

CCRI CURRICULUM REVIEW COMMITTEE MEETING

November 30, 2018, 2:00 to 4:00pm

President's Conference Room – Knight Campus

Minutes

NON ACTION/ANNOUNCEMENTS

At approximately 2:00pm Associate Vice President Melissa Fama Called the meeting to order and took roll call.

Upon taking roll call it was determined that *quorum was not met*. The meeting was adjourned.

Shawn Parker will address the committee and present proposed updates/additions to the course proposal form. The additions/updates reflect the work of the General Education Committee with regards to updating CCRI's Definition of an Educated Person: Four Abilities, and updates regarding approval of General Education courses.

EXPERIMENTAL COURSE PROPSAL ANNOUNCEMENTS:

Social Science Department is proposing:

- | | | |
|--|-----------|-----------|
| 1. Course Proposal: | HIST 2025 | 3 credits |
| American Presidency in the Twentieth Century | | |

The next Curriculum Review Committee meeting will take place on, February 8, 2019 please note – Initial proposals are due to deans by January 4, 2019.

ACTION/VOTING ITEMS

Revised. Program Proposal: Medical Laboratory Technology

Allied Health, Credits 75

Originator: Maddie Josephs

RATIONALE:

RATIONALE FOR THE PROGRAM: (revision)

The MLT (Medical Laboratory Technology) Program has been in existence since 1974. Since that time, there have been tremendous advances in technology in the medical laboratory profession. Graduates of the program, after passing a national board examination, find gainful employment, mainly in hospital laboratories. The program currently has affiliation agreements with 10 clinical sites where the students perform their clinical rotation after the first two semesters and then again in the final semester, all under the supervision of certified personnel.

This program currently awards **81** credits to graduates. In attempt to reduce the total program credits, courses no longer deemed pertinent have been removed to make the program total credits more in line with associate's degree program credit totals. This proposal aims to reduce total credits awarded to **75**. This change comes as a result of discussions with the Advisory Committee and the MLT program's accrediting agency, The National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Courses to be eliminated include Introduction to Computers (COMI 1100 3 credits) and Information Technology for CLT (MLTC 1970 2

credits). Introduction to Computers teaches word processing, spread sheets, and presentation software – these programs are not relevant to the clinical laboratory. When the LIS (Laboratory Information Systems) was first developed, MLTC 1970 was developed to introduce the student to information technology in the lab. Current concepts and principles of the LIS are now incorporated in all MLTC courses and an LIS currently exists in our student lab and is used by MLT students during lab sessions. In addition, students get significant exposure to a variety of laboratory information systems during their clinical internship.

The changing landscape of healthcare institutions in Rhode Island and nearby Massachusetts and Connecticut has become an issue for the CCRI MLT program. The merging of hospitals has resulted in the combining of resources for these institutions, including laboratory services. **Just one example** is Care New England, the parent company of Women & Infants, Kent Hospital and the former Memorial Hospital of Rhode Island. In the past, these three hospitals each accepted at least 2 students for clinical rotation. With the closing of MHRI and the combining of laboratory resources between Kent and W & I, the placement of 6 students has been reduced to 2.

The disciplines most impacted by this situation include Immunohematology and Microbiology. Clinical sites do not have the personnel resources for a 4 week clinical rotation any longer. By reducing the time required, for example, in Clinical Immunohematology (MLTC 1940) students can complete their clinical internship on a rotation basis, 2.5 weeks (3 credits), and more students can be placed at one site. This proposed revision, to meet the needs of our clinical sites, includes the reduction of clinical hours and expansion of on campus laboratory student experiences, with a new course, *Topics in Immunohematology* (1 credit), to ensure competencies are being met.

MLTC 1940 is currently titled: Clinical Serology/Immunohematology. This course title is outdated and needs to be changed to Clinical Immunohematology. Serology, which in the past was a separate discipline in the lab, has been integrated into other areas of the laboratory and students are exposed to serological (immunological) techniques in Chemistry, Hematology and Immunohematology.

MLTC 1120 is currently titled: Clinical Immunology/Serology. For reasons listed above, the word serology needs to be removed as it is an outdated term. The course is now Clinical Immunology.

In addition, the practitioner title and certification, through the ASCP Board of Certification, has been changed from Clinical Laboratory Technologist to Medical Laboratory Technologist. (Announcement of the CCRI program name change at 2/12/16 CRC meeting). Two (2) course titles (Phlebotomy for Clinical Laboratory Technology I and II - **MLTC 1130 and 1930**) must be changed to reflect this, which is indicated on the course list attached. While the course titles will change for these courses, course descriptions and student learning outcomes will not change.

CATALOG DESCRIPTION:

This program provides the classroom and laboratory preparation required for students to work in a hospital, public or private health laboratory, performing a wide variety of blood and body fluid tests in the areas of clinical chemistry, hematology, immunohematology, microbiology, immunology and others. Students undertake three semesters of preparation on campus and two semesters at an affiliated site where diagnostic clinical procedures are performed under the supervision of qualified and certified personnel. Procedural techniques, patient safety, quality assurance as well as care and maintenance of equipment, are emphasized throughout the clinical and academic experiences.

The Medical Laboratory Technology program prepares students as Medical Laboratory Technicians with entry-level knowledge, application, and problem-solving skills to competently and safely perform a variety of laboratory procedures and function as an active member of the healthcare team.

Graduates of this program are eligible for employment in a hospital, public or private health laboratory, health care clinic, veterinary office, research lab, crime lab or pharmaceutical lab, performing a wide variety of diagnostic tests. They also may choose to transfer to a bachelor's degree program at a four-year college or university.

Graduates are eligible to sit for the national certification examination for MLT given by the ASCP Board of Certification (BOC).

New Course Proposal: Topics in Immunohematology

MLTC 1161, 1 credit

Originator: Maddie Josephs and Debra St. Pierre

RATIONALE:

Immunohematology is the clinical laboratory discipline most impacted by the mergers of hospitals and combining of laboratory resources. (While private laboratories can be utilized as clinical sites for all other disciplines, they cannot be utilized for Immunohematology clinical rotations). By reducing the time required for Clinical Immunohematology (MLTC 1940) students can complete their clinical internship, on a rotation basis, in 2.5 weeks instead of four (4). As a result, more students can be placed at one site. This revision, to meet the needs of our clinical sites, includes the reduction of clinical hours and the addition of on campus laboratory course. This addition of a student lab on campus will ensure that competencies are met.

CATALOG DESCRIPTION

NEW:

This course is designed to provide the student with the necessary skills for proficiency in Immunohematology techniques and procedures. Emphasis will be placed on laboratory skills, including decision making, interpretation, and quality assurance. Upon completion, the student will show 100% proficiency in type and screen, compatibility testing, antibody identification and other procedures.

Revised Course Proposal (Name Change): Clinical Immunohematology

MLTC 1940, 3 credits

(Formerly Serology/Clinical Immunohematology)

Originator: Maddie Josephs

RATIONALE:

Theory related to the practice of Immunohematology is introduced during the spring semester through lecture and extensive laboratory practice. After successfully completing the course, students proceed through a clinical rotation at an affiliated site. By reducing the time required, for example, in Clinical Immunohematology (MLTC 1940) students can complete their clinical internship on a rotation basis, 2.5 weeks (3 credits), and more students can be placed at one site. This proposed revision, to meet the needs of our clinical sites, includes the reduction of clinical hours and expansion of on campus laboratory student experiences, with a new course, *Topics in Immunohematology* (1 credit), to ensure competencies are being met.

MLTC 1940 is currently titled: Clinical Serology/Immunohematology. This course title is outdated and needs to be changed to Clinical Immunohematology. Serology, which in the past was a separate discipline in the lab, has been integrated into other areas of the laboratory and students are exposed to serological (immunological) techniques in Chemistry, Hematology and Immunohematology.

CATALOG DESCRIPTION

OLD:

MLTC 1940 - Clinical Immunology/Immunoematology (4 Credits)

Students perform selected procedures in serology and immunoematology at the clinical site.

(Prerequisite: MLTC 1120 and 1160)

Lab: 40 hours/week

CATALOG DESCRIPTION

NEW:

MLTC 1940- Clinical Immunoematology (**3 credits**)

This clinical internship provides the student with opportunity to implement skills learned in MLTC 1160 and MLTC 1161 in a clinical laboratory environment. Students attend for 40 hours per week for 2.5 weeks. There is ample opportunity for additional practice of blood bank principles and procedures and to gain experience with automated instruments.

(Prerequisite: MLTC 1160, MLTC 1161 and MLTC 1120)

Clinical: 40 hours/week/2.5 weeks

Revised Course Proposal: Clinical Urinalysis

MLTC 1950, 1 credits

Originator: Maddie Josephs

RATIONALE:

Theory related to the practice of Urinalysis is introduced during the spring semester through lecture and laboratory exercises. After successfully completing the on-campus course, students proceed through a clinical rotation at an affiliated site.

Currently, the length of the clinical rotation for Urinalysis is two (2) weeks. After discussion with clinical preceptors and advisory committee members, it has been determined that, due to advances in technology, 2 weeks is no longer needed. The length of clinical for urinalysis can be reduced to 1.5 weeks. (7 or 8 days)

Overall reducing the length of the clinical rotations is necessary to maintain clinical sites. Clinical preceptors have repeatedly indicated that competencies can be met in the allotted time.

CATALOG DESCRIPTION

OLD:

MLTC 1950 - Clinical Urinalysis (2 weeks) (2 Credits)

Student perform selected procedures in urinalysis at the clinical site.(Prerequisite: MLTC 1150)

Lab: 40 hours/week Lab

CATALOG DESCRIPTION

NEW:

MLTC 1950 - Clinical Urinalysis (1 credits)

This clinical experience will provide the student with theory and practice in performing urinalysis, with the examination of the physical, chemical and microscopic components of urine. Analysis of other body fluid, including serous, amniotic, synovial, seminal and vaginal are included. Students attend for 40 hours per week for 1.5 weeks.

(Prerequisite: MLTC 1150) (Co-requisite: MLTC 1140)

Clinical: 40 hours/week/1.5 weeks

Revised Program Proposal: Engineering Transfer (9 Tracks)

ETEK, 65-73 Credits

Originator: Dr. Phil Miller

RATIONALE:

This program is designed to serve as the first two years of a Bachelor of Science in Engineering Degree Program at URI or an ABET accredited college or university. CCRI has worked with URI to develop nine concentration tracks designed to transfer to the nine associated tracks in the College of Engineering at URI or other institution with an ABET accredited Engineering Program.

The changes outlined in this packet are necessary due to changes in the University of Rhode Island's B.S. in Engineering Program Tracks. These changes will ensure that students have completed all necessary courses at CCRI to begin at URI as a third year student and will not have prerequisite courses preventing their registration.

CATALOG DESCRIPTION:

Successful completion of this program enables qualified students to transfer to an accredited engineering curriculum and apply most credits to a Bachelor of Science degree in engineering. This program provides a firm background in basic engineering principles. The curriculum includes a strong foundation in mathematics, the basic sciences and engineering fundamentals as well as liberal arts courses that are applicable to most Bachelor of Science degree programs.

Entrance to the program requires a mathematics placement examination at a calculus level (student is ready to take MATH 2141) or the completion of CCRI Pre-calculus (MATH 2111). It is recommended that all applicants take a mathematics placement examination prior to the summer session.

For courses to transfer to accredited engineering programs, it is important that students adhere to the required prerequisites and corequisites. When in doubt, [refer to the course descriptions](#).

Although most courses apply to the curriculum of many B.S. in engineering programs, the course sequences and schedules listed on the following pages will allow students to apply their studies toward one of nine

University of Rhode Island engineering programs. These course sequences are for full-time, day students who enter in the fall semester, allowing them to complete the Associate in Science degree requirements at CCRI in four semesters and transfer to the University of Rhode Island as a junior. For the first semester, all engineering students take all the same courses. In all other semesters, the required courses will depend upon the desired engineering program. For most engineering programs, students are required to take courses only offered by URI. For CCRI students taking 12 or more credits, up to seven of these credits can be taken per semester at URI under the inter-institutional agreement at no additional cost. [See description of the agreement on this page.](#)