

STUDENT HANDBOOK 2021-2022

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A Message to the Students

Welcome to the Texas Southmost College (TSC), Medical Laboratory Technology (MLT) Program.

This handbook has been compiled to help you with the policies utilized by this program and the available student services.

The <u>Medical Laboratory Technology Program Student Handbook</u> pertains to students that have been admitted into the program and are a supplement to the TSC Student Handbook. Through the spirit of cooperation and communication, students and faculty members share a common goal of learning. In this profession, competence is developed through diligence, determination, and patience in the clinical practicum environment and the classroom.

The degree plan for Medical Laboratory Technology has been designed to provide the student with a well-rounded curriculum that incorporates general laboratory and prepares the student academically to continue their education.

Please remember that you, the student, are the most important asset of this program. Your suggestions are welcomed, appreciated, and may be submitted at any time to the Program Faculty or Program Director.

Non-Discrimination Statement

The Texas Southmost College, Medical Laboratory Technology Program, is non-discriminatory in regard to race, creed, color, sex, age, handicap, and national origin.

No otherwise qualified handicapped individual in the United States as defined shall, solely by reason of his handicap, be excluded from participating in, be denied benefits of, or be subject to discrimination under any program or activity receiving federal assistance.

Vision, Mission, and Values of Texas Southmost College

Vision

Texas Southmost College will be a premier community college dedicated to student success.

Mission

Transforming our communities through innovative learning opportunities

Values

- Integrity by respecting the ideals of social responsibility, academic honesty, trustworthiness, personal ethics, and the courage to act.
- Access by reaching out to our diverse communities, expanding linkages with industry, and strengthening our partnerships with area ISDs and universities to create accessible and affordable educational pathways for our students, faculty, and staff.
- Service by encouraging and recognizing collaboration, teamwork, compassion, and kindness to others.
- Excellence by providing relevant, high-quality educational experiences and a supportive learning environment to advance knowledge, to promote understanding and to achieve the academic and workforce potential of students, faculty, and staff.
- Innovation by embracing emerging technologies to enhance and expand teaching, learning, and service opportunities for students, faculty, and staff.
- Success by empowering, engaging, and educating students, faculty, and staff to achieve their personal and professional aspirations for graduation, academic transfer, employment, and other educational goals

Essential Functions of the Program

Students in the program must accomplish the essential functions established by the Medical Laboratory Technology program. Essential functions include requirements that able students to engage in educational and training activities so that they will not be endangered, nor will they endanger other students, hospital staff, patients, or the public. To ensure students' essential function, a physical exam is required.

Vision

The student must be able to read charts and graphs, read instrument scales, discriminate colors,

read microscopic materials and record results.

Clear Communication

The student must be able to communicate effectively and sensitively in order to assess non-verbal communication and be able to adequately transmit information to the patient and to all members of the healthcare team.

Fine Motor Function

The student must have all the skills necessary to safely and accurately perform all the diagnostic procedures, manipulate tools, instruments, and equipment. The student must be able to perform phlebotomy safely and accurately.

Psychological Stability

The student must have the emotional health required for full utilization of his or her intellectual abilities. Must be able to recognize emergency situations and take appropriate action.

The Mission of the Program

Consistent with the mission of Texas Southmost College, the faculty of the Medical Laboratory Technology Program is committed to serving the educational needs of the citizens of the Lower Rio Grande Valley. This mission will be fulfilled by providing quality instruction, preparing the graduate to be successful on the national certification examination, and preparing the graduate with employable skills as an entry-level medical laboratory technician.

Program Goals

- **GOAL 1.** The MLT program will graduate 70 percent of the students within 21 months.
- **GOAL 2.** Upon completing the program, a minimum of 70 percent of the graduates will be employed within one year.
- **GOAL 3.** Upon completing the program, at least 75 percent of the graduates will be successful on the national certification examination.
- **GOAL 4.** Upon completing the program, at least 90 percent of the employers will be satisfied with graduates' comprehensive entry-level skills. (Cognitive, Psychomotor, and Affective Domains)

MLT Program Description

Medical Laboratory Technicians enjoy the prestige, excellent pay, and security of working in the exciting healthcare world. Graduates of the program can expect a very favorable job market and generous benefits packages associated with medical professional employment. Medical Laboratory Technicians are employed in hospitals, clinics, and doctor's offices. They can also find jobs in medical sales or, with additional training, in education.

The Medical Laboratory Technology program curriculum consists of basic science and mathematics course, on-campus medical laboratory technology lectures and laboratory courses, elective courses, and hospital-based clinical practice. Upon satisfactory completion of all requirements, the student can receive an Associate Degree in Applied Science from TSC. Graduates can take the Medical Laboratory Technician certification examination offered by the Board of Registry of the American Society of Clinical Pathologists (MLT ASCP) and the American Medical Technologist (MLT, AMT). The Medical Laboratory Technology Program has a 95% employability rate.

Admission Criteria for Applicants

The enclosed information will explain the requirements for the application process.

- Admission to TSC Contact the enrollment office for college admission requirements (956) 295-3600.
- Submission of a complete application for admission to the MLT Program located at office H3A

The admission application deadline is the 2nd Friday in July at noon.

- Submission of two letters of recommendation.
- Documentation of any certification currently held.
- Unofficial TSC transcript showing all accepted transferred courses
- Computer

Essential Functions required

- Vision accuracy- The student must be able to read charts and graphs, read instrument scales, discriminate colors, read microscopic materials, and record results.
- Clear communication- the student must be able to communicate effectively and sensitively to assess non-verbal communication and be able to adequately transmit information to the patient and members of the healthcare team.
- Fine Motor Function- The student must have all the skills necessary to safely and accurately perform all the diagnostic procedures, manipulate tools, instruments, and equipment. The student must be able to perform phlebotomy safely and accurately.
- Psychological Stability- The student must have the emotional health required for full utilization of his or her intellectual abilities. Must be able to recognize emergency situations and take appropriate action.

Prerequisite Courses

- BIOL 2301 Anatomy & Physiology I
- MATH 1342* Elementary Statistical Methods
- ENGL 1301 Composition
- Note: *MATH 1314 College Algebra or higher accepted

Selection Criteria: 126 Points Possible

Applicant pool ranking will be based on points received for prerequisite courses grades,

chemistry course, healthcare experience as volunteer or work, and academic accomplishments (See the list below):

- 1. Points for BIOL 2301, Math 1342 or higher, and ENGL 1301: A = 8, B = 6, C = 4
- 2. Points for CHEM 1305 or CHEM 1311: A =12, B=10, C = 8
- 3. Documentation for healthcare work experience

(minimum six months): 10 points

- 4. Completion of Bachelor degree: 50 points
- 5. Completion of an Associate degree: 20 points
- 6. Transcripts: 10 points

Applicants will be notified by e-mail whether they have been or have not been selected into the program.

Requirements after acceptance into the TSC MLT program are:

- 1. Uniform
- 2. Mandatory attendance to the MLT Program orientation at the scheduled day and time. (You will receive this information on your acceptance letter).
- 3. Students are admitted to the TSC MLT program on provisional status pending completing the criminal background check, physical exam, CPR certification, drug screen, and up-to-date immunizations.

Admission is non-discriminatory regarding race, creed, sex, age, handicap, or national origin. For more information, don't hesitate to get in touch with me at consuelo.villalon@tsc.edu. You can also access information at www.tsc.edu/mlt

Sincerely,

Consuelo Villalon, Ph.D., M.P.H., M.T (AMT)

MLT Program Director

Effective September 1, 2017, HB 1508, 85th Leg., R.S. (2017), amended Chapter 53 of the Texas Occupations Code to add Subchapter E relating to notice to applicants to and enrollees in certain educational programs regarding the consequences of a criminal conviction on eligibility for an occupational license.

According to Chapter 53, Subchapter E, of the Texas Occupations Code, please be advised that Texas Southmost College offers programs that lead to an occupational license as defined under Texas Occupations Code 58.001. Licensing authorities may have guidelines concerning prior criminal convictions that would make an individual ineligible for issuance of a given license. If you are enrolled in a program that may prepare an individual for an occupational license and/or if you later decide to change to a program that prepares you for an occupational license as defined under Texas Occupations Code 58.001, following state law, please be advised of the following:

- 1. An individual who has been convicted of an offense may be ineligible for issuance of an occupational license upon completion of the educational program;
- 2. Each licensing authority that may issue an occupational license to an individual who completes an educational program must establish guidelines that state the reasons a particular crime is considered to relate to a specific license and any other criterion that affects the

decisions of the licensing authority.

- 3. Local or county licensing authorities may issue additional guidelines related to criminal history. Applicants should contact their respective local or county licensing authority for more details.
- 4. A person may request a criminal history evaluation letter regarding the personal eligibility for a license issued by a licensing authority under Texas Occupations Code 53.102. Note that the provisions of Chapter 53 of the Texas Occupations Code relating to the consequences of criminal conviction do not apply to licenses granted by the Supreme Court of Texas, law enforcement officers (Texas Occupations Code Chapter 1701), emergency medical services personnel (Texas Health and Safety Code Chapter 773), or persons licensed by the Texas Medical Board, the Texas State Board of Pharmacy, the State Board of Dental Examiners, or the State Board of Veterinary Medical Examiners that have been convicted of a felony under Chapter 481 or 483 or Section 485.003 of the Texas Health and Safety Code. If you are seeking one of these licenses, please be aware that other provisions of the law may be applicable relating to the consequences of a criminal conviction.

All applicants to and enrollees of Texas Southmost College are encouraged to review all applicable eligibility requirements related to the respective occupational license. Questions related to eligibility requirements should be directed to the applicable licensing authority.

A.A.S. - Medical Laboratory Technology Pre-Program Courses

BIOL 2301 Anatomy and Physiology I (3 credit hours)

General biological principles; cellular biology; emphasis on human integumentary, skeletal, muscular, and nervous systems and related topics.

Prerequisites or concurrent enrollment: BIOL 2101

MATH 1342 Elementary Statistical Methods (3 credit hours)

This course covers the collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended. Prerequisite: TSI met in math or "C" or better in MATH 0320, MATH 0322, or "Passing" in MATH 0022. Lec 3, Cr 3

ENGL 1301 Composition I (3 credit hours)

This course is a continuation of ENGL 1301 and emphasizes analytical writing in response to literature. A research essay is required. Prerequisite: Lec 3, Cr 3

Institutional Accreditation

The Texas Southmost College (TSC) is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools. TSC course offerings are approved by Texas Higher Education Coordinating Board, Texas College, and University System, and Texas Education Agency.

Program Accreditation

The TSC MLT Program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

5600 N. River Rd. Suite 720 Rosemont, Il 60018-5119 Phone: 773- 714- 8880 Fax: 773- 714- 8886

Website: http://www.naacls.org

MLT Program Non-Compliance Policy

The Texas Southmost College Medical Laboratory Technology Program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). This agency set the standards for the nation's colleges and universities. This program will promote quality and safety for all patients, quality education, ongoing assessment of curricula, student services, student learning outcomes, and qualify its graduates for licensure.

If for some reason, you feel that the program is not providing for academic excellence, health care quality, or patient safety, you may follow the guidelines below:

Guidelines:

- 1. The student shall provide in writing their complaints to the program director
 - a. State areas of non-compliance
 - b. Date and sign the complaint document
- 2. The program director shall respond in writing within seven working days to the allegation or complaints
 - 3. If a student is not satisfied, the complaint shall be forwarded to the Dean of the Health Professions Division.
 - 4. Number 3 is the final step before submitting a complaint to NAACLS at

http://www.naacls.org/

Faculty

Name: Consuelo Villalon, Ph.D, MPH,

MT (AMT)

Program Medical Laboratory

Area: Technology Program, Director

Office Location: ITECC H3A-209

Phone: 956-295-3517

Email: consuelo.villalon@tsc.edu

Name: Maria Del Carmen Rodriguez, MHA,

BS, MT (AMT)

Program Area:

Medical Laboratory Technology

Program

Office ITECC H3A- 223

Location:

Phone: 956-295-3520

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Certification Requirements

Upon satisfactory completion of all requirements, the student can receive an Associate Degree in Applied Science from TSC. The issuing of the degree IS NOT contingent upon the student passing any external certification or licensure. Graduates can take the Medical Laboratory Technology examination offered by the Board of Registry of the American Society of Clinical Pathologists (MLT ASCP) and the American Medical Technologist (MLT, AMT).

Student Records

The student transcript is maintained permanently by the Office of Registrar. In addition, the MLT program supports two sets of records on the Medical Laboratory Technology student in the program director's office. One is a personal file **that** contains admission documents, applications, transcripts, and counseling or advising documents. Another separate file contains lecture and clinical practicum information, such as the record of examinations completed, clinical practicum attendance, and other lecture and clinical practicum education data. These documents are secured and may be reviewed by the student making arrangements with the program director.

Student Work Policy

As in all the Allied health programs at TSC, students working full-time while enrolled in a program is challenging and not recommended since work schedules generally conflict with class and/or clinical practicum rotations.

The program's policy is that students are not required to perform service work at any clinical affiliate after attaining entry-level competency. Students in this program will not be substituted for regular staff even though they may be competent in a certain aspect of the laboratory. Suppose a student be employed in any laboratory facility that is an affiliate of the program. In that case, they may do so only when it does not involve or conflict with program activities. Additionally, should a student be employed by a facility where clinical practicum rotation is usually conducted, they may not use "employer time" to substitute for program clinical practicum requirements.

Behavioral Conduct

TSC Medical Laboratory Technology students will be expected to conduct themselves in such a manner as to reflect favorably upon themselves and the program. Every effort is taken to provide students with an academic environment conducive to academic endeavors, social growth, and individual self-discipline. TSC assumes that students eligible to perform on the community college level are familiar with the ordinary rules governing proper conduct. They will observe these rules as a matter of training and habit.

Professional Ethics/Confidentiality

Student Code of Ethics

As a student in the Medical Laboratory Technology program, I hereby pledge to:

- 1. Conduct myself with the highest degree of honesty and integrity and never betray the trust placed in me by my instructors.
- 2. Accept responsibility for my own work and results.
- 3. professionally conduct myself both on and off-campus, and thus help reflect a positive image for my school.
- 4. Assume a professional manner in attire and conduct.
- 5. Practice good safety habits in the laboratory and when handling biologically hazardous materials.
- 6. Safeguard the dignity and privacy of patients and confidentiality of patient information. Students will meet the requirements for the Health Insurance Portability and Accountability Act (HIPAA). The student will not EVER bring ANY protected health information. Suppose the student needs to provide information to the instructor [off clinical site] about a patient as part of my training. In that case, I will give only de-identified information which would not be subject to HIPAA."
- 7. Treat all body fluids and specimens with great respect; always remember that they are collected from fellow human beings to help improve their quality of life.
- 8. Establish and maintain a rapport with other health professionals.
- 9. Establish the confidence of the patient through kindness and empathy.
- 10. Hold colleagues and profession in high esteem.

11.

Avoid plagiarism and follow copyright guidelines.

Health Data Form

All incoming students in Medical Laboratory Technology Program must be deemed in good health to perform the essential functions. A physical examination, up-to-date immunization, and drug screen are required upon enrollment. Students should contact the program director for

information on health requirements.

Liability Insurance

All students in the Medical Laboratory Technology Program are required to have professional liability insurance. This insurance is provided on a group basis. The cost for the professional liability insurance is included in the fees paid during Semester in which a clinical practicum course is required.

Grievance Procedure

The student grievance procedure at TSC intends to assure the aggrieved student of due process in the disposition of the grievance or complaint. While the procedure will not guarantee the student that the result will be satisfactory, the community college intends to provide good options for resolving the matter.

The filing a grievance procedure can be found in the official TSC student's handbook.

Grievances -Grade Appeals

Course grade grievances must be initiated by contacting the instructor or individual the grievance arose within 30 days of the grade report. An effort to resolve the matter informally should be made. If the student is not satisfied with the decision, the student may appeal in writing within 21 days to the director of the program or and chair of the department from which the grade was issued. Disputes not satisfactorily resolved within 21 days may be appealed in writing to the school of Health Professions Division Dean, who will render the final decision. For more information, please refer to the TSC student's handbook.

Grievances -Other than Grade Appeals

In attempting to resolve any student grievance, it is the obligation of the student first to make a serious effort to resolve the matter with the individual with whom the grievance originated. Grievances involving issues other than grades are appealed to the Program Director, if appropriate to the Health Professions Division Dean, then to the Vice President. Appeals must be submitted in writing. For more information, please refer to the TSC student's handbook.

Students Complaints

The Medical Laboratory Technology Program is exercising open communication with faculty and students. If problems arise, students have the freedom to communicate with the Program Director. If faculty are involved, the program director will meet with both parties to find the best resolution to the complaint.

MLT Program Probation Policy

Probation is a trial period in which the student must improve or be withdrawn from the program.

At the discretion of the Medical Laboratory Technology Program Director, a student may be placed on probation in the Medical Laboratory Technology Program for any of the following reasons.

- 1. Non in compliance with the TSC Satisfactory Program policy (SAP policy)
- 2. Unsatisfactory performance in lecture and laboratory procedures (scores below 75)
- 3. Unsatisfactory Lecture and Laboratory attendance and punctuality
- 4. Unsatisfactory performance in the clinical practicum
- 5. Unsatisfactory clinical practicum attendance and punctuality
- 6. The inability to maintain physical and mental health necessary to function in the program

The time and terms of probation are to be determined by the Health Professions Division Dean and the Medical Laboratory Technology program faculty that follow the TSC probation policies and departmental policies.

TSC Academic Probation and Dismissal

Students who begin any semester term in Good Academic Standing but fail to maintain a cumulative GPA of 2.0 or higher are placed on Academic Probation. Notification of probationary status is communicated electronically through students' TSC email addresses. Students may re-enroll for one (1) semester term after meeting with an Advising. Student status is evaluated after each semester term. Students must earn a semester term GPA of 2.0 or higher to remain enrolled while on Academic Probation.

Upon completion of the above requirements, any appropriate Academic Hold will be cleared on student records.

Academic Probation status is removed when students earn both cumulative 2.0 GPA

Continued Academic Probation

After the first (1) semester of Academic Probation Status, students may re-enroll at Texas Southmost College on a Continued Academic Probation status after meeting with an Advisor. Student status is evaluated after each completed semester/session. Students must meet minimum academic (2.0 GPA) standards for each subsequent semester term until the student has a

cumulative GPA of 2.0. The Continued Academic Probation status is removed when students earn both a cumulative 2.0 GPA.

Academic Dismissal (First or Second Academic Dismissal)

If students on Academic Probation or Continued Academic Probation fail to earn a semester term GPA of 2.0 or fail to earn a cumulative GPA of 2.0 in the next semester term following the probation status, they will be placed on Academic Dismissal. Students placed on Academic Dismissal will receive an email notification to their TSC email account.

After remaining out for one (1) semester term for each of the First or Second Academic Dismissals, students may re-enter on Academic Probation only after receiving advisement.

Students re-admitted must continually earn a semester term GPA of 2.0 or above until Good Standing is reached to remain enrolled.

Students who wish to remain in school may petition for an exception. Exceptions granted will be re-enrolled under the status of Continued Academic Probation.

Students may re-enroll in Good Standing if minimum academic standards have been met at another accredited college or university during the period of dismissal.

Students placed on Academic Dismissal for the third (3) time will not enroll for one (1) calendar year.

Students placed on Academic Dismissal or Academic Suspension at their previous institutions and seeking to transfer to Texas Southmost College must follow the policies outlined above.

Academic Dismissal (Third Academic Dismissal)

A student on Academic Dismissal for a third (3) time or more will not be permitted to enroll at Texas Southmost College for one (1) calendar year, after which a petition may be made for readmission. The Admission and Records office can provide information and deadlines on the petition process. Academic Probation status is removed when students earn a cumulative 2.0 GPA.

MLT Student Classroom

Medical Laboratory Technology Program lectures and lab courses are taught at the ITEC Center. Specific times are published in the TSC course schedules.

Laboratory and Tutoring

Students may utilize the Medical Laboratory Technology laboratory to practice the laboratory procedures. A student can do this by scheduling time with the faculty or program director because unit use is ONLY allowed in the presence of a faculty member. Students can use the labs to study/ read their textbook but need to notify a faculty member. Students may request

tutoring services.

MLT Course Requirements

All first-year courses must be completed successfully before entering the more advanced course(s) the following year. Due to the structure and chronological order of these classes, if a student should be unsuccessful, he/she would be unable to continue in consecutive courses until the failed course is completed the following year. Under these circumstances, the student will be required to submit an additional application. Re-admission to a Medical Laboratory Technology course is not guaranteed but offered only on a space-available basis. It is expected that each student will successfully demonstrate competency in the classroom, laboratory, and clinical sites. Since this is a competency-based program, each instructor will give the student a course syllabus and objectives to be mastered. MLT courses will use the following scale:

Grading Conversion Table

Letter Grade	Percentage
A	92-100
В	82-91
С	75-81
D	60-74
F	Below 60

For any MLT course, a grade of at least a "C" must be earned. Any MLT course of a "D" or lower is not considered passing and must be repeated. A student will not be allowed to test out of a course.

MLT Course Description

CHEM 1305 Introduction to Chemistry I (3 credit hours)

A terminal course in chemistry for non-science majors or Technician students. Major topics covered are atomic and molecular structure, chemical bonding, the states of matter, solution calculations, and acid-base concepts; includes a brief introduction to organic chemistry and biochemistry. Concurrent enrollment. CHEM 1105. Lec. 3, Cr 3

OR

CHEM 1311 General Chemistry I (3 credit hours)

Study of atomic and molecular structure, chemical stoichiometry, chemical bonding, states of

matter, solutions and colloids, and acid-base concepts. Prerequisite: Credit for two years of high school algebra OR credit or registration for MATH 1314. Lec 3, Cr 3

MLAB 1201

Course Title: Introduction to Clinical Laboratory Science

Course Level: Introductory

Course Description: This course introduces medical laboratory science, structure, equipment, and philosophy. Prerequisite(s): BIOL 2301, CHEM 1305, MATH 1342, and ENGL 1301. Lec 1, Lab 3, Cr 2.

Learning Outcomes: The students will perform laboratory math, identify laboratory equipment, and describe quality control, safety, accreditation, certification, professionalism, and ethics.

MLAB 1311

Course Title: Urinalysis and Body Fluids

Course Level: Introductory

Course Description: This course is an introduction to the study of urine and body fluid analysis. Includes the anatomy and physiology of the kidney, physical, chemical and microscopic examination of urine, cerebrospinal fluid, and other body fluids as well as quality control, quality assurance and safety. Prerequisite(s): MLAB 1201, PLAB 1323, MLAB 1415, MLAB 1227, and PLAB 1166. Lec 2, Lab 4, Cr 3.

Learning Outcomes: The student will apply principles of safety, quality assurance and quality control; evaluate specimen acceptability; explain principles of each test included in a routine urinalysis; describe the composition, formation and function of selected body fluids; explain the anatomy and functions of the renal system; and evaluate and correlate laboratory results with patient conditions.

PLAB 1323

Course Title: Phlebotomy Course Level: Introductory

Course Description: This course is based on the Skill development in the performance of a variety of blood collection methods using proper techniques and standard precautions. Includes vacuum collection devices, syringes, capillary skin puncture, butterfly needles and blood culture, and specimen collection on adults, children, and infants. Emphasis on infection

prevention, patient identification, specimen labeling, quality assurance, specimen handling, processing, accessioning, professionalism, ethics, and medical terminology. Prerequisite(s): BIOL 2301, CHEM 1305, MATH 1342, and ENGL 1301. Lec 2, Lab 4, Cr 3.

Learning Outcomes: The student will demonstrate infection control and safety practices; describe quality assurance as it relates to specimen collection; explain the role of specimen collection in the overall patient care system; identify collection equipment, various types of additives used special precautions necessary, and substances that can interfere in clinical analysis of blood constituents; demonstrate venipuncture and capillary puncture techniques on adults, children, and infants; and explain requisitioning, transport and processing.

PLAB 1166

Course Title: Clinical Phlebotomy

Course Level: Intermediate

Course Description: This course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Clinical 128, Cr 2.

Learning outcomes: As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

MLAB 1335

Course Title: Immunology/Serology

Course Level: Introductory

Course Description: This course is an introduction to the theory and application of basic immunology, including the immune response, principles of antigen-antibody reactions, and the principles of serological procedures as well as quality control, quality assurance, and safety. Prerequisite(s): MLAB 1201, PLAB 1323, MLAB 1415, MLAB 1227, and PLAB 1166. Lec 2, Lab 2, Cr 2.

Learning Outcomes: The student will apply principles of safety, quality assurance and quality control in Immunology/Serology; evaluate specimen acceptability; describe the principals involved in the immune response; identify the structure, function, and characteristics of immunoglobulin; explain the principles of and perform serological tests; and evaluate and correlate test results with associated diseases or conditions.

MLAB 2534

Course Title: Microbiology Course Level: Advanced

Course Description: This course is an instruction in the theory, practical application, and pathogenesis of clinical microbiology, including collection, quality control, quality assurance, safety, setup, identification, susceptibility testing, and reporting results. Prerequisite(s): MLAB 1201, PLAB 1323, MLAB 1415, MLAB 1227, and PLAB 1166. Lec 3, Lab 6, Cr 5.

Learning Outcomes: The students will apply principles of safety, quality assurance and quality control in Clinical Microbiology; evaluate specimen acceptability; describe morphology and physiology of microbes; identify and classify microorganisms; demonstrate sterile technique; perform and interpret antimicrobial susceptibility testing; select additional procedures based on preliminary results; and correlate test results with patient conditions.

MLAB 1231

Course Title: Parasitology/Mycology

Course Level: Introductory

Course Description: This course is a study of the taxonomy, morphology, and pathogenesis of human parasites and fungi, including the practical application of laboratory procedures, quality control, quality assurance, and safety. Prerequisite(s): MLAB 1201, PLAB 1323, MLAB 1415, MLAB 1227, and PLAB 1166. Lec 1, Lab 3, Cr 2.

Learning Outcomes: The student will apply principles of safety, quality assurance, and quality control; evaluate specimen acceptability; describe basic morphology and physiology of parasites and fungi; classify parasites and fungi; perform appropriate laboratory techniques used in the processing of specimens and identification of parasites and fungi; and evaluate and correlate test results with patient conditions.

MLAB 1415

Course Title: Hematology Course Level: Introductory

Course Description: This course covers the study of blood cells in normal and abnormal conditions. Instruction in the theory and practical application of hematology procedures, including quality control, quality assurance, safety, manual and/or automated methods as well as blood cell maturation sequences, and normal and abnormal morphology with associated diseases. Prerequisite(s): BIOL 2301, CHEM 1305, MATH 1342, and ENGL 1301. Lec 2, Lab 6, Cr 4.

Learning Outcomes: The student will apply principles of safety, quality assurance and quality control in Hematology; evaluate specimen acceptability; compare and contrast hematology values under normal and abnormal conditions; perform and explain principles and procedures of tests to include sources of error and clinical significance of results; and evaluate normal and abnormal cell morphology with associated diseases

MLAB 1227

Course Title: Coagulation Course Level: Introductory

Course Description: This course is based in coagulation theory, procedures, and practical applications. This course includes quality control, quality assurance, safety and laboratory procedures which rely on commonly performed manual and/or semi-automated methods. Prerequisite(s): BIOL 2301, CHEM 1305, MATH 1342, and ENGL 1301. Lec 1, Lab 2, Cr 2.

Learning Outcomes: The student will apply principles of safety, quality assurance and quality control in coagulation; evaluate specimen acceptability; compare and contrast coagulation processes under normal and abnormal human conditions; perform basic laboratory coagulation analysis; and evaluate laboratory test results and correlate with patient conditions.

MLAB 1260, 1263, 2260, 2263

Course Title: Clinical - Clinical/Medical Laboratory Technician

Course Level: Advanced

Course Description: This course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

Learning Outcomes: The student as outlined in the learning plan will apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economical, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

MLAB 2401

Course Title: Clinical Chemistry

Course level: Intermediate

Course Description: This course is an introduction to the principles, procedures, physiological basis, and significance of testing performed in Clinical Chemistry. Includes quality control, reference values, and safety. Prerequisite(s): MLAB 2431 and MLAB 1260. Lec 2, Lab 6, Cr 4.

Learning Outcomes: The student will apply principles of safety, quality assurance and quality control in Clinical Chemistry; evaluate specimen acceptability for chemical analysis; compare and contrast human body chemistry levels under normal and abnormal conditions; explain and perform procedures found in a clinical chemistry laboratory; and evaluate laboratory test outcomes and correlate test results with patient conditions.

MLAB 2431

Course Title: Immunohematology

Course Level: Advanced

Course Description: This course covers the study of blood antigens and antibodies. It presents quality control, basic laboratory technique, and safety. Includes the principles, procedures and clinical significance of test results in genetics, blood group systems, pre-transfusion testing, adverse effects of transfusions, donor selection, and components, and hemolytic disease of the newborn.

Learning Outcomes: The student will apply principles of safety, quality assurance and quality control in Immunohematology; evaluate specimen acceptability; describe blood group genetics, characteristics of the blood group systems, and the principles of immunology as they relate to immunohematology; list the requirements for the donation of blood; and describe the preparation, storage, and use of blood components; evaluate laboratory test results; select additional procedures to be performed; correlate test results with patient conditions; and describe the principles of and perform routine blood bank tests.

MLAB 2132

Course Title: Seminar in Medical Laboratory Technology

Course Level: Advanced

Course Description: This course is designed to reinforce didactic information with laboratory methodologies and to allow exploration of advanced techniques in medical laboratory technology. Prerequisite(s): MLAB 2401 and MLAB 1263. Lec 1, Lab 1, Cr 1.

Learning Outcomes: The student will correlate the patient aspects of disease states; analyze critical data; and explain the integration between the various laboratory disciplines.

Estimated Cost for the Medical Laboratory Technology Program

	Resident	Resident	
First Semester (Fall)	(In District)	(Out-District)	Non-Resident
Tuition/Fees	\$1,482.00	\$2,000.00	\$2,582.00
Books and other fees	\$400.00	\$400.00	\$400.00
Uniforms/Shoes	\$200.00	\$200.00	\$200.00
Castle Branch	\$100.00	\$100.00	\$100.00
Total	\$2,182.00	\$2,700.00	\$3,282.00
Second Semester (Spring)			
Second Semester (Spring) Tuition/Fees	\$1,716.00	\$2,366.00	\$3,016.00
Books and other fees			
	\$200.00	\$200.00	\$200.00
Total	\$1,916.00	\$2,566.00	\$3,216.00
Third Semester (Summer III)			
Tuition/Fees	\$897.00	\$1,197.00	\$1,497.00
Books and other fees	\$200.00	\$200.00	\$200.00
Total	\$ 1,097.00	\$1,397.00	\$1,697.00
Founds Composton (Foll)			
Fourth Semester (Fall)	¢1 265 00	¢1.0 <i>6</i> 5.00	¢2 265 00
Tuition/Fees	\$1,365.00	\$1,865.00	\$2,365.00
Books and other fees	\$200.00	\$200.00	\$200.00
Total	\$1,565.00	\$2,065.00	\$2,565.00
Fifth Semester (Spring)			
Tuition/Fees	\$1,131.00	\$1,531.00	\$1,931.00
Books and other fees	\$200.00	\$200.00	\$200.00
Total	\$1,331.00	\$1,731.00	\$2,131.00
ESTIMATED TOTAL COST:	\$8,091.00	\$10,459.00	\$12,891.00
	• /	• /	• /

Additional costs include certain required immunizations and clinical liability insurance.

Course Substitution

Course substitutions for supportive requirements may be carried out only if the course to be substituted is equal or superior in content to the course required by the Medical Laboratory Technology program curriculum.

Transfer Credits from Other Institutions

Previous coursework satisfactorily completed at accredited institutions will be evaluated for transfer and applied to the Texas Southmost College degree program.

Upon the student's request, a transcript will be evaluated after registering for The Texas Southmost College credit classes. The request should be made through a counselor or department head. An official transcript is required from each college attended. When the evaluation is complete, the number of transferred hours will be recorded on the TSC transcript.

Graduation candidates are responsible for complying with the catalog's section stating graduation criteria: specifically, the grade points average required for graduation.

Transfer Policy

PURPOSE:

To provide a mechanism for students from other Medical Laboratory Technology programs to enter the TSC Medical Laboratory Technology program appropriately.

POLICY:

A student from an accredited Medical Laboratory Technology program may receive transfer credit and enter the TSC Medical Laboratory Technology program at the appropriate level. The program must meet the approval of the NAACLS.

GUIDELINES:

- 1. The transfer student must meet all general requirements for the Associate in Applied Science Degree, as outlined in the TSC catalog.
- 2. The office of Admissions evaluates all student transcripts and will apply for the appropriate credit.
- 3. The Medical Laboratory Technology program director will evaluate any previous MLT course to determine the nature, content, and level. A student may receive full or partial credit for a course they have completed; a test(s) to assess laboratory skill competencies and knowledge of the content area(s) will be required.

Counseling Services

TSC is staffed with counselors to assist students. In addition, counselors are available at TSC 80 Fort Brown Campus.

The Counseling Center provides various services to all students pursuing academic or vocational/technical programs of study. In addition, the Center offers group and individualized programs to help students deal with academic, career, and personal concerns. All information relating to the counseling services is discreet and confidential.

Advising

The program director will be the advisor for each student upon admission to provide information about the academic program and assist in making informed decisions. In addition, during pre-registration, the program director may be consulted for adding/dropping a course and withdrawing from the Medical Laboratory Technology Program. All advising sessions will be documented.

Disability Services

Texas Southmost College complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. It does not discriminate based on a disability in admission, accessibility, treatment, and employment. Individuals with disabilities, as defined under the law, who are otherwise qualified to meet the institution's academic requirements will be provided with services and resources accordingly. Students and employees must submit the appropriate documentation of the disability by a qualified professional whose license or credentials are appropriate to diagnose. For students with disabilities, reasonable accommodations are made to allow the individual student to succeed at TSC. Accommodations are provided for those students who submit the documentation of the disability by a qualified professional whose license or credentials are appropriate to diagnose the disability. TSC supports efforts in making the campus more accessible and encourages individuals with disabilities to participate in all activities. Students seeking assistance should contact the office of Disability Support Services.

Student Financial Aid Services

TSC provides financial aid to assist students. Financial assistance for eligible students is available in grants loans, college work-study, veterans' benefits, and scholarships. The college catalog contains information on financial aid made available to all students. Students enrolled in the Medical Laboratory Technology program are encouraged to visit the financial assistance department and obtain available financial resources.

Library Facility

The UTRGV University Library is located at West University Blvd.

Monday - Thursday 7:30 am - 10:00 pm

Friday 7:30 am - 5:00 pm

Saturday 8:00 am - 5:00 pm

Sunday 12:00 pm - 9:00 pm

Phone: 956-882-8221

Students enrolled in the Medical Laboratory Technology Program have access to library cards. The library has books covering Hematology, Microbiology, Immunology, Immunohematology, Coagulation, Microbiology, Parasitology, Urinalysis, and other related sciences. In addition, the library offers outstanding computerized searching in all subject fields through more than 50 subscription databases, selected Internet sites, newspapers and journals.

The library also has a Circulation Department, a Reference Department with a computer lab, a Technical Service Department, Interlibrary Loan Department, The Hunter Room for archival and genealogical research, study rooms, study areas, and carrels and copying machines to accommodate students.

The Medical Laboratory Technology Program counts with a study room that provides students with MLT fields, computers, printers, scanners, and internet services.

The Learning Assistance Center

TSC has a Learning Assistance Center that serves as an academic resource for students. Proactively, it responds to the needs of the population it serves and is committed to helping the general student population succeed in a college environment. Learning specialists and peer tutors assist students in many areas of study, emphasizing reading, writing, mathematics, language acquisition, test-taking, and study skills. Students have the Brain Fuse for tutor purposes.

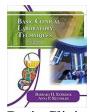
Professional Organization

The American Society for Clinical Laboratory Science is the <u>national organization</u> of the profession. The ASCLS holds an annual meeting each summer in one of the major cities of the United States of America. Student membership is approximately \$25.00 a year.

MLT Required Textbooks



Clinical Hematology Atlas Edition – Latest (3rd edition) ISBN-10: 0-7216-0395-5 ISBN-13: 978-0-7216-0395-7 Authors: Carr and Rodak Publisher: Saunders, Elsevier



Basic Clinical Laboratory Techniques, 6th Edition Barbara H. Estridge Auburn University Anna P. Reynolds Auburn University ISBN-13: 978-1111138363 ISBN-10: 9781111138363 2012 •Cengage Learning



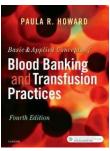
Hematology in Practice

Edition: 3nd

By Betty Ciesla, MS

ISBN-13: 978-0-8036-6824-9

2015 • F.A. Davis Company

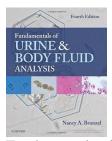


Basic & Applied Concepts of Blood Banking and Transfusion Practices

Edition – fourth edition ISBN: 978-0-323-37478-1

Author(s) Kathy D. Blaney; Paula Howard

Publisher: Mosby



Fundamentals of Urine and Body Fluid Analysis - 4th Edition,

Nancy A. Brunzel

ISBN-13: 978-0323374798 ISBN-10: 0323374794

Elsevier



SUCCESS! in Clinical Laboratory Science, 4/E Anna Ciulla, Califronia State University, Sacramento Donald Lehman, California State University, Sacramento ISBN-10: 0135126487 ISBN-13: 97801351264869780135126486

Copyright: 2010 • Prentice Hall • Paper, 1176 pp

Published 04/03/2009 •

Suggested retail price: \$105.00



Textbook of Diagnostic Microbiology, 6th Edition

By: Connie R. Mahon, MS, MT(ASCP), CLS and Donald C. Lehman, EdD, MT(ASCP),

SM(NRM)

ISBN-13: 978-0323613171 ISBN-10: 0323613180



Contemporary Clinical Immunology and Serology 1st Edition

By: Kate Rittenhouse-Olson and Ernesto DeNardin

ISBN-13: 978-0135104248 ISBN-10: 0135104246

Note: No additional books are required at this time but may be subject to change

Dismissal/Withdrawal/Readmission Policy

A student may be dismissed from the program for the following reason:

- 1. Failure to achieve a grade of 75 in any MLT course components: Lecture (cognitive), laboratory (psychomotor), and affective (behavior).
- 2. Failure to complete laboratory and/or clinical practicum competencies during any MLT course.
- 3. Inability to adhere to the attendance policy.
- 4. Unprofessional appearance or unprofessional conduct.
- 5. Failure to comply with safety, infection control, and HIPAA rules.
- 6. Failure to comply with rules and regulations of the Program, TSC, or affiliating agency.

The Program Director will make the final decision for dismissal after consultation with the faculty, student, and the Dean of Health Professions Division.

Withdrawal

A student who wishes to withdraw from the Program after registration must meet with the Medical Laboratory Technology Program Director, notify the registrar and the office of the Vice President of Student Services, return all borrowed books and equipment, and clear all accounts. In addition, the Program Director will conduct an exit interview to assure proper advisement, documentation of student records, and plans for readmission as appropriate.

Readmission

Students may be readmitted to the Medical Laboratory Technology Program once after withdrawal or failure of a course. Students who have been dismissed for unsafe clinical practicum practice are not eligible for readmission. Readmission is based on SPACE AVAILABILITY and the student's compliance with conditions/requirements established by the Director. Students applying for readmission must:

- 1. Be is a good standing position with the college and meets all TSC and MLT admission requirements.
- 2. Apply, in writing to the Medical Laboratory Technology Program at least 90 days before the program starts.
- 3. If re-admission is granted, the student will re-enter on a probationary status for at least one semester. At the end of this probationary period, the student will be required to meet with the MLT program staff to discuss his/her progress. Please note that if the student violates the stipulations of probation, the student will be dismissed again. If a student fails or is dismissed twice during the program, the student will not be re-admitted for a third attempt.
- 4. Complete all courses in the Medical Laboratory Technology Program curriculum within three years from the student's registration in the first course identified with the MLT prefix.
- 5. Reestablish competency in Lab Skills by obtaining a minimum score of 75% per Core course clinical practicum exam.
- 6. Reestablish didactic comprehension by obtaining a minimum score of 75% per Core course final taken.
- 7. Demonstrate compliance with recommendations made at the time of withdrawal from the program. Examples of recommendations may include a repeat of MLT course(s) previously taken.

Medical Laboratory Technology Clinical Practicum Affiliates

Throughout the two years didactic component, the student is expected to complete four clinical practicum classes. The list below identifies the current clinical practicum sites in good standing with TSC Medical Laboratory Technology Program. It is the student's responsibility to commute to and from each site as scheduled. The clinical practicum rotation schedule will be provided to the students by the MLT Faculty at least 2 weeks prior to the beginning of each

semester. The schedule will be provided by the MLT Faculty and students are expected to comply. In the event that new sites are acquired, the student is expected to commute to those sites as well.

Harlingen Medical Center

5501 S Expressway 77
Harlingen, Texas 78550
Phone: (956) 365-1035,
Gilbert Guerra, Laboratory Administrative Director
Gguerra@primehealthcare.com

Valley Baptist Medical Center - Brownsville 1040 W. Jefferson St. Brownsville, TX 78520 Phone: (956) 698-5472 Jean Corbeil, Laboratory Director Jean.corbeil@valleybaptist.net

Valley Baptist Medical Center - Harlingen 2101 Pease St.
Harlingen, Texas 78550
Phone: (956) 389-1958
Cheryl Cross, Laboratory Director
Cheryl.Cross@valleybaptist.net>

Valley Regional Medical Center 100-A Alton Gloor Blvd. Brownsville, Texas 78520 Phone: (956) 350-7490 Ramon Leos, Laboratory Director ramon.leos@hcahealthcare.com

Mission Regional Medical Center 900 S. Bryan Mission, Texas 78572 Phone: 956-323-1301 Isauro Resendez, Laboratory Director Iresendez@missionrmc.org Veterans Clinic McAllen 2101 South Colonel Rowe Blvd McAllen, Texas 78503 Phone: 956 291-9000 x 69282 Acting Laboratory Manager Dalila Aguirre, MT (ASCP)

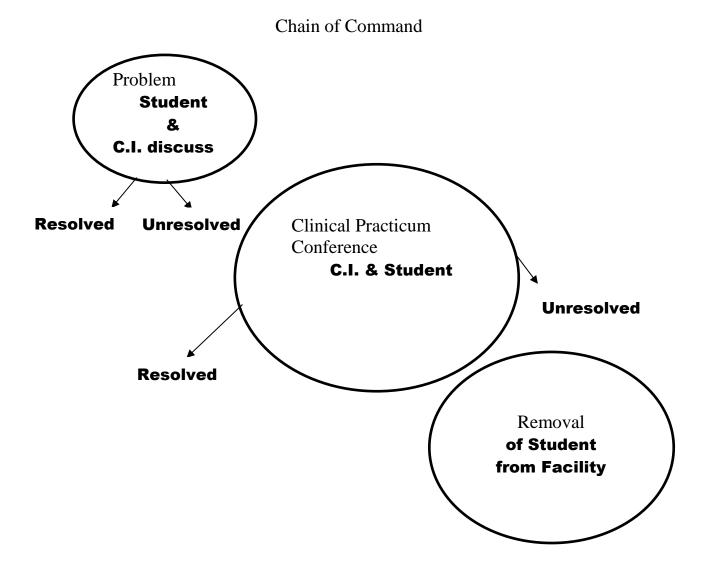
Brownsville Community Health Center 191 E Price Road Brownsville TX, 78521-3527 956-548-7400 Claudia Espinosa, Laboratory Director cespinosa.bchc@tachc.org

Doctors Hospital at Renaissance, LTD. 5501 S. McColl Road Edinburg, Texas 78539 956-362-8677 Dennis D. Davis, MBA, MLS(ASCP) Vice President Laboratory Services o. 956-362-7641 d.davis@dhr-rgv.com

Valley Cancer Center 1719 Treasure Hill Blvd. Harlingen, TX 78550 Phone: 956-430-9448 Isabel Ruiz, Lab Director iruiz@valleycancer.com

Rio Grande State Center 1401 Rangerville Road Harlingen, TX 78551 Phone: 956-364-8700 Mary Valencia, Oupatient Clinic Coordinator Mary.valencia@hhsc.state.tx.us

Clinical Practicum Site Problem Resolution



Experience-Based Clinical Practicum Education

The purpose of this document is to identify the essential criteria for the successful completion of clinical practicum education in the Medical Laboratory Technology Program. The MLT program cannot guarantee the clinical practicum experience in the sequential order described by the program of study. However, the best effort is made to accommodate every single student in the clinical practicum site. The program will work to be fair regarding the distance a student may travel to a clinical site. Travel distance is determined by the time from the school, not one's home. Preference for clinical rotations will be given by the students' admissions score into the college/program and successful progression in the program. A wait list will be established for additional students on these same bases. Students will be moved from the waitlist as clinical

rotation spaces become available. Due to challenges with procuring clinical rotation sites, adjustments may be made to the academic calendar to ensure clinical rotation time.

If there is a space in the clinical practicum site for the student, the student must register for clinical practicum courses before reporting to the clinical practicum sites.

There are five (5) clinical practicum courses during which the student is expected to master basic, intermediate, and advanced skills in procedures.

Each clinical practicum course will require specific laboratory skills and types of examinations that must be completed and graded before the end of the semester. Please note that points will be deducted if a student does not meet the required categories (see grading criteria). Clinical practicum Grade Criteria

A clinical practicum grade will be determined based on the following components:

Psychomotor skills Affective Skills Cognitive Skills (Success web site) Reflections

Students must attain at least 75% on each domain to pass the clinical practicum experience.

Insurance

TSC provides Medical Malpractice Liability insurance for all students, but does not cover accident or injury at the clinical site. Students injured at clinical sites should be treated according to the policy of the clinical site. Students will be responsible for any charges incurred at facilities. In any situation where the student is being treated for an injury received during a clinical experience, it is important that the treating facility understand that the injury is related to an instructional experience and is not employment related. Per contract, student injuries occurring during clinical experiences are not covered by Worker's Compensation. Students shall be responsible for arranging for the personal medical care and/or treatment, if necessary, including transportation in case of illness or injury while participating in clinical experiences.

Absence Policy for Laboratory and Clinical Practicum

The Laboratory and Clinical Practicum comprises a major portion of the student learning activities. Therefore we want to emphasize that an excused absence is only considered to be an illness or family emergency. Students are allowed to miss one class day. Notify faculty and clinical practicum site (when appropriate) of your absence by calling at least 15 minutes before your standard reporting time. If an emergency arises and the student must leave the community college or the clinical practicum site, the exit time must be documented. If a student is absent more than the allotted hours, the laboratory and/or clinical practicum grade will be affected. Ten points will be deducted from the overall course grade for each excused or unexcused absence beyond the maximum allowed. Any excused time missed will be replaced during the

laboratory and/or clinical practicum make-up schedule, and points deducted will be credited back.

Tardy Policy for Laboratory and Clinical Practicum

1. Tardy One point deducted from overall laboratory and/or clinical

practicum grade for each tardy.

Three tardiness equals an 8-hour absence.

2. Written Reprimand Five points deducted from overall laboratory and/or clinical

practicum grade for each written reprimand.

Anytime a student is absent or late, he/she must see the clinical faculty for counseling to ensure maximum laboratory and clinical practicum attendance. Any infraction of this policy will result in a written reprimand.

Note: When we talk about absence, it includes excused and unexcused absences.

Professional Qualities

The clinical instructor will assess the student's Affective and psychomotor objectives at the end of the clinical practicum. The TSC faculty will evaluate cognitive objectives.

Affective Objectives will include program compliance, professional interaction with patients and co-workers, professional growth and development, self-reliance/confidence, motivation, technical performance, organizational skills, equipment analysis, report management, and safety rules.

Comprehensive Clinical Practicum Objectives

The clinical practicum experience is planned to allow the student to develop laboratory skills and become proficient in the Medical Laboratory Technology profession.

Students are expected to achieve the clinical practicum objectives within the allowed time.

Students are expected to attend every clinical practicum session in its entirety.

For the Medical Laboratory Technology student to succeed in the clinical practicum, they must demonstrate competency in laboratory procedures commonly performed in all laboratory settings. The following identifies the laboratory areas in which students are expected to master.

Phlebotomy

Chemistry

Immunohematology and Immunology

Clinical Microbiology, Parasitology, and Mycology

Hematology, Coagulation, and Urinalysis and Body Fluids

If the student cannot meet the required comprehensive clinical practicum competencies satisfactorily, the faculty and program director will consult with the student and begin a remediation plan. Due to the structure and chronological order of the competencies, if a student

does not meet the required comprehensive clinical practicum competencies satisfactory, he/she would be unable to continue in the program.

Anytime a student earns a grade less than a "C" on professional competency, he/she must see the faculty for counseling. The letter "C" is the minimum passing grade for the MLT program courses.



Student's Name:	
Clinical Site:	
Period of Evaluation:	

This evaluation form is to be filled out by the clinical instructor responsible for the student during the period of evaluation. This appraisal form is used to evaluate the student's performance at the end of the clinical rotation and will become part of the student's permanent record.

Instructions to the Evaluator:

The attached checklist is to be used as a guide to clinical experience and as an evaluation tool. The student's grade will be derived, in part, from this evaluation.

- •Please be honest in rating the following characteristics of the student.
- •Base your judgment on the behavior you feel is characteristic of the student during the period of evaluation rather than on an isolated incident.
- •Place a checkmark in the box that corresponds to the level of achievement attained for each behavior procedure listed.
- •If a student falls within a rating which you feel is fair, but part of the descriptor does not apply, mark out the phrase, which does not apply.
- •Under the COMMENTS section, please write a brief overview of the student's performance. Also, use the comments to document problems that you encountered with the student, as well as praise. This is very helpful to the students so they will learn their strengths and weaknesses.

Definitions of Performance Levels

0. Not applicable

- 0. Not evident
- 1. Basic: Procedure and/or principle explained and discussed and student demonstrates understanding.
- 2. Intermediate: Student can perform test under direct supervision.
- 3. Advanced: A student can perform the test with minimum supervision.
- 4. Expert: A student can perform the test with no supervision

IMPORTANT: If you suspect or know of any student acting unprofessionally or if you have any other concerns please contact the program director, Consuelo Villalon by calling 956-295-3517 or via email at consuelo.villalon@tsc.edu or the clinical coordinator, Maria D Rodriguez by calling 956-295-3520 or via email at maria.rodriguez@tsc.edu.

This evaluation form is to be filled out by the clinical instructor responsible for the student during the period of evaluation. This appraisal form is used to evaluate the student's performance at the end of the clinical rotation and will become part of the student's permanent record.



CLINICAL CHEMISTRY PSYCHOMOTOR OBJECTIVES

Student Name:	
	Date:

PROCEDURE	Minimum	4	3	2	1	0	N/A	
	Pass	Expert	Advanced	Interme-	Basic	Not	Not appli-	*CI
	Level			diate		evident	cable	Initials
Perform accurately	4							
laboratory clerical work								
including data entry &								
recording & reporting of								
laboratory results								
Identifies patient	4							
specimen request by using								
two identifiers.								
Prepares specimens, using	3							
safety guidelines, for use								
in chemistry procedures								
Prepares specimens for	3							
shipment to reference								
laboratories								
Performs laboratory	4							
calculations including								
dilutions, creat. cl. etc.								

Performs daily set up,	2							[
calibration & routine	2							
maintenance on chemistry								
instruments.								
Perform the complete	2							
instrument	2							
troubleshooting (solve								
problem and								
documentation)								
Operates automated	4							
_ -	4							
chemistry analyzers								
obtaining reportable								
results, including								
standardization & QC								
Instrument List:	3							ŀ
Perform complete Q.C.	3							
troubleshooting (solve								
problem and								
documentation)								
Recognizes panic values	3							
by taking appropriate								
actions								
Recognizes emergency lab	3							
requests by taking								
appropriate actions								
Performa Therapeutic	3							
drug assays								
Performs lipid panel	4							
Performs Electrolytes to	3							
include Na, K, and Cl								
Prepares control sera and	4							
reagents for use								
Performs isoenzyme	2							
determinations								
Performs representative	2							
Immunoassay procedures								
EIA, RIA flour, etc.								
Performs electrophoresis	1							
Handles expected	3							
workload entry-level	-							
technician								
		I	1	 	I	L		

 $[*]CI-Clinical\ Instructor$

1.	This student has satisfactorily completed this clinical practice: yes () no ()
2.	If no, please indicate specific deficiencies which need to be corrected:
3.	Any special commendations?
	Comments:
Prepar	ed by:

Date____



HEMATOLOGY PSYCHOMOTOR OBJECTIVES FOR CLINICAL PRACTICUM

Student Name:_____Date:____

PROCEDURE	Minimum Pass Level	4 Expert	3 Advanced	2 Intermediate	1 Basic	0 Not Evident	N/A Not Applicable	C.I. Initials
Operates automated hematology instrument with minimal supervision and producing results within acceptable ranges.	3						11	
Implement the standard safety precautions, cleans and disinfects working area.	4							

Recognizes common	3				
instrument malfunctions and					
can perform or discuss					
corrective procedures.					
Performs quality control	4				
procedures on hematology	4				
instrument, including					
labeling, dating, re-initialing,					
checking expiration dates					
and performs data entry					
work, recording and					
reporting functions.					
Recognizes out of control	4				
results and can suggest how					
to correct the value that is					
outside the limits.					
Prepares and stains	4				
peripheral blood smears for	7				
differential, to the					
satisfaction of instructor.					
Recognizes peripheral blood	4				
smears with unacceptable					
cellular distribution and					
staining.					
Performs normal WBC	3				
differential, obtaining					
results that concur with					
the laboratory with					
95% accuracy.					
Performs abnormal WBC	3				
differentials, obtaining results	C				
that concur with laboratory					
with 90% accuracy.					
Estimates platelets and	4				
WBC's, agreeing with	4				
instrument counts within					
20%.					
	Λ.				
Identify and grade abnormal	4				
RBC morphology including					
WBC inclusions, according to					
laboratory guidelines.					
Prepares and reads ESR with	4				
minimal supervision and					
results agreeing with the					
technologist's within 5 %					
accuracy.					
Performs automated	4				
reticulocyte counts and is					
able to manually verify					
results if necessary according					
to laboratory guidelines.					
			•		

Performs manual cell counts on body fluids, agreeing with technologist's count within 20%.	3							
Recognizes critical values and takes appropriate action.	4							
COAGULATION	Minimum Pass Level	4 Expert	3 Advanced	2 Intermediate	1 Basic	0 Not Evident	N/A Not Applicable	*C.I. Initials
Operates automated coagulation instrument with minimal supervision and producing results within acceptable ranges.	3							
Recognizes common instrument malfunctions and can perform or discuss corrective procedures.	3							
Performs quality control procedures on coagulation instrument, including labeling, dating, re-initialing, checking expiration dates and performs data entry work, recording and reporting functions.	4							
Performs and interprets PT, PTT, D-dimer and Fibrinogen times with 100 % accuracy and according to instrument standards.	4							
Recognizes critical values and takes appropriate action associates abnormal results with possible pathology.	4							
Operates the coagulation instrument with minimal supervision for 75 % of the time and handles expected workload for entry level technologist.	3							
URINALYSIS		4 Expert	3 Advanced	2 Intermediate	1 Basic	0 Not Evident	N/A Not Applicable	C.I. Initials
Operates automated Urinalysis instrument with minimal supervision and	3							

producing results within acceptable ranges.					
Implement the standard safety precautions, cleans and disinfects working area.	4				
Performs quality control procedures on Urinalysis instrument, including labeling, dating, re-initialing, checking expiration dates and performs data entry work, recording and reporting functions.	4				
Recognizes out of control results and can suggest how to correct the value that is outside the limits.	4				
Prepares and reads samples for microscopic examination correlating macroscopic, chemical and microscopic results.	3				
Recognizes critical values and takes appropriate action associates abnormal results with possible pathology.	4				
Operates the urinalysis instrument with minimal supervision for 75 % of the time and handles expected workload for entry level technologist.	3				
Recognizes STAT laboratory request taking appropriate action and verifies patient's information with test requisition.	4				

*C.I. Clinical Instructor

- 1. This student has satisfactorily completed this clinical practice: yes () no ()
- 2. If no, please indicate specific deficiencies which need to be corrected:
- 3. Any special commendations?

Comments:

Prepared by:	Date
Student's Name:	
Date:	



IMMUNOLOGY PSYCHOMOTOR OBJECTIVES FOR CLINICAL PRACTICUM

Student Name	Date:

PROCEDURE	Minimum	4	3	2	1	0	N/A	
TROCLDORL	Pass	Expert	Advanced	Interme-	Basic	Not	Not	*C.I
	Level	r		diate		evident	appli-	Initials
							cable	mittais
Performs data entry	4							
work, recording, and								
reporting functions.								
Identifies patient	4							
specimen request by								
using two identifiers.								
Recognizes panic	3							
values by taking								
appropriate actions								
Performs standard	4							
screening test for								
Syphilis								
Prepares specimens for	3							
shipment to reference								
laboratories								
Performs slide	4							
agglutination tests								
according to								
manufacturer's								
instructions								
Recognizes emergency	3							
lab requests by taking								

appropriate actions					
Performs daily quality control	3				
Perform complete Q.C. troubleshooting (solve problem and documentation)	3				
Performs Serial Dilution Procedures according to instructions	4				
Perform needle calibration as needed	3				
Handles normal daily workload of entry-level technician	3				

*CI Clinical Instructor

- 1. This student has satisfactorily completed this clinical practice: yes () no ()
- 2. If no, please indicate specific deficiencies which need to be corrected.
- 3. Any special commendations?

Comments:		
Prepared by:		
Data		



IMMUNOHEMATOLOGY PSYCHOMOTOR OBJECTIVES FOR CLINICAL PRACTICUM

Student Name______Date:_____

PROCEDURE	Minimum	4	3	2	1	0	N/A	
	Pass	Expert	Advanced	Intermediate	Basic	Not	Not	*CI
	Level					evident	appli-	Initials
							cable	
Accurately perform	4							
laboratory clerical work,								
including data entry and								
patients reports.								
Identifies patient	4							
specimen and test								
request by using two								
identifiers.								
Maintains inventory and	3							
an adequate supply of								
blood.								
Performs and obtains	3							
accurate results using								
appropriate reagents for								
ABO and Rh testing.								
Performs pre-transfusion	3							
testing procedures with								
accuracy.								
Performs and obtains	3							

accurate results using appropriate reagents for direct antiglobulin test correct.					
Performs and obtains accurate results using appropriate reagents for indirect antiglobulin test correct.	3				
Performs and obtains accurate results using appropriate reagents for antibody screening test.	3				
Performs and obtains accurate results using appropriate reagents for antibody identification procedures.	3				
Follows established protocol for uncross-matched donor blood release.	2				
Performs cord blood studies for the investigation of HDN.	3				
Performs quality control procedures on instruments and reagents	2				
Performs complete Q.C. troubleshooting (solve problem and documentation)	3				
Performs correctly simple antibody identification procedures.	2				
Interprets correctly simple antibody identification procedures.	2				
Performs correctly complex antibody	2				

identification					
procedures.					
Interprets correctly	2				
complex antibody	2				
identification					
procedures.	2				
Using the proper	2				
protocol resolves					
incompatible and/or					
problem cross –matches.	4				
Issues blood and blood	1				
products.					
Performs pre-	1				
administration testing					
for Rh Immune Globulin					
Handles and process					
components for					
administration.					
1- Packed cells	2				
2- Platelets	2				
Cryoprecipitate					
3- Fresh frozen	2				
plasma					
4- Leukocyte	2				
reduced blood.					
5- Investigate	1				
suspected					
transfusion					
reactions.					
6- Screen donor	1				
candidates.					
7- Observe donor	1				
phlebotomy					
8- Handles.	3				
Expected					
workload for					
entry level					
technique.					

*CI Clinical Instructor

1.	This student has satisfactorily	completed this	clinical practice.	Yes	_ No	
----	---------------------------------	----------------	--------------------	-----	------	--

2. If no, please indicate specific deficiencies which need to be corrected:

3. Any special commendations?
Comments:
Prepared by:
Date



MICROBIOLOGY PSYCHOMOTOR OBJECTIVES FOR CLINICAL PRACTICUM

Student Name______Date:_____

PROCEDURE	Minimu	4	3	2	1	0	N/A	*CI
	m Pass	Expert	Advanced	Interme	Basic	Not	Not	Initials
	Level			diate		evident	appli-	
							cable	
Section 1 (Microbiology)	4							

beetion i (interociology)	•				
Accurately perform					
laboratory clerical work,					
including data entry and					
patient reports.					
Properly handles	4				
specimens using two					
identifiers.					
Uses appropriate safety	4				
precautions method when					
handling biological hazards					
Properly performs media	3				
and instrument quality					
control procedures					

Properly interprets media	3					
and instrument quality						
control procedures						
Selects appropriate media	4					
based on departmental	•					
protocols						
Properly plates cultures	4					
using acceptable technique	7					
Incubates media in	4					
	4					
appropriate environment Evaluates routine cultures	4					
	4					
differentiating normal flora						
from possible pathogens	2					
Prepare, smears for	3					
pathogen differentiation						
Stain smears for pathogen	3					
differentiation						
Read smears correlating	3					
with colonial morphology						
Properly select, use and	3					
interpret biochemical or						
differential tests for the						
identification or						
microorganisms						
Use rapid test or automated	3					
systems for organism						
identification						
Interpret rapid test or	3					
automated systems for						
organism identification						
Properly performs	3					
antimicrobial susceptibility						
testing procedures						
Properly handles cultures	2					
for anaerobic specimens						
Properly handles	2					
identification procedures						
for anaerobic specimens						
Identifies positive blood	2					
cultures and takes						
appropriate action						
Properly handles	2					
mycological cultures	-					
m, cological caltalos		İ	 L	l	l	

Section 2 (Parasitology)	3				
Prepares wet preparations					
of stool, for ova and larva					
Scans wet preparations of	3				
stool, for ova and larva					
Uses appropriate	4				
concentrations & staining					
techniques, ID Protozoa,					
OVA & larva					
Perform India Ink Prep	2				
Read India Ink Prep	2				
Handles expected	4				
workload for entry-level					
technician.					

l.	This student ha	s satisfactorily	completed	this clinical	practice.	Yes	No	

- 2. If no, please indicate specific deficiencies which need to be corrected:3. Any special commendations?
- 4. Comments:

5	Prepared	hv.
J.	ricbarcu	UV.

Date:	
	TEXAS SOUTHMOST
	COLLEGE

PHLEBOTOMY PSYCHOMOTOR OBJECTIVES FOR CLINICAL **PRACTICUM**

Student Name:	Date:

PROCEDURE	Minimum	4	3	2	1	0	N/A	*CI
	Pass	Expert	Advanced	Interme-	Basic	Not	Not	Initials
	Level			diate		evident	Applicable	
Clinical Objectives must be								
met at the clinical practicum								
site.								
The student implements the	4							
standard safety precautions								
Demonstrates proper	3							
organization of supplies and								
equipment for collection								
procedures								

Courteous and professional	4				
manners with patients					
Demonstrates proper	4				
procedures for patient					
identification using two					
identifiers. Students verify					
name and patient number by					
checking ID band and					
another form (s) of ID. (This					
is the most important step in					
the collection procedure).					
Performs all blood collection	3				
procedures by using correct					
techniques with 80%					
accuracy.					
Demonstrates proper sample	4				
labeling procedures with					
correct and appropriate					
information.					
Utilizes proper Safety	4				
procedure for discarding					
used equipment and supplies					
after the procedure.					
<u>Thanks</u> patient, discards	4				
gloves in the appropriate					
dispenser, and demonstrates					
good hand washing					
technique.					

*CI Clinical Instructor

1.	This student	has satisfacto	orily com	pleted this	clinical	practice:	ves () no ()

- 2. If no, please indicate specific deficiencies which need to be corrected:
- 3. Any special commendations?

	Comments:
	Prepared by:
lata:	

Affective Evaluation Outline

This document outlines the affective objectives for the MLT program that are the essence of quality health care and professional behavior. The affective objectives, which are listed in this document, are evaluated during the student's clinical practicum rotation using the evaluation Likert scale of Not applicable (0), Not evident (0), Basic (1), Intermediate (2), Advanced (3), and Expert.

Objectives:

During the clinical practicum and upon competitions of the program of study in Medical Laboratory Technology, the student will be able to demonstrate appropriate professional behavior, reliability, and positive attitude skills.

1. Appearance

- a) Dressing appropriately for laboratory work.
- b) Demonstrating concern for the image of the college MLT program and clinical affiliate.

2. Professional interactions

- a) Working cooperatively in groups.
- b) Offering to assist various groups, or laboratory personnel, working as part of a team.
- c) Showing respect and concern when communicating with patients and healthcare workers.
- d) Respecting the confidentiality of all privileged information and patient rights.

3. Professional growth

- a) Accepting responsibility for work produced including critical values and nonsense values.
- b) Demonstrating ability and interest in solving the problems that arise as part of daily laboratory work.
- c) Making decisions relates to laboratory work in a manner consistent with his or her level of education and ability.
- d) Accepting responsibility for errors made, including corrective action where necessary.
- e) Participating in continuing education opportunities that may be provided by the MLT program or clinical affiliated.

f) Accepting constructive criticism as a learning tool

4. Self-Reliance confidence.

a) Demonstrating confidence to perform the procedures in a reasonable period of time.

5. Attendance

- a) Appearing for clinical rotation on time.
- b) Arriving prepared to begin work as soon as instructed.
- c) Completing all outside reading and other assignments on time and before arriving at clinical.
- d) Planning work so that regular breaks can be part of the working day schedule.
- e) Returning from breaks promptly and resuming work
- f) Appearing when scheduled.
- g) Using an assigned method to report absences in advance.

6. Technical Performance

- a) Demonstrating attention to the details of work assigned.
- b) Demonstrating some ability to perform more than one task at a time.
- c) Completing work in the time expected.
- d) Documenting work performed neatly and accurately.
- e) Evaluating data before reporting results, including correlating results from laboratory sections.

7. Organizational skills

- a) Planning work so that assignments are completed by the end of the assigned time, without sacrificing the quality of results.
- b) Remaining until work is completed, or arranging to complete work during later scheduled.

8. Equipment analysis

- a) Taking care not to waste reagents and supplies, either through careless use or improper storage.
- b) Maintaining a clean workstation.
- c) Operating equipment according to laboratory protocols, including routine maintenance, calibration, and other assigned steps.

9. Patient's sample management.

- a) Checking for proper specimen identification before performing tests.
- b) Checking for proper specimen type and quality before performing tests.

10. Compliance.

a) Adhering to safety policies.



Medical Laboratory Technician Program Rating Scale for Evaluation of Affective Objectives

This evaluation sheet gives the clinical instructor the opportunity to express their feelings about the student's value system, emotions, and attitude towards this profession. Therefore, as you rate the student. please mark your ratings as fairly and honestly as possible.

NOTICE TO INSTRUCTOR: Any rating of less than two will require comments.

B

BACE	KGROUND INF	ORMAT	ION					
0	NAME OF ST	UDENT :	BEING E	EVALUA	ATED:			
	Date:							
0	Name of hospi	tal or clin	ic if appl	icable:				
0	The evaluator i	name and	signatur	e:				
	Clinical Ins	structor						
	Lab Direct	or						
	Lab Superv	visor						
	☐ Faculty							
numb		rating ran	iges from	one thro	ough four.	The Likert	gories by circling scale is Expert (4	
A.) A	ppearance	N/A	0	1	2	3	4	

c) d)	Dressing appropriate Demonstrating concaffiliate.					MLT p	rogram an	d clinical	
Comment									
B.) Profes	ssional Interaction N	/A	0	1		2	3	4	
e)	Working cooperative	ely in gr	oups.						
f)	Offering to assist va team.	rious gro	oups, o	r laborat	ory pers	onnel, w	orking as	part of a	
g)	Showing respect and workers.	d concer	n wher	commu	nicating	with pa	tients and	health ca	re
h) Comment	Respecting the confis:	identiali	ty of al	l privileg	ged infor	rmation	and patier	nt rights.	
C.) Profes	ssional Growth	N/A	0		1	2		3	4
g) h)	values. Demonstrating ability laboratory work.	ty and in	nterest	in solving	g the pro	blems t	hat arise a	s part of o	daily
i)	Making decisions re level of education ar	nd abilit	y.	•					ner
j)	Accepting responsib necessary.	ollity for	errors	made, in	cluding	correcti	ve action	where	
k)	Participating in cont MLT program or cli	_			tunities 1	that may	be provid	ded by the	;
1)	Accepting construct	ive critic	cism as	a learnii	ng tool				
Comment	S:								
D.) Self-R	Reliance/Confidence	N/A	0	1	2		3	4	
b) Comment	Demonstrating confi	idence to	o perfo	rm the pi	ocedure	s in a re	asonable j	period of	time.
E.) Atten		N/A	0	1		2	3	4	
	Appearing for clinic								
i)	Arriving prepared to						11	c	
j)	Completing all outsi clinical.	ide readi	ing and	other as	signmen	ts on tir	ne and be	fore arrivi	ng at
k)	C						king day s	chedule.	
1)	Returning from brea	ıks prom	iptly ar	nd resumi	ing work	ζ.			

f) Demonstrating attention to the details of work assigned. g) Demonstrating some ability to perform more than one task at a time. h) Completing work in the time expected. i) Documenting work performed neatly and accurately. j) Evaluating data before reporting results, including correlating results from laborat sections. Comments: G.) Organizational Skills N/A 0 1 2 3 4 c) Planning work so that assignments are completed by the end of the assigned time, without sacrificing the quality of results. d) Remaining until work is completed, or arranging to complete work during later scheduled. Comments: H.) Equipment Analysis N/A 0 1 2 3 4 d) Taking care not to waste reagents and supplies, either through careless use or improper storage. e) Maintaining a clean workstation. f) Operating equipment according to laboratory protocols, including routine maintenance, calibration, and other assigned steps. Comments: L)Patient's sample Management N/A 0 1 2 3 4 c) Checking for proper specimen identification before performing tests. d) Checking for proper specimen type and quality before performing tests.		Using an assignate:			absences	in advar	ice.		
g) Demonstrating some ability to perform more than one task at a time. h) Completing work in the time expected. i) Documenting work performed neatly and accurately. j) Evaluating data before reporting results, including correlating results from laborat sections. Comments: G.) Organizational Skills N/A 0 1 2 3 4 c) Planning work so that assignments are completed by the end of the assigned time, without sacrificing the quality of results. d) Remaining until work is completed, or arranging to complete work during later scheduled. Comments: H.) Equipment Analysis N/A 0 1 2 3 4 d) Taking care not to waste reagents and supplies, either through careless use or improper storage. e) Maintaining a clean workstation. f) Operating equipment according to laboratory protocols, including routine maintenance, calibration, and other assigned steps. Comments: L)Patient's sample Management N/A 0 1 2 3 4 c) Checking for proper specimen identification before performing tests. d) Checking for proper specimen type and quality before performing tests.	F.) Techr	nical Performance	N/A	0	1	2		3	4
G.) Organizational Skills N/A 0 1 2 3 4 c) Planning work so that assignments are completed by the end of the assigned time, without sacrificing the quality of results. d) Remaining until work is completed, or arranging to complete work during later scheduled. Comments: H.) Equipment Analysis N/A 0 1 2 3 4 d) Taking care not to waste reagents and supplies, either through careless use or improper storage. e) Maintaining a clean workstation. f) Operating equipment according to laboratory protocols, including routine maintenance, calibration, and other assigned steps. Comments: L)Patient's sample Management N/A 0 1 2 3 4 c) Checking for proper specimen identification before performing tests. d) Checking for proper specimen type and quality before performing tests.	g) h) i) j)	Demonstrating s Completing wor Documenting w Evaluating data sections.	some abilit k in the tir ork perfor	y to perfo ne expect med neatl	orm more ed. y and acc	than one	task at a		m laborato
c) Planning work so that assignments are completed by the end of the assigned time, without sacrificing the quality of results. d) Remaining until work is completed, or arranging to complete work during later scheduled. Comments: H.) Equipment Analysis N/A 0 1 2 3 4 d) Taking care not to waste reagents and supplies, either through careless use or improper storage. e) Maintaining a clean workstation. f) Operating equipment according to laboratory protocols, including routine maintenance, calibration, and other assigned steps. Comments: L.)Patient's sample Management N/A 0 1 2 3 4 c) Checking for proper specimen identification before performing tests. d) Checking for proper specimen type and quality before performing tests.									
without sacrificing the quality of results. d) Remaining until work is completed, or arranging to complete work during later scheduled. Comments: H.) Equipment Analysis N/A 0 1 2 3 4 d) Taking care not to waste reagents and supplies, either through careless use or improper storage. e) Maintaining a clean workstation. f) Operating equipment according to laboratory protocols, including routine maintenance, calibration, and other assigned steps. Comments: 1.)Patient's sample Management N/A 0 1 2 3 4 c) Checking for proper specimen identification before performing tests. d) Checking for proper specimen type and quality before performing tests.	G.) Orgai	nizational Skills	N/A	0	1	2	3	4	
H.) Equipment Analysis N/A 0 1 2 3 4 d) Taking care not to waste reagents and supplies, either through careless use or improper storage. e) Maintaining a clean workstation. f) Operating equipment according to laboratory protocols, including routine maintenance, calibration, and other assigned steps. Comments: 1.)Patient's sample Management N/A 0 1 2 3 4 c) Checking for proper specimen identification before performing tests. d) Checking for proper specimen type and quality before performing tests.		without sacrificing Remaining until	ng the qua	lity of res	sults.				
 d) Taking care not to waste reagents and supplies, either through careless use or improper storage. e) Maintaining a clean workstation. f) Operating equipment according to laboratory protocols, including routine maintenance, calibration, and other assigned steps. Comments: a.)Patient's sample Management N/A 0 1 2 3 4 c) Checking for proper specimen identification before performing tests. d) Checking for proper specimen type and quality before performing tests. 	Comment	s:							
improper storage. e) Maintaining a clean workstation. f) Operating equipment according to laboratory protocols, including routine maintenance, calibration, and other assigned steps. Comments: c) Patient's sample Management N/A 0 1 2 3 4 c) Checking for proper specimen identification before performing tests. d) Checking for proper specimen type and quality before performing tests.	H.) Equip	oment Analysis	N/A	0	1	2	3		4
c) Checking for proper specimen identification before performing tests.d) Checking for proper specimen type and quality before performing tests.	e) f)	improper storag Maintaining a cl Operating equip maintenance, ca	e. lean works ment acco	tation. rding to la	aboratory	protocol	_		
d) Checking for proper specimen type and quality before performing tests.	.)Patient'	s sample Manage	ment	N/A	0	 [2	3	4
	d)	Checking for pr				_		-	
J.) Compliance: N/A 0 1 2 3 4	J.) Compl	iance: N/A	0	1	2		3	4	

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('/	m	m	an	ta•
\mathbf{C}	ш	ш	$\Box\Pi$	ιo.

NOTICE TO STUDENT: Any rating of less than two will require counseling by the clinical coordinator.

Grading Scale (point range):

TOTAL NUMBER OF POINTS:

FINAL GRADE BASED ON PTS.:

Less than 30 points is a "D". "D" is not a passing grade for the MLT program.

Please Add Comments: -



CLINICAL PRACTICUM EXPERIENCE EVALUATION FORM

PRACTICUM SITE:

DATE:

DIRECTIONS: Circle the number which corresponds to the statement that reveals your <u>OVERALL</u> impression.

Site Evaluation Form **SUMMARY**

5= Strongly agree, 4= Agree, 3= Disagree, 2= Strongly Disagree, and N/A

AREA I: <u>Hospital/Clinic Staff</u>. I feel that the Medical Technologist was:

1. patient/willing to teach	5 4	3	2	1	NA
2. willing to help/assist with student needs			2	1	NA
3. positive about students	5 4	3	2	1	NA

AREA II: Assignments. I feel that my patient assignments.	nm	ents				
in this clinical practicum area was:	_	4	2	2		27.4
1. appropriate to my knowledge level	5		3	2	1	NA
2. varied to allow different experiences3. enough to keep me busy, but not	5	4	3	2	1	NA
overworked	5	4	3	2	1	NA
AREA III: Facility. I feel the facilities for this clini	cal	practi	cum			
experience was:		•				
1. well equipped	5	4	3	2	1	NA
2. clean	5	4	3	2	1	NA
3. organized	5	4	3	2	1	NA
AREA IV: Evaluations. I feel the evaluations given	ı to	me fo	r			
this clinical practicum experience was:						
1. provided by the medical technologist who known		what l	had			
accomplished	5	4	3	2	1	NA
2. done ASAP after my rotation	5	4	3	2 2	1	NA
3. fair	5	4	3	2	1	NA
4. provided constructive criticism	5	4	3	2	1	NA
AREA V: Other Student. During this clinical practical feel that my classmate(s) in the area: 1. had a positive attitude	5	4 4	erience, 3 3 3	2 2 2	1 1 1	NA NA
3. tried to make the buddy system work	3	4	3	2	1	NA
AREA VI: Myself. During this clinical practicum of that I:	ехре	erience	e, I feel			
1. started out with a positive attitude	. 5	4	3	2	1	NΑ
2. ended with a positive attitude			3	2	1	NΑ
3. was allowed to function as a part of the		•	J	_	1	1111
team	5	4	3	2	1	NΑ
NOTE: If you rated an area with a 2 or 1, please pro	•	-	_		Comme	
be helpful in assessing your clinical practicum exper			пст схрта	nation.	Commi	ants will
Explanation: (For any rating less than 3, please give	a b	rief ex	planation	n)		
	_				_	

Comments: (Give some constructive criticism)	-



Laboratory Performance Rubric Assessment Scoring Range 0-4

Date: _____

Criteria	4	3 Advanced	2	1	0	0
	Expert		Intermediate	Basic	Not	Not
					evident	applica
						ble
Table Set-Up	Prepares	Prepares	Prepares work	Lab area is	Not	Not
	work area	work area	area	disorganized.	evident	applica
	completely	completely	adequately	-	bench set	ble
	before	before	before starting		up	(N/A)
	starting the	starting the	the lab, with			
	lab, without	lab, with	direction.			
	direction.	some				
		direction.				
Lab	Performs all	Performs all	Performs all	Performs	Not	Not
Technical	technical	technical	technical	technical	evident	applica
Skills	skills using	skills using	skills using a	skills using an	technical	ble
	an exemplary	a very good	good	inadequate	skills	(N/A)
	technique,	technique,	technique,	technique, not		
	without	with some	with direct	following		
	direction.	direction.	instruction.	direction.		

Follow Procedures	The student reads and follows procedures, exactly, without direction.	The student reads and follows procedures, very well, with some direction.	The student reads but does not follow procedures and direction.	The student does not read or follow procedure.	Not evident procedure	Not applica ble (N/A)
Use of Equipment	The student cares, maintains, and demonstrates outstanding equipment knowledge.	Advance The student cares, maintains, and demonstrate good equipment knowledge.	Intermediate The student somewhat cares, maintains and demonstrates equipment knowledge.	Basic The student does not care, maintain or has poor equipment knowledge.	Not evident Not evident use of equipment	Not applica ble (N/A)
Interpretation of the results	Results are interpreted in an easy-to-comprehend manner, and include all necessary/relevant data.	Results are interpreted in a somewhat easy-to-comprehend manner and include all necessary/re levant data.	Results are somewhat easy to interpret, but do not include all necessary/ relevant data.	Results are difficult to interpret, and/or inaccurate do not include all necessary/ relevant data.	Not evident interpretat ion of results	Not applica ble (N/A)
Overall Effort	The student shows exemplary effort and needs very little direction.	The student shows a very good effort, but needs some direction.	The student shows good effort, but needs direction.	The student does not show any effort.	Not evident effort	Not applica ble (N/A)
Confidence	The student demonstrates outstanding confidence and knowledge in performing procedures.	The student demonstrate s good confidence and knowledge in performing procedures.	The student demonstrates confidence but no knowledge in performing procedures.	The student does not demonstrate confidence and/or knowledge in performing procedures.	Not evident confidenc e	Not applica ble (N/A)
Attendance	The student has attended every lab, and always- on time. Lab	Advance The student has missed only one lab, and/or	Intermediate The student has missed more than one lab, and/or has	Basic The student has missed more than one lab, and /or	Not evident attendance	Not applica ble (N/A

	Report on	has been	been tardy,	has been		
	time.	tardy, but	but not always	tardy, but does		
		has called	called in. Lab	not call in.		
		in. Lab	Report late 2	Lab Report		
		Report late	days	late more than		
		1 day.		2 days.		
Questionnair	Pristine lab	Advance	Intermediate	Basic	Not	Not
e/Lab Report	report	Lab report	Lab report	Lab report	evident	applica
		with one	with two	with three	lab report	ble
		error.	errors	errors	_	(N/A
						report



Oral Presentation Outline

This document outlines the oral presentation for the MLT program. Objectives:

The presentation MUST be between 5-10 minutes using PowerPoint.

- The student describes the different pathologies for the topic selected.
- The student explains the pathologic mechanisms involved.
- The student discusses the appropriate laboratory methods for the diagnosis.
- The student lists appropriate treatment to use for the pathologic conditions.

Evaluation

The students will be evaluated according to a Rubric that will have been previously discussed. In addition, the model rubric is included in this document. The rubric uses the Likert scale of Not applicable (N/A), Not evident (0), Basic (1), Intermediate (2), Advanced (3), and Expert. The feedback for the presentation will be only given individually and during office hours.



Oral Presentation

Student Name: Date:

			2.0		0.0 Not
GRADING CRITERIA	4.0 Expert	3.0 Advanced	Intermediate	1.0 Basic	Evident
Presentation Topic: Student selects topic relevant to course material.	Excellent topic	Good topic	Moderate relevant	Some relevance	No relevance
The use of visual aids: The presentation includes appropriate visual aids which the student refers at appropriate times during the presentation.	Excellent visual aidsFF	Good visual aids	Moderate visual aids	Some visual aids	No visual aids
Demonstrate Understanding of the Topic: The student demonstrates knowledge of the topic by giving accurate explanation and answering questions.	Excellent knowledge or understanding of topic	Good knowledge or understanding of topic	Moderate knowledge or Understanding of topic	Some Knowledge or understanding of topic	No knowledge or understanding of topic
Convey Ideas to the audience: The Student speaks clear and loudly using eye contact, a lively tone, and body language to engage the audience.	Excellent audience engagement	Good audience engagement	Moderate audience engagement	Some audience engagement	No audience engagement
Follow time guidelines: The presentation was done in a given time.	Excellent timing	Good timing	Modarate timing	Some time guidelines followed	No time guidelines followed

Docum	entation:			Moderate	Some	
Student us	sed and cited	Excellent	Good	relevant	documentation	No citations
appropria	te resources.	documentation	documentation	documentation	use	used

Clinical Practicum Education Requirements Before Graduation

The student must be able to demonstrate competency in all of the procedures identified in the psychomotor objectives. It should be noted that proficiency in laboratory procedures is a continuous process.

Clinical Practicum Grading Distribution

The following distribution is in effect for each clinical practicum course:

PLAB 1261:Clinical

Professional Competencies (psychomotor skills)

Affective skills

Cognitive skills

Reflections

MLAB 1260: Clinical

Professional Competencies (psychomotor skills)

Affective skills

Cognitive skills

Reflections

MLAB 1263: Clinical

Professional Competencies (psychomotor skills)

Affective skills

Cognitive skills

Reflections

MLAB 2260: Clinical

Professional Competencies (psychomotor skills)

Affective skills

Cognitive skills

Reflections

MLAB 2263: Clinical

Professional Competencies (psychomotor skills)

Affective skills

Cognitive skills

Reflections

Time Sheet Policy

Each student will fill out his or her timesheet accordingly:

- 1. ONLY the student whose name appears on the timesheet should write on that timesheet.
- 2. Sign in immediately before beginning clinical practicum duties; take care of personal items BEFORE you clock in
- 3. Sign out for lunch and sign in upon returning from lunch
- 4. Sign out at the end of your clinical practicum shift with a DAILY clinical instructor signature
- 5. Timesheets are to remain in the clinical practicum settings at all times
- 6. Make sure the clinical instructor signs the bottom of the timesheet (on both sides) upon semester completion

**Please arrive at the clinical practicum site at least ten minutes before the designated clinical practicum time.

Infection Control\Standard Policy

Precautions\Safety Policy

Each student will have an in-service on universal precautions, infection control, communicable diseases, and safety held during the program's pre-orientation session and as provided by the clinical practicum affiliations and or TSC.

Communicable Diseases Policy

Students in the Medical Laboratory Technology Program will be given an orientation on communicable diseases. In addition, the students will follow the guidelines set forth by TSC, the clinical practicum sites, the Centers for Disease Control, Occupational Safety and Health Administration (OSHA), and any other regulatory agency affiliated with both TSC and the clinical practicum affiliates.

Guidelines

- 1. Students are required to have current immunization records on file. These records must be submitted before the first clinical practicum rotation.
- 2. If a student cannot meet clinical practicum objectives due to a communicable disease, a passing clinical practicum grade cannot be obtained.

Standard Precautions Policy

Students in the Medical Laboratory Technology Program will receive orientation on Standard

Precautions as set forth by the Centers for Disease Control (CDC), Occupational Safety and Health Administration (OSHA), and any other regulatory agency affiliated with TSC and the clinical practicum affiliates.

Guidelines

- 1. Students will be required to receive the following training:
 - a. Aids Precautions /Universal Precautions
 - b. Using Protective barriers
 - c. Washing hands
 - d. Current infection control guidelines for healthcare professionals
- 2. Students will be evaluated on the following skills:
 - a. handwashing
 - b. proper disposal of needles/sharps
 - c. adequate disposal for contaminated linens or objects
 - d. appropriate wear of mask, gown, gloves, etc.

Safety Policy

Students will receive orientation on safety before their first day of clinical practicum. Students are advised that exposure to contagious and pathogenic organisms may occur as part of the standard routine of performing clinical practicum examinations on patients in medical facilities. Therefore, students will be required to abide by the safety/regulations that govern the clinical practicum facilities. Safety requirements may include the following:

LAB SAFETY SYLLABUS RULES

- 1. All hazardous materials and specimens should be handled as though transmitting infectious diseases.
- 2. Wear disposable gloves when processing specimens. Change gloves when contaminated. Remove gloves when handling uncontaminated objects.
- 3. No mouth pipetting should be performed. Safety pipetting devices shall be used.
- 4. Disposable laboratory coats or other protective clothing will be worn in the laboratory and should be entirely buttoned to reduce microorganisms' transfer.
- 5. No eating, smoking, or drinking should occur in the laboratory area. Food or drink items should not be placed in refrigerators used for laboratory items.
- 6. Nothing should be placed in one's mouth, including pencils, pens, fingers, etc.
- 7. No application of cosmetics is allowed in the laboratory.
- 8. No open-toed shoes should be worn.
- 9. Long hair should be tied back to avoid contact with the contaminated material or moving instrument parts.
- 10. Centrifuges should not be operated without covers, and the covers should remain closed until the equipment has stopped.
- 11. Face shields, eyewear, masks, and splash guards should be used as appropriate.
- 12. Glassware that is broken or chipped must be appropriately discarded.

- 13. Asbestos gloves and/or tongs must be used to handle hot glass.
- 14. Use special precautions when handling needles. No bending, breaking, or recapping of needles by hands. Needles should not be improperly removed from disposable syringes. Instead, needles should be placed in appropriate, puncture-resistant containers.
- 15. Disposable glassware and tubes contaminated with biological material should be disposed of in biohazard bags for autoclaving.
- 16. Cultures and clinical specimens other than urine should be disposed of in biohazard bags for autoclaving.
- 17. The following materials are not to be autoclaved: a) Pressurized cans, b) Carcinogenic chemicals, c) Flammable solvents, d) Explosive materials, e) specimens in vacuum/suction bottles
- 18. Do not put white trash in the biohazard containers.
- 19. Sharp objects should be disposed of in designated puncture-resistant containers.
- 20. Small urine containers may be emptied into the sink. The entire sink and surrounding area should be decontaminated with a disinfection solution.
- 21. Decontaminate work surfaces with a disinfecting solution at the beginning and end of each lab period if biohazard material is spilled.
- 22. Label all chemicals clearly with name, concentration, date of preparation, initials of who prepared it, and biohazard information.
- 23. When acids are diluted, the acid should be added to the water in the sink.
- 24. Wear safety goggles when working with acids or alkali solutions.
- 25. Wash hands and remove protective clothing before leaving the laboratory.
- 26. Students are responsible for cleaning and maintaining their work area. All equipment and reagents should be returned to their proper storage area.
- 27. Report any accidents to the instructor or teaching supervisor.
- 28. During the clinical practicum, students must follow exposure protection plans at all times
- 29. Personal protective equipment such as splash guards, face shields, goggles, disposable lab coats, plastic aprons, and latex gloves are available and must be used when appropriate.

You must read and follow the Safety and Infection Control Manual rules from each clinical site for more information.

Student Immunization Policy

Students are required to maintain current immunizations. This includes yearly TB testing, Hep. B vaccine series, tetanus (every 10 yrs.), and other routine childhood immunizations. Students must be current on appropriate immunizations to be allowed in the clinical practicum sites. Students are financially responsible for their health care/hospitalization costs incurred while participating in the Medical Laboratory Technology Program.

Dress Code (Uniform Policy)

General Information

- 1. The appearance of all students must generate confidence and respect from patients, families, and other visitors from the community in all clinical practicum agencies.
- 2. Students' grooming practices shall make up ample provision for sanitation, safety, class, and comfort. In addition, the student must wear the uniform at all times while at the clinical practicum site and class.
- 3. TSC uniforms are NOT to be worn when the student is working as an EMPLOYEE OR VOLUNTEER.
- 4. All students shall be required to present a clean and neat appearance for a professional healthcare environment and class.

What is appropriate?

- 1. Uniform must be designated color scrub pants and top; neat, clean, well-fitting, and without tears. Uniforms must be appropriately hemmed, not pegged or rolled up.
- 2. TSC-MLT logos will be embroidered to uniform, lab coat, and polo shirt.
- 3. No sweaters are to be worn as uniform tops.
- 4. A student's name must be embroidered to the scrub top any time the student is in a clinical practicum area or class.
- 5. Uniform shoes must be according to uniform guidelines
- 6. Students must wear student uniforms in class and on clinical practicum days.
- 7. Hair must be neat, clean, and up collar or secured in a ponytail, bun, or braid. Hair ornaments must be small and neutral in color. Beards and mustaches must be kept trimmed and clean.
- 8. Whether natural or applied, nails must be clean, neat, and not excessively long (fingertip length only). So clear, polish may be worn (no reds, hot pinks, blues, blacks, greens, or purples allowed).
- 9. A student may wear a wedding band, a simple necklace inside the uniform, and studtype earrings which are ½ inch or smaller in size. No more than two pairs of stud-type earrings on the lobes are acceptable. Loop earrings are not acceptable. No other jewelry is allowed.
- 10. Ear piercing is the only body piercing that is allowed in the clinical practicum area. If one has other noticeable piercing (e.g., eyebrow, lip, nose, tongue, etc.), the ring, bar, or another ornament must be removed, or the area must be covered with a clean bandage.
- 11. Black Socks will be worn with uniform shoes.
- 12. A black thermal undershirt may be worn underneath the scrub top during winter or in departmental areas where the temperature is very low.
- 13. Students may wear a wristwatch.

What is NOT appropriate?

- 1. An oversized uniform that may make you look sloppy.
- 2. Pant legs stuck into socks.
- 3. Uniform without appropriate logos and nametag.
- 4. Lab coat without appropriate patch and nametag.
- 5. Hair hanging in front of the face or below the collar.
- 6. Untrimmed beards or mustaches.
- 7. Long fingernails that exceed the required length (fingertip length).
- 8. Inappropriate jewelry: dangling or earrings too large, heavy, and long chains with large pendants or medallions.
- 9. Canvas shoes, sandals, colored tennis shoes, no street tennis shoes.
- 10. Wearing any other badges, belts, bows, etc., other than the prescribed accessories.
- 11. Colored socks (other than black) worn with uniforms.
- 12. No beepers or cellular telephones are allowed at the clinical practicum site (not even on vibrate or off mode).
- 13. Chewing gum, eating food, or drinking beverages while on duty at the clinical practicum site or class.
- 14. Reading ANY material NOT related to MLT school studies, i.e., magazines, internet computer sites, etc.
- 15. Napping while on duty at the clinical site or class.
- 16. Communication or gossip among students between different clinical practicum sites or colleges.

Caution: If the clinical practicum site has specific regulations concerning the lab coats, the students shall adhere to the specified rules.

Pregnancy Policy

A student can participate in all program activities contingent upon the student's clinician's approval. Disclosure of pregnancy status to the Program Director or Faculty is strictly voluntary.

GUIDELINES:

- 1. Disclosure of pregnancy status to the Program Director or Faculty is strictly voluntary.
- 2. If pregnancy is documented and the student elects to remain in the program, the following options must be exercised by the student:
 - a. The student must receive medical clearance by the physician that she will be physically able to participate in normal educational /clinical practicum activities conducted by the Laboratory Technician Program (see Physician's Awareness of Pregnancy Form).

- b. The student will be asked to sign a pregnancy release form that states that TSC and its educational, clinical practicum sites will not be liable for injuries incurred.
- 3. The following options are available to students who decline acceptance or continuation in the program.
 - a. Students may ask to be reinstated for the subsequent class within one year.

The following activities are performed (but not limited to) daily by all Medical Laboratory Technology students:

- 1. Work in a clinic or hospital environment where there is a potential risk of exposure to bloodborne pathogens / communicable diseases
- 2. Stand for prolonged periods (maximum of 8 hrs.)
- 3. Operate laboratory equipment
- 4. Lift, carry, and push materials or objects (5-30 lbs.)
- 5. Reach for items above head level
- 6. Bend extensively throughout daily activities
- 7. Handle needles and sharp instruments

Clinical Site Telephone Calls Policy

NO PERSONAL TELEPHONE calls will be MADE or RECEIVED unless:

- 1. it is a verifiable emergency (family emergency)
- 2. it is a verifiable call from the Program Director/TSC Faculty
- 3. if the student is in break or lunchtime.

Incident Report / Counseling Policy

The intent of this incident form is to provide reporting of a student's personal, professional, or behavioral conduct occurrences within the clinical practicum setting. (See incident report/counseling form)

GUIDELINES:

- 1. Faculty, clinical instructor(s) will fill out an incident report form.
- 2. When filling out the form, the following information must be included in the description of the incident:
 - a. date/time of the incident.
 - b. names of individual(s) involved
 - c. summary describing the incident
- 3. The appropriate channels of reporting are:

- a. Clinical Instructor \rightarrow Faculty \rightarrow Program Director
- 4. This form will be filed in the student's clinical practicum file.
- 5. The student will be asked to provide comments concerning the incident.

Note: The following are a few examples of the types of offenses documented:

- a. malicious treatment/harassment
- b. threatening or intimidating another individual
- c. assault/sexual assault
- d. unauthorized use of drugs, alcoholic beverages, weapons, or explosives
- e. theft or falsification of records or information
- f. disruptive activities
- g. negligence regarding the patient's safety and welfare
- h. negligence regarding the use and operation of laboratory equipment
- i. breaching of confidentiality (patients records, diagnosis, etc.)
- j. not following clinical practicum policies/guidelines
- k. napping while on clinical practicum duty
- * Depending on the severity of the offense, the college will take the necessary disciplinary action against a student for an offense with a minimum penalty of suspension to a more serious penalty of dismissal from the Medical Laboratory Technology Program.

Student Employment Policy

It is not the policy or the intent of the Medical Laboratory Technology Program to act as an employment agency or to participate in any facet of employment. Therefore, the program will remain a separate entity from the employment status of the MLT student.

Criminal Background Check / CPR Policies

BG Check: A criminal background check for MLT students and faculty is required for clinical facilities. At the time of application, all students are provided information that, if selected, they will be admitted only upon completion of a criminal background check through a TSC approved vendor. The applicant is responsible for the fee for the criminal background check, which is currently approximately \$60.00.

Positive criminal histories will be reviewed anonymously by the Consortium for Health Professional Education (CHPE). CHPE is made up of high-ranking personnel from TSC and area hospitals. The CHPE reviews each case individually and determines whether that applicant will be allowed to attend clinical practicum. Therefore, students may not complete the program without attending clinical training.

Students should be advised that application for state licensure will again involve a review of

criminal history by the state licensure board, which may or may not be approved independently of the CHPE finding.

CPR: A valid American Heart Association BLS course C CPR card is required to register for Clinical Practicum. The Student can take the American Heart Association BLS Course C through TSC for continuing education or from another source of the student's choice. Red Cross CPR will not be honored.



Medical Laboratory Technology Program Physician's Awareness of Pregnancy

Student Name	Date of Birth	Social Security #
Technology Program. Due to the particular hazards (i.e. lifting, po	ently enrolled in Texas Southmost One nature of the Program, this student essible exposure to contagious disease tions, we need the following informations.	may be exposed to se, etc.). In order to
1. Approximate date of concept		
2. Approximate date of delivery		
3. Present health status		
4. Will the student be under you	ar care during her pregnancy?	
□ Yes	□ No	
5. Do you recommend her cont	inuation with Clinical Practicum Ed	ucation?
□ Yes	□ No	
6. Do you recommend that she	continue in the Program?	
☐ Yes	□ No	

7.	Recommended date maternity leave to begin:					
8.	Recommended date Clinical Practicum Educat	ion may resume after delivery				
NC	NOTE: A written release is required before this student may return to clinical practicum. TEXAS SOUTHMOST C O L L E G E					
	hysician's Printed Name	Date				

Medical Laboratory Technology Program Consent and Release to Have Invasive Procedures Performed

Date

Physician's Signature

In consideration of receiving live "hands-on" skills practice in (check all that apply):
<u>X</u> venipuncture,
other invasive procedures associated with my student level (please specify:),
I agree to allow the invasive procedures specified above to be performed upon my person by
other Texas Southmost College MLT students and/or faculty who shall practice "standard
precautions" (CDC, 1994) during said procedures. I assume full responsibility for any
consequences of such procedures. I understand that I may at any time withdraw my consent
without any penalty to my grade or clinical evaluation. If I decide to withdraw my consent, I
will promptly notify a TSC paramedic faculty of my decision. I have been advised, and I am
aware that risks are associated with venipuncture or the other invasive procedures noted above.
For example, risks related to venipuncture include but are not limited to bleeding, bruising, or
infection at the venipuncture site. There is also a risk of an allergic response to the solution used
for cleansing the area.

I, my successors, assignees, and personal representatives shall be bound by this release. I further jointly,

and severally, hereby agree to hold harmless, release, and indemnify any and all agents and students of TSC and employees including, but not limited to, faculty, from any and all injury, causes of actions, claims, demands, or liability incurred during the performance of venipuncture and other specified invasive procedures upon my body by other TSC students and/or MLT faculty.

By signing this release I affirm that I have read and understood the preceding. I also understand that MLT STUDENTS CAN ONLY PRACTICE INVASIVE PROCEDURES (e.g., venipuncture, etc.) in a TSC-approved clinical/laboratory setting UNDER THE DIRECT

SUPERVISION OF A TSC MLT FACULTY INSTRUCTOR or other approved Health Care worker certified to perform these skills. Therefore, this release and consent are hereby entirely, freely, and voluntarily executed by me.

PERTINENT HEALTH HISTORY CIRCLE ONE

- 1. Has there been any change in your general state of health in the last year? Yes No
- 2. Have you ever had any excessive bleeding requiring special treatment? Yes No If yes, describe:
- 3. Do you have any known allergies to alcohol, Betadine, or tape? Yes No
- 4. Are you currently taking medications that may prolong clotting time? Yes No

TSC MLT Student/ Date

TSC MLT Faculty/ Date



Medical Laboratory Technology Program Incident Report Form

Name:	Location:
Date:	Type of Record: Verbal or Written:
DESCRIPTION OF INCIDENT:	
RECOMMENDATIONS:	
1.	

2	
3	
STUDENT COMMENTS:	
Student Signature	



Medical Laboratory Technology Program Advisement /Counseling Form

Name:	ID Number:			
Date:	Instruc	ctor:		
Type of Advisement: Academic	Financial			
Behavioral	Clinical pract	icum		
Identify type of referral if necessary:				
Academic, referral to				
Behavioral, referral to				
Clinical practicum, referral to				
DESCRIPTION OF ADVISEMENT/RE	FERRAL:			

		
RECOMMENDATIONS:		
1		
2. STUDENT COMMENTS:		

APPENDIX A: INCIDENT FORM

Form Section

Sect	ion A: Information		Step 1			
Nam	e of Department/Program:		Date:			
<u>Na</u>	ame	<u>Title</u>				
_		- 1 E				
Sect	ion B: Incident Description/Injury In	formation	Step 1 and Step 2			
1)	Name and Age of Injured Individual:					
	Individual's first language:					
	Status (Employee & Title or Student):					
	Activity at time of injury:					
	If employee, then: ☐ Full-time ☐ Part-time☐ Temporary ☐ Seasonal ☐ Other:					
	If employee, length of employment:					
	If employee, Length in current position	at the time of the incide	ent:			
	Description and severity of injury:					
2) 3)	Date and time of incident: Location of Incident:					
	NOTE: Items 4, 5, and	6 are used for both Step	1 and Step 2			
4)	Detailed description of incident: Including incident. (It is preferred that the information)		- ·			
_						
He	e additional nages if needed					

5)	Description of incident from eye witnesses, including relevant events leading up to, during and after the incident. Include names of persons interviewed, job titles and date/time of interviews.
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	Description of incident from additional employees with knowledge, including relevant events leading up to, during and after the incident. Include names of persons interviewed, job titles and date/time of interviews.
500	
_	

A-2

Use additional pages if needed

Section C: Identify the Root Causes: What C	aused or Aliowed the Incident to Happ	en? Step 3
The Root Causes are the underlying reasons the	e incident occurred, and are the factors th	at need to
be addressed to prevent future incidents. If safe	fety procedures were not being followed, v	why were
they not being followed? If a machine was fau	ulty or a safety device failed, why did it fail	l? It is
common to find factors that contributed to the	incident in several of these areas:	
equipment/machinery, tools, procedures, train	ing or lack of training, and work environm	ent. If
these factors are identified, you must determine	ne why these factors were not addressed b	efore the
incident.		
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Use additional pages if needed		
Section D: Recommended Corrective Action	s to Frevent Future incidents	Step 4
10-2-10-00-00-00-00-00-00-00-00-00-00-00-00-		
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Use additional pages if needed		
Section E: Corrective Actions Taken/ Root C	auses Addressed	Step 4
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