare the three domains of behavioral objectives; include their purpose in curriculum construction.

Course Outcome(s):

Apply knowledge of management principles when performing scheduling, purchasing, and resolving problems for the medical laboratory.

Essential Learning Outcome Mapping:

Critical/Creative Thinking: Analyze, evaluate, and synthesize information in order to consider problems/ideas and transform them in innovative or imaginative ways.

Objective(s):

1. Given a set of scheduling criteria for a lab, the student will solve the scheduling conflicts and create a rotation schedule.
2. Analyze purchase options, given a set of data from comparisons of different technologies.
3. Appraise and propose the most cost-effective purchase option for the lab.
4. Describe components related to successful management of services and quality assurance.

Course Outcome(s):

Respect and be sensitve to the diversity of individuals.

Objective(s):

1. Explain the term diversity and related terms.
2. Recognize the various ethnic groups and other entities covered by Equal Employment Opportunity (EEO) laws for hiring and non-discriminatory behaviors, including penalies for non-compliance.
3. Explore personal experiences, beliefs, values and attitudes regarding diversity.
4. Discuss the need to accept the uniqueness of each individual and the importance of being sensitive to issues of diversity in the practice of the MLT profession.
5. Present strategies to facilitate interaction with clients of diverse backgrounds.
6. Recognize the difference in personality types, especially generational variations.

Course Outcome(s):

Utilize principles of wellness and healthy life styles to improve one's personal health.

Objective(s):

1. Examine the nature of stress and its impact on one's personal and professional life.
2. Identify the physical, emotional, behavioral manifestations of stress and determine how we respond to it.
3. Delineate factors in the workplace that commonly produce stress, and identify ways to minimize their negative aspect.
4. Detect and analyze key interventions and prevention strategies to manage stress by taking a Heath Risk Assessment (HRA) test.
5. Identify wellness course offered by Tri-C that directly impact the wellness goals prescribed by the HRA.

Course Outcome(s):

Utilize resume development and interviewing skills to search for a job in the field of medical laboratory technology.

Objective(s):

1. Explain the requisite skills for interviewing readiness and perform mock interview.
2. Critique one's own strengths and weaknesses after performing then observing mock interview tape.
3. Explain the correct procedure for creating a resume, collect valid data and then create a current resume.
4. Recall the functions and tools available to you through Key Career Place and other like career centers .

Course Outcome(s):

Research current issues and topics of concern in the field of medical laboratory technology as a lay consumer would.

Objective(s):

1. Review articles on the web or in print related to topics of recent lab concern.
2. Compare and contrast three or more references for a topic, and identify discrepancies in the sources.
3. Evaluate different types of media/sites
4. for lab test related material and recommend the best based on the findings above.

Course Outcome(s):

Apply knowledge of Laboratory Information Systems (LIS) when working in a medical laboratory.

Objective(s):

1. Describe the function and scope of the LIS.
2. Differentiate between the LIS and the HIS(Hospital Information System).
3. Name the standard operating procedures necessary to maintain an LIS.

Methods of Evaluation:

1. Quizzes
2. Examinations
3. Classroom participation seminar discussion
4. Classroom presentation
5. Case studies
6. Mock interview
7. Resume
8. Written reports

Course Content Outline:

1. Career opportunities
    a. In clincial laboratory science
    b. External, but related to clinical laboratory science
2. Educational goals
    a. Personal/professional develpment
    b. Continuing education
    c. Profficiency testing/quality assurance
3. Ethics/Privacy
    a. HIPAA
    b. Professional codes of ethics
4. Priciples of Education
    a. Objectives
    b. Domains
    c. Assessments
5. Laboratory Management
    a. Workload/scheduling
    b. Selection of lab equipment for purchase
    c. Discipline/case studies
6. Diversity
    a. EEO law and application
    b. Cultural/ethnic/generational interactions
    c. Personal beliefs
7. Discuss health and wellness
    a. 5 components of health and wellness.
    b. Life style risk factors
    c. Personal wellness plan
8. Career readiness
    a. Interviewing skills
    b. Resume creation for clinical laboratory science
    c. Job search skills
9. Consumer information
    a. Search for accurate health and consumer information from multiple sources
    b. Evaluate and compare validity and reliability of the sources
10. Describe the function and scope of laboratory information systems
    a. Compare with HIS
    b. Maintenance
11. Seminar discussion of clinical experience

    a. Weekly discussion of events
    b. Correlation with course topics

Resources

Hudson, Jane. *Principles of Clinical Laboratory Management, A Study Guide and Workbook.* 1st ed. Upper Saddle River, NJ: Prentice Hall, 2004.

Makely, Sherry. *Professionalism in Health Care.* 3rd ed. Upper Saddle River, NJ: Pearson Prentice Hall:, 2009.

Newby, Cynthia. *HIPAA for Allied Health Careers.* 1st ed. New York: McGraw Hill, 2009.

Ciulla, Anna and Lehman, Donald. *Success in Clinical Laboratory Science.* 4th ed. Upper Saddle River, NJ: Pearson, 2010.

Hubbard, Joel. *Concise Review of Clinical Laboratory Science.* 2nd ed. Philadelphia: Walters-Kluwer/LWW, 2009.

Beck, Susan and LeGrys, Vicky. *Clinical Laboratory Education.* American Society for Clinical Laboratory Science, 2007.

NP Communications. "Medical Laboratory Observer" various. 2005-10-01 00:00:00.0.

Various. "Advanceweb.com" various. 2005-10-01 00:00:00.0.

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