



**CLBT 2200 Certification Review
Course syllabus
Fall Semester 2015**

Semester: Fall 2015
Course Title: Certification Review
Course Number: CLBT 2200
Credit Hours/ Minutes: 2/3000 Minutes
Class Location: room 739 & 716
Class Meets: M-R
CRN: 20290

Instructor: Cynthia Williams, MS, MT(AMT)(HHS)
Office Hours: 7:30-8am;3:30-5pm
Office Location:716 Gillis Building
Email Address: cwilliams@southeasterntech.edu
Phone: 912-538-3183
Fax Number: 912-538-3106

REQUIRED TEXT: *BOC Study Guide 5th ed. ASCP and Polanski review cards, V. Polanski*

REQUIRED SUPPLIES & SOFTWARE: Ink pens, pencil, highlighter, permanent marker, paper, pocket notebook, *Polanski review cards* and any other supplies deemed necessary by instructor.

METHODS OF INSTRUCTION: May include, but not limited to, hands on laboratory work, discussions, study questions, case studies, tests, and handouts.

COURSE DESCRIPTION:

Provides a review of basic knowledge from previous courses and helps the student prepare for national certification examinations for the medical laboratory technician level. Topics include review of: professional ethics, regulatory agencies, safety, and fundamental techniques; phlebotomy and specimen collection and processing; quality control concepts; computer applications; urinalysis and body fluids; hematology and coagulation; immunology and serology; immunohematology; clinical chemistry in solutions; microbiology; parasitology, mycology, mycobacteriology, and virology; and test taking skills.

PRE-REQUISITES:

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| CLBT 1030 - Urinalysis/Body Fluids (201003L) |
| CLBT 1040 - Hematology/Coagulation (201003L) |
| CLBT 1050 - Serology/Immunology (201003L) |
| CLBT 1060 - Immunohematology (201003L) |
| CLBT 1070 - Clinical Chemistry (201003L) |
| CLBT 1080 - Microbiology (201003L) |

MAJOR COURSE COMPETENCIES:

| | |
|----|--|
| 1 | Professional Ethics, Regulatory Agencies, Lab Safety, Equipment and Techniques |
| 2 | Phlebotomy, Specimen Collection and Infection Control |
| 3 | Quality Control Concepts |
| 4 | Computer Applications |
| 5 | Urinalysis and Body Fluids |
| 6 | Hematology and Coagulation |
| 7 | Immunology and Serology |
| 8 | Immunochemistry |
| 9 | Clinical Chemistry and Solutions |
| 10 | Microbiology |
| 11 | Parasitology, Mycology, Mycobacteriology, and Virology |
| 12 | Test-taking Skills and Work ethics |

General Core Educational Competencies: STC has identified the following general education core competencies that graduates will attain:

- a) The ability to utilize standard written English.
- b) The ability to solve practical mathematical problems.
- c) The ability to read, analyze, and interpret information.

All students pursuing a degree, a diploma, or a Technical Certificate of Credit with a General Education component will be required to pass the General Education **Competency Exams** prior to graduation.

Learning Outcomes**Professional Ethics, Regulatory Agencies, Lab Safety, Equipment and Techniques**

| Order | Description | Learning Domain | Level of Learning |
|-------|--|-----------------|-------------------|
| 1 | Evaluate case studies to determine the professional and ethical solution. | Cognitive | Evaluation |
| 2 | Demonstrate professional and ethical behavior in the clinical arena. | Cognitive | Application |
| 3 | Discuss certification options and apply for certification exam. | Cognitive | Comprehension |
| 4 | Discuss State of Federal Licensure laws, including, but not limited to: CLIA'88, CAP, The Joint Commission, State of Georgia DHR, Medicare/Medicare. | Cognitive | Comprehension |
| 5 | Demonstrate safety techniques related to storage of chemicals and handling of biohazardous materials. | Cognitive | Application |

| | | | |
|---|---|-----------|---------------|
| 6 | Review proper use of glassware, pipettes, spectrophotometer, balance, centrifuge, serial dilutions | Cognitive | Comprehension |
| 7 | Successfully complete a mock registry exam that includes General Lab Skills with a minimum score of 70%. | Cognitive | Application |

Phlebotomy, Specimen Collection and Infection Control

| Order | Description | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1 | Review proper identification techniques, anticoagulants, and common problems associated with venipunctures, skin punctures and solutions. | Cognitive | Comprehension |
| 2 | Review specimen collection techniques, handling and processing, including variables affected by improper technique | Cognitive | Comprehension |
| 3 | Review safety techniques, infection control procedures, isolation procedures, exposure plan, occupational hazards, and exposure control measures. | Cognitive | Comprehension |
| 4 | Successfully complete a mock registry exam in Phlebotomy, Specimen Collection and Infection Control with a minimum score of 70%. | Cognitive | Application |

Quality Control Concepts

| Order | Description | Learning Domain | Level of Learning |
|-------|--|-----------------|-------------------|
| 1 | Review functions of a quality assurance program, evaluating case studies to determine the proper procedures to follow in each event. | Cognitive | Comprehension |
| 2 | Review calculations of standard deviations, coefficient of variation, mean, and range. | Cognitive | Comprehension |
| 3 | Prepare quality control charts, document QA. | Cognitive | Application |
| 4 | Successfully complete a mock registry exam in Quality Control concepts with a minimum score of 70%. | Cognitive | Application |

Computer Applications

| Order | Description | Learning Domain | Level of Learning |
|-------|--|-----------------|-------------------|
| 1 | Review importance of proper data collection and input. | Cognitive | Comprehension |
| 2 | Discuss computerized patient routing. | Cognitive | Comprehension |

Urinalysis and Body Fluids

| Order | Description | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1 | Review fundamental theory of urinalysis/body fluids | Cognitive | Comprehension |
| 2 | Review anatomy of body systems associated with urinalysis and body fluids. | Cognitive | Comprehension |
| 3 | Review procedure for Urinalysis Dipstick and Microscopic exam. | Cognitive | Comprehension |
| 4 | Review correct method of reporting urinalysis/body fluids results. | Cognitive | Comprehension |
| 5 | Correlate urinalysis and body fluid test results with appropriate disease states. | Cognitive | Analysis |
| 6 | Successfully complete a mock registry exam on topics relating to urinalysis and body fluid testing and disease correlations with a minimum score of 70%. | Cognitive | Application |

Hematology and Coagulation

| Order | Description | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1 | Review RE System and apply this knowledge to hematology testing procedures. | Cognitive | Comprehension |
| 2 | Review procedure, and interpretation of CBC and Differential, cell counts, morphology and estimation of indices | Cognitive | Comprehension |
| 3 | Correlate hematology results to disease states. | Cognitive | Analysis |
| 4 | Correlate special testing to disease states, including, but not limited to: sickle cell test, sed rate, reticulocytes, spherocytes, abnormal hemoglobins, bone marrows, leukemias, and anemias. | Cognitive | Analysis |
| 5 | Review critical levels and blood cell dycrasias. | Cognitive | Comprehension |
| 6 | Review hematology instrumentation and troubleshooting techniques. | Cognitive | Comprehension |
| 7 | Review coagulation cascade and factor categories and function. | Cognitive | Comprehension |
| 8 | Review platelets structure and function. | Cognitive | Comprehension |
| 9 | Review test procedures and applications. | Cognitive | Comprehension |
| 10 | Correlate disease states with coagulation results. | Cognitive | Analysis |
| 11 | Review instrumentation related to coagulation/fibrinolysis studies. | Cognitive | Comprehension |

| | | | |
|----|---|-----------|----------|
| 12 | Successfully complete a mock registry exam including these topics with a minimum score of 70%. | Cognitive | Analysis |
|----|---|-----------|----------|

Immunology and Serology

| Order | Description | Learning Domain | Level of Learning |
|-------|--|-----------------|-------------------|
| 1 | Review parts of the immune system and their functions. | Cognitive | Comprehension |
| 2 | Review complement cascade and the function of this system. | Cognitive | Comprehension |
| 3 | Review structure and function of antigen-antibody reactions and their application in serological testing | Cognitive | Comprehension |
| 4 | Review clinical significance of disease states related to immunity, including, but not limited to: syphilis, immune deficiency, viruses, inflammation, allergies, autoimmune problems and lymphoproliferative disease. | Cognitive | Comprehension |
| 5 | Review common techniques, including, but not limited to: agglutination, precipitation, immunoassays, tumor markers, flocculation, electrophoresis and molecular diagnostic technology. | Cognitive | Comprehension |
| 6 | Review result and normal value recording and reporting. | Cognitive | Comprehension |
| 7 | Review proper specimen collection and handling techniques. | Cognitive | Comprehension |
| 8 | Review confirmatory tests. | Cognitive | Comprehension |
| 9 | Review sources of error in serological testing. | Cognitive | Comprehension |
| 10 | Successfully complete a mock registry exam related to immunology and serology topics with a minimum score of 70%. | Cognitive | Comprehension |

Immunohematology

| Order | Description | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1 | Review genetic reasons for blood type inheritance, hemolytic disease of the newborn and inheritance of antibodies | Cognitive | Comprehension |
| 2 | Review proper procedure of donor unit selection for compatibility testing. | Cognitive | Comprehension |
| 3 | Review proper donor unit selection in unusual circumstances: emergency, surgery, coagulation abnormalities, and pediatrics/elderly. | Cognitive | Comprehension |
| 4 | Review proper techniques for collection of donor units, donor selection, and treatment for donor reactions. | Cognitive | Comprehension |

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|----|--|-----------|---------------|
| 5 | Review procedures and interpretation of all pretransfusion tests. | Cognitive | Comprehension |
| 6 | Review sources of error in the procedures and interpretation of pretransfusion testing. | Cognitive | Comprehension |
| 7 | Review importance and procedure of quality control in pretransfusion testing. | Cognitive | Comprehension |
| 8 | Discuss case studies related to interpretation and troubleshooting problems in pre-transfusion testing. | Cognitive | Comprehension |
| 9 | Review use of transfusion products to manage disease states, including, but not limited to: packed red cells, specially treated packed red cells, cryoprecipitate, fresh frozen plasma, coagulation factors, RhoGam, platelets, and special set-ups. | Cognitive | Comprehension |
| 10 | Review symptoms of transfusion reactions. | Cognitive | Comprehension |
| 11 | Review the transfusion reaction investigation procedures. | Cognitive | Comprehension |
| 12 | Successfully complete a mock registry exam on topics related to Immunohematology with a minimum score of 70%. | Cognitive | Comprehension |

Clinical Chemistry and Solutions

| Order | Description | Learning Domain | Level of Learning |
|-------|--|-----------------|-------------------|
| 1 | Review test methods, procedures, normal values, interpretation, interference, and correlation to disease states in reference to carbohydrates, electrolytes and acid-base balance. | Cognitive | Comprehension |
| 2 | Review test methods, procedures, normal values, interpretation, interference, and correlation to disease states in reference to nitrogenous compounds | Cognitive | Comprehension |
| 3 | Review test methods, procedures, normal values, interpretation, interference, and correlation to disease states in reference to enzymes and endocrinology. | Cognitive | Comprehension |
| 4 | Review test methods, procedures, normal values, interpretation, interference, and correlation to disease states in reference to liver functions and lipids | Cognitive | Comprehension |
| 5 | Review test methods, procedures, normal values, interpretation, interference, and correlation to disease states in reference to toxicology and drug monitoring. | Cognitive | Comprehension |
| 6 | Review timing and specimen selection of specimen collection and correlation to proper test results. | Cognitive | Comprehension |
| 7 | Review body systems and related testing profiles. | Cognitive | Comprehension |
| 8 | Successfully complete a mock registry exam including these topics with a minimum score of 70%. | Cognitive | Application |

Microbiology

| Order | Description | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1 | Review specimen handling, proper media selection, inoculation techniques, smear techniques, stains, microscopics, atmosphere conditions and temperature regulation. | Cognitive | Comprehension |
| 2 | Review safety procedures and infection control measures. | Cognitive | Comprehension |
| 3 | Review sources of specimens and correlation to testing techniques, sterile technique, enhancement of growth conditions for identification of organisms | Cognitive | Comprehension |
| 4 | Review various pathogenic organisms, appearance on media, biochemical testing, and identification techniques. | Cognitive | Comprehension |
| 5 | Correlate presence of bacteria to disease states, critical values and normal flora. | Cognitive | Analysis |
| 6 | Review use of anti-microbial sensitivities in determining procedures and identifications of resistant, and sensitive organisms | Cognitive | Comprehension |
| 7 | Review multi-drug-resistant organisms and infection control techniques. | Cognitive | Comprehension |
| 8 | Successfully complete a mock registry exam on these topics with a minimum score of 70%. | Cognitive | Application |

Parasitology, Mycology, Mycobacteriology, and Virology

| Order | Description | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1 | Review proper specimen collection and handling for these special tests | Cognitive | Comprehension |
| 2 | Review testing procedures to identify these types of pathogenic organisms. | Cognitive | Comprehension |
| 3 | Correlate these organisms with disease states and critical values. | Cognitive | Analysis |
| 4 | Review special infection control techniques associated with mycology, mycobacteriology and virology. | Cognitive | Comprehension |
| 5 | Successfully complete a mock registry exam including these topics with a minimum score of 70%. | Cognitive | Application |

Test-taking Skills and Work Ethics

| Order | Description | Learning Domain | Level of Learning |
|--------------|--|------------------------|--------------------------|
| 1 | Review special topics: study skills, rest, relaxation techniques, arriving on time and feeling confident | Cognitive | Comprehension |
| 2 | Review multiple choice test taking skills: elimination, guessing, changing answers, and practice. | Cognitive | Comprehension |
| 3 | Review Work Ethics | Cognitive | Comprehension |
| 4 | Successfully complete a comprehensive mock registry exam with a minimum score of 70%. | Cognitive | Application |

STUDENT REQUIREMENTS:

Students are required to wear name badges. Students are responsible for policies and procedures included in the *STC Catalog/CLT handbook*. **No cell phones allowed.**

ATTENDANCE GUIDELINES: Class attendance is a very important aspect of a student's success. Being absent from class prevents students from receiving the full benefit of a course and also interrupts the learning process. Southeastern Technical College considers both tardiness and leaving early as types of absenteeism. Responsibility for class attendance rests with the student. Regular and punctual attendance at all scheduled classes is required for student success. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Instructors have the right to give unannounced quizzes/assignments. Students who miss an unannounced quiz or assignment will receive a grade of 0. Students who stop attending class, but do not formally withdraw, may receive a grade of F and face financial aid repercussions in upcoming semesters.

ADDITIONAL ATTENDANCE PROVISIONS

Health Sciences

Requirements for instructional hours within Health Science programs reflect the rules of respective licensure boards and/or accrediting agencies. Therefore, these programs have stringent attendance policies. Each program's attendance policy is published in the program's handbook and/or syllabus which specify the number of allowable absences. All provisions for required make-up work in the classroom or clinical experiences are at the discretion of the instructor.

Attendance is counted from the first scheduled class meeting of each semester. To receive credit for a course a student must attend at least 90% of the scheduled instructional time. Time and/or work missed due to tardiness or absences must be made up at the convenience of the instructor. Any student attending less than the required scheduled instructional time (90%) may be dropped from the course as stated below in the Withdrawal Procedure.

Tardy means arriving after the scheduled time for instruction to begin. Early departure means leaving before the end of the scheduled time. Three (3) tardies or early departures equal one (1) absence for the course. If you are 30 minutes late to class, you are considered absent for the day.

For this class, which meets 4 days a week for 2 weeks, the maximum number of days a student may miss is 1 day during the semester. All tests must be completed.

WITHDRAWAL PROCEDURE: Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% portion of the semester (date will be posted on the school calendar) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. A grade of “W” is assigned when the student completes the withdrawal form from the course.

Students who are dropped from courses due to attendance after drop/add until the 65% point of the semester will receive a “W” for the course. Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of 'F' being assigned.

After the 65% portion of the semester, the student will receive a grade for the course. (Please note: A zero will be given for all missed assignments.)

There is no refund for partial reduction of hours. Withdrawals may affect students' eligibility for financial aid for the current semester and in the future, so a student must also speak with a representative of the Financial Aid Office to determine any financial penalties that may be accessed due to the withdrawal. All grades, including grades of 'W', will count in attempted hour calculations for the purpose of Financial Aid.

Remember - Informing your instructor that you will not return to his/her course does not satisfy the approved withdrawal procedure outlined above.

TRADITIONAL ATTENDANCE ADDENDUM: CLBT 2200 Certification Review course will be the last two weeks of the summer semester from 8am to 4:00 pm. This course meets for 8 days. Only one day absence is allowed in the Certification Review course.

I urge you NOT to miss days! You miss valuable information if you are not in attendance! (Note: Three (3) tardies or early departures equal one (1) absence for the course.) If you are 30 minutes late to class, you will receive an absence for the day. Daily attendance and punctuality are of the utmost importance for successful completion. The student is expected to arrive and begin work promptly and to stay until class is completed. This course requires 3000 minutes of class. Any tests missed must be made up.

Specific Absences: Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

SPECIAL NEEDS : Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact Jan Brantley, Room 2108 Swainsboro Campus, 478-289-2274, or Helen Thomas, Room 108 Vidalia Campus, 912-538-3126, to coordinate reasonable accommodations.

PREGNANCY:

Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please advise me and make appropriate arrangements with the Special Needs Office. Swainsboro Campus: Jan Brantley, Room 1208, (478) 289-2274 -- Vidalia Campus: Helen Thomas, Room 108, (912) 538-3126.

MAKEUP GUIDELINES: Each day will be dedicated to review of a subject, test given and graded for the course. Any test missed is made up the next day the student attends and will be given after class time. Any test missed and not made up will receive a zero. The Mock Registry will be given the last day of the semester. Students must pass the Mock registry with a 70 or higher in three attempts to complete the CLT program.

ACADEMIC DISHONESTY POLICY: The STC Academic Dishonesty Policy states *All forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline.* The policy can also be found in the *STC Catalog and Student Handbook.*

Procedure for Academic Misconduct

The procedure for dealing with academic misconduct and dishonesty is as follows:

--First Offense--

Student will be assigned a **grade of "0" for the test** or assignment. Instructor keeps a record in course/program files and notes as first offense. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus. The Registrar will input the incident into Banner for tracking purposes.

--Second Offense--

Student is given a grade of **"WF" for the course** in which offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Registrar will input the incident into Banner for tracking purposes.

--Third Offense--

Student is given a grade of **"WF" for the course** in which the offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Vice President for Student Affairs, or designee, will notify the student of **suspension from college** for a specified period of time. The Registrar will input the incident into Banner for tracking purposes.

STATEMENT OF NON-DISCRIMINATION: Southeastern Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, disabled veteran, veteran of Vietnam Era or citizenship status, (except in those special circumstances permitted or mandated by law). This school is in compliance with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin; with the provisions of Title IX of the Educational Amendments of 1972, which prohibits discrimination on the basis of gender; with the provisions of Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap; and with the American with Disabilities Act (ADA).

GRIEVANCE PROCEDURES: Grievance procedures can be found in the **Catalog and Handbook located on STC's website.**

ACCESS TO TECHNOLOGY: Students can now access Angel, Remote Lab Access, Student Email, Library Databases (Galileo), and BannerWeb via the mySTC portal or by clicking the Current Students link on the STC website at www.southeasterntech.edu.

WORK ETHICS: The Technical College System of Georgia instructs and evaluates students on work ethics in all programs of study. Ten work ethics traits have been identified and defined as essential for student success: appearance, attendance, attitude, character, communication, cooperation, organizational skills, productivity, respect, and teamwork. Students will be required to take a work ethics exam as marked in the lesson plan. A grade of 70 or better is required to complete the work ethics requirements for this class.

GRADING: **A grade of 70 or above is required to pass all CLT courses.** (Grades of 69.9 will not be rounded up). **NO GRADES WILL BE DROPPED!!!** You must receive a "C" or higher in all CLBT, core,

and clinical courses to progress in the CLT program. **The Mock registry is your Capstone exam. The exam must be passed in three attempts to complete the CLT program.**

GRADING POLICY

Mock registry 50%
 All test averaged 45%
 Work ethics 5%

- **All tests MUST be passed with a grade of 70 or greater in order to satisfy the CLBT 2200 course and TCSG standards!**

GRADING SCALE

A: 90-100
 B: 80-89
 C: 70-79
 D: 60-69
 F: 0-59

TCSG GUARANTEE/WARRANTY

STATEMENT: *The Technical College System of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.*

| <p>CLBT 2090 Phlebotomy/Serology/Urinalysis (weeks 1-3) CLBT 2130 Clinical Chemistry (weeks 5-8) CLBT 2110 Hematology and Coagulation (weeks 10-13) CLBT 2200 Certification Review(weeks 14 and 16)</p> <p>Fall semester Lesson Plan 2015 Lesson Plan is subject to change at the discretion of the instructor.</p> | | | | |
|---|-------------|--|---|---|
| Week | Chap / Less | Content | Tests Assignments | Comp Area |
| Week 1 Aug. 17-21 | | | | |
| 1 | | Clinical 2090 Phlebotomy/ UA/Serology | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | Phlebotomy / UA/Sero Course 1-6 Core A,B,C |
| Week 2 Aug. 24-28 | | | | |
| 2 | | Clinical 2090 Phlebotomy/ UA/Serology | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | Phlebotomy / UA/Sero Course 1-6 Core A,B,C |
| Week 3 Aug. 31-4 | | | | |

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|------------------------------------|--|---|---|---|
| 3 | | Clinical 2090 Phlebotomy/ UA/Serology Total: 120 hours | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | Phlebotomy / UA/Sero Course 1-6 Core A,B,C |
| Week 4 Sept. 7 (Holiday)-11 | | | | |
| 4 | | If you have the required 120 hours for this rotation you do not have to report to clinicals this week. Use this week to work on Serology case study, study questions, or make up hours for clinical time. | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | |
| Week 5 Sept.14-18 | | | | |
| 5 | | 2130 Clinical Chemistry | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | Chemistry Course 1-9 Core A,B,C |
| Week 6 Sept. 21-25 | | | | |
| 6 | | 2130 Clinical Chemistry | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | Chemistry Course 1-9 Core A,B,C |
| Week 7 Sept. 28- Oct. 2 | | | | |
| 7 | | 2130 Clinical Chemistry | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | Chemistry Course 1-9 Core A,B,C |
| Week 8 Oct. 5-9 | | | | |
| 8 | | 2130 Clinical Chemistry Total: 160 hours | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | Chemistry Course 1-6 Core A,B,C |

| Week 9 Oct. 12-16 | | | | |
|--------------------|--|--|--|-----------------------------------|
| 9 | | If you have the required 160 hours for this rotation you do not have to report to clinicals this week. Use this week to work on Chemistry case study, study questions, or make up hours for clinical time. | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | |
| Week 10 Oct. 19-23 | | | | |
| 10 | | 2110 Clinical Hematology/Coagulation | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | Hematology 1-8 Core A-C |
| Week 11 Oct. 26-30 | | | | |
| 11 | | 2110 Clinical Hematology/Coagulation | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | Hematology 1-8 Core A-C |
| Week 12 Nov. 2-6 | | | | |
| 12 | | 2110 Clinical Hematology/Coagulation | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | Hematology 1-8 Core A-C |
| Week 13 Nov. 9-13 | | | | |
| 13 | | 2110 Clinical Hematology/Coagulation Total: Hours 160 | Case study Study questions Polanski review cards Fax time sheet 912-538-3106 Att: Cindy Williams | Hematology 1-8 Core A-C |
| Week 14 Nov. 16-20 | | | | |
| 14 | | Certification Review at STC Monday- Thursday! 8-4pm | Monday- Phl/UA/Sero review; TEST Tuesday-Chemistry review; TEST Wednesday-Microbiology Review concentrate bacteria; Thursday- Microbiology Review cont. concentrate virus, fungi, and parasites.; TEST Work ethics exam. | Review course 1-12 Core A-C |

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| | | | <p>Serology/Chemistry/Hematology or coagulation case studies are due and will be presented to the class.</p> <p>All study questions due.</p> <p>All clinical site evaluations due.</p> <p>All “number of test” per clinical site rotation due.</p> | |
| Week 15 Nov. 23 and 24 (25-27 Holidays!) | | | | |
| 15 | | Use this week to review all CLT courses! | | |
| Week 16 Nov. 30- Dec. 3 | | | | |
| 16 | | <p>Certification Review at STC</p> <p>Monday- Thursday!8-4pm</p> | <p>Monday- Hematology Review; TEST</p> <p>Tuesday- Blood bank Review; TEST</p> <p>Wednesday- Serology/Chemistry/Hematology or coagulation case studies are due and will be presented to the class.</p> <p>Review any weak areas; Test taking skills;</p> <p>AMT MOCK MT TEST</p> <p>Thursday- MOCK REGISTRY- you must pass this MOCK registry in 3 attempts with a 70 or higher and the course with a 70 or higher to pass the entire CLT program.</p> <p>All test grades week 14 and 16 are averaged and is 45% of your grade.</p> <p>Work ethics is 5%</p> <p>MOCK registry is 50% of your grade for this course.</p> | <p>Review course</p> <p>1-12</p> <p>Core A-C</p> |

CLBT 2200: Major Course Competencies:

| | |
|----|--|
| 1 | Professional Ethics, Regulatory Agencies, Lab Safety, Equipment and Techniques |
| 2 | Phlebotomy, Specimen Collection and Infection Control |
| 3 | Quality Control Concepts |
| 4 | Computer Applications |
| 5 | Urinalysis and Body Fluids |
| 6 | Hematology and Coagulation |
| 7 | Immunology and Serology |
| 8 | Immunochemistry |
| 9 | Clinical Chemistry and Solutions |
| 10 | Microbiology |
| 11 | Parasitology, Mycology, Mycobacteriology, and Virology |
| 12 | Test-taking Skills and Work ethics |

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- A. The ability to utilize standard written English.
- B. The ability to solve practical mathematical problems.
- C. The ability to read, analyze, and interpret information.

All students pursuing a degree, a diploma, or a Technical Certificate of Credit with a General Education component will be required to pass the General Education **Competency Exams** prior to graduation.

Helpful websites: Jobs; Review material; BSMT

Indeed.com

Advanceweb.com

CareerBuilder.com

<http://www.clubstaffing.com/job-search/?l=&s=&d=&p=&k=Medical+Technologist&sb=&sd=&ps=&type=&ssb=&dfc=&dft=&sdt=&stg=&ts=&dc=&c=>

<http://www.ccmsstaffing.com/staffing.htm>

http://www.labce.com/ascp_cls_certification_exam_simulator.aspx

<http://www.ascp.org/PDF/BOC-PDFs/Guidelines/ExaminationContentGuidelineMLT.aspx>

<http://www.studystack.com/LaboratoryScience>

<https://www.careers.ga.gov/>

MT on line:

Armstrong Atlantic (contact Charlotte Bates- charlotte.bates@armstrong.edu)in Savannah

Thomas University

University of Cincinnati- clsonline.uc.edu

Marshall University- Jennifer.perry@marshall.edu

South Dakota State University- Pat.Tille@sdstate.edu

Georgia Regents University- Lester Pretlow lpretlow@gru.edu