MLT-2980: PROFESSIONAL DEVELOPMENT AND LIFE SKILLS

Cuyahoga Community College

Viewing: MLT-2980 : Professional Development and Life Skills

Board of Trustees:
November 2024

Academic Term:
Fall 2025

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-2991 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.

Essential Learning Outcome Mapping:
Civic Responsibility: Analyze the results of actions and inactions with the likely effects on the larger local and/or global communities.

Objective(s):
1. Identify organizations that are affiliated with the medical laboratory.
2. The importance of continuing education to a profession, including the role of the Continuing Education Unit (CEU).
3. Identify available resources to obtain CEUs.
4. Discuss how healthcare facilities impact the local community and relate how the loss of one can be detrimental.
5. Describe ways to positively impact the community outside of work hours as a profession representative.

Course Outcome(s):
Explain ethical standards established for the medical laboratory.

Objective(s):
1. Identify the major components of medical ethics.
2. Review the professional code of ethics for professional societies like (Americal Society for Clinical Laboratory Science) ASCLS.
3. Explain why ethics are important within the medical laboratory.

4. Apply ethical standards to case studies to identify correct and incorrect ethical behaviors.

Course Outcome(s):

Respect and be sensitive to the diversity of individuals.

Essential Learning Outcome Mapping:

Cultural Sensitivity: Demonstrate sensitivity to the beliefs, views, values, and practices of cultures within and beyond the United States.

Objective(s):

1. Explain 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 penalties 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 medical laboratory.
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 lifestyles 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 stress' physical, emotional, and behavioral manifestations 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 Health Risk Assessment (HRA) test.
5. Identify wellness courses offered by Tri-C that directly impact the wellness goals prescribed by the HRA.

Course Outcome(s):

Develop 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.
2. Critique one’s strengths and weaknesses.
3. Explain the correct procedure for creating a resume.
4. Determine the functions and tools available to you through career centers.

Course Outcome(s):

Research current issues and topics of concern in the field of medical laboratory technology.

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 source discrepancies.
3. Evaluate different types of media/sites for lab test-related material and recommend the best based on the findings above.

Methods of Evaluation:

1. Discussions
2. Quizzes
3. Case studies
4. Mock interview
5. Resume

Course Content Outline:

1. Educational goals
   a. Personal/professional development
   b. Continuing education
2. Community
   a. Presence
   b. Representation
   c. Service
3. Ethics & Privacy
   a. Professional codes of ethics
   b. Demonstrate
   c. Incorrect behaviors
4. Diversity
   a. EEO law
   b. Cultural/ethnic/generational
   c. Personal beliefs
   d. Professionalism
5. Health and wellness
   a. 5 components of health and wellness
   b. Life style risk factors
6. Career readiness
   a. Interviewing skills
   b. Resume creation for clinical laboratory science
   c. Job search skills
7. Consumer information
   a. Accuracy in information
   b. Sources
   c. Validity
   d. Reliability
8. Describe the function and scope of laboratory information systems
   a. Compare with (Health Information Systems)HIS
   b. Maintenance
9. Seminar discussion of clinical experience
   a. Events
   b. Course topics

Resources

ASCP Board of Certification. *Board of Certification Study Guide - Clinical Laboratory Certification Examinations*. 6th ed. Chicago, IL: ASCP Press, 2018.

Carr, Jaqueline. *Clinical Hematology Atlas*. 6th ed. Independently published, 2021.

Ciesla, Betty. *Hematology In Practice*. 3rd ed. Philadelphia, PA: F.A. Davis, 2019.

Doucette, Lorraine. *Mathematics for the Clinical Laboratory*. 4th ed. St. Louis, MO: Elsevier, 2021.

Harmening, Denise. *Laboratory Management Principles & Processes. 4th*. 4th ed. St. Petersburg, FL: D.H. Publishing, 2020.

Harmening, Denise. *Modern Blood Banking and Transfusion Practice*. 7th ed. Philadelphia, PA: F. A. Davis, 2019.

Lehman, Donald and Chiasera, Janelle. *Success! In Clinical Laboratory Science*. 5th ed. New York, NY: Pearson, 2020.

Miller, Linda and Stevens, Christine Dorresteyn. *Clinical Immunology and Serology: A Laboratory Perspective*. 5th ed. Philadelphia, PA: F.A. Davis, 2021.

Mahon, Connie and Lehman, Donald. *Textbook of Diagnostic Microbiology*. 6th ed. St. Louis, MO: Elsevier, 2019.

Strasinger, Susan King and Di Lorenzo, Marjorie Schaub. *Urinalysis and Body Fluids*. 7th ed. Philadelphia, PA: F.A. Davis Company , 2021.

Sunheimer, Robert and Graves, Linda. *Clinical Laboratory Chemistry (Pearson Clinical Laboratory Science Series)*. 2nd ed. New York, NY: Pearson, 2018.

Turgeon, Mary Louise. *Linne & Ringsrud's Clinical Laboratory Science: Concepts, Procedures, and Clinical Applications*. 8th ed. St. Louis, MO: Elsevier, 2019.

Top of page

Key: 3027