

Department of Clinical and Diagnostic Sciences

Bachelor of Science in Medical Technology

According to the SACSCOC Off-Site Committee, the undergraduate Medical Technology program, was found to be non-compliant with Comprehensive Standard 3.5.4 as described below.

3.5.4 At least 25 percent of the course hours in each major at the baccalaureate level are taught by faculty members holding an appropriate terminal degree—usually the earned doctorate or the equivalent of the terminal degree. (Terminal degrees of faculty).

Response: The following data are provided to demonstrate compliance to this Comprehensive Standard for the B.S. in Medical Technology program.

- 1) The medical technology profession is an M.S. terminal degree profession with the M.S. degree awarded as an M.S. in Clinical Laboratory Science or an M.S. in Medical Laboratory Science. Currently, there are no PhD programs in medical technology, and therefore, we believe that the terminal degree in this field is the M.S. degree. At least 25% of the course hours are being taught by faculty holding an appropriate terminal degree (M.S. or higher). Additionally, three faculty members contributing to the curriculum hold a terminal degree (PhD), and one faculty member holds certification as a Specialist in Blood Bank (SBB) (Immunohematology), the highest certification available in this content area. Therefore, 19 of the 64 credit hours (29%) are taught by terminal degreed faculty and/or faculty with advanced certification in their content area. Refer to Table 1 below.
- 2) The Medical Technology Program is currently accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS). According to NAACLS, all programs must:
 - Have qualified faculty/instructors who hold appointments in the education program
 - Have faculty who demonstrate adequate knowledge and proficiency in their content areas
 - Have faculty who have proof of ongoing professional development related to their respective teaching areas

In 2014, the Medical Technology program received a full accreditation award from NAACLS with no citations noted during the site visit. The program was found to be in compliance with all of the required standards, including faculty requirements.

Additional Information for compliance moving forward

In 2012, three faculty members left the Medical Technology program (one due to a medical illness and two to retirements). Two of the three faculty members who left the program were terminal degreed faculty (PhD). Since the medical technology profession

is a profession with the M.S. as its terminal degree, finding faculty to replace the three who left the program proved to be a long process. The program hired credentialed faculty with content expertise to teach courses in the transition period until new faculty were hired. In 2014, the program hired one additional faculty member with a terminal degree (DrPH) and a program director with ASCP certification and a terminal degree (EdD) for a total of two new faculty hires with terminal degrees. One faculty joined our program May 2014 and the other faculty will join our program in April 2015. Additionally, the department hired one additional faculty member for the Biomedical Sciences program (hired July 1, 2014) who will be contributing to the medical technology program in his content expertise area (immunology). With the hiring of these three additional faculty members, the program will remain in compliance with SACSCOC standard 3.5.4. Over half of the curriculum will be taught by terminal degreed faculty. Please refer to Table 2 for faculty assignments on a course-by-course basis.

Table 1: Medical Technology Curriculum (2013 – 2014)

Number	Name	Credit hours	Instructor	Credentials	Terminal Degree/ Qualification
MT 400	Health and Safety Mgmt	1	Brianna Miller	M.S., MLS(ASCP)	M.S. ASCP certified
MT 403	Body Fluids	1	Michelle Brown	M.S., MLS(ASCP)	M.S. ASCP certified
MT 404	Body Fluids Lab	1	Michelle Brown	M.S., MLS(ASCP)	M.S. ASCP certified
MT 405	Lab Mgmt	3	Joanne Brock	M.S.	M.S. ASCP certified
MT 406	Lab Techniques	2	Brianna Miller	M.S., MLS(ASCP)	M.S. ASCP certified
MT 418	Immunology	4	Michelle Brown	M.S., MLS(ASCP)	M.S. ASCP certified
MT 419	Immunology Lab	1	Michelle Brown	M.S., MLS(ASCP)	M.S. ASCP certified
MT 423	Microbiology	3	Tera Webb	M.S., MLS(ASCP)	M.S. ASCP certified
MT 424	Microbiology Lab	1	Tera Webb	M.S., MLS(ASCP)	M.S. ASCP certified
MT 426	Inst. & Auto	2	Janelle Chiasera	PhD, MLS(ASCP)	Ph.D.
MT 427	Inst & Auto Lab	1	Janelle Chiasera	PhD, MLS(ASCP)	Ph.D.
MT 442	Molecular Diagnostics	3	Vivian Pijuan-Thompson	PhD	Ph.D.
MT 443	Molecular Lab	1	Vivian Pijuan-Thompson	PhD	Ph.D.
MT 428	Hematology I	4	Kathy Jones	M.S., MLS(ASCP)	Adjunct faculty
MT 430	Immunohematology	4	Michelle Brown	M.S., MLS(ASCP), SBB	M.S. SBB Certified (highest certification awarded in this specialty)
MT 431	Immunohematology Lab	1	Michelle Brown	M.S., MLS(ASCP), SBB	M.S. SBB Certified (highest certification awarded in this specialty)
MT 438	Infectious Diseases	3	Tera Webb	M.S., MLS(ASCP)	M.S. ASCP certified
MT 439	Infectious Diseases Lab	2	Tera Webb	M.S., MLS(ASCP)	M.S. ASCP certified
MT 432	Hematology II	4	Courtney Sherman	M.S., MLS(ASCP)	M.S. ASCP certified
MT 451	Clinical Chemistry	4	Janelle Chiasera	PhD, MLS(ASCP)	Ph.D.
MT 452	Clinical Chem Lab	1	Janelle Chiasera	PhD, MLS(ASCP)	Ph.D.

MT 455	Research Principles	2	Wes Granger	PhD	Ph.D.
MT 460	Clinical Correlations	3	Brianna Miller	M.S., MLS(ASCP)	M.S. ASCP certified
MT 470	Certification review	1	Michelle Brown	M.S., MLS(ASCP)	M.S. ASCP certified
MT 495	Clinical Practice	12	Michelle Brown	M.S., MLS(ASCP)	M.S. ASCP certified

ASCP - American Society for Clinical Pathology

MLS - Medical Laboratory Scientist

SBB - Specialist in Blood Bank

Table 2: Medical Technology Curriculum (2014 – 2015)

Number	Name	Credit hours	Instructor	Credentials	Terminal Degree/Qualification
MT 400	Health and Safety Mgmt	1	Ana Oliveira	DrPH	Dr.PH
MT 403	Body Fluids	1	Michelle Brown	MS, MLS(ASCP)	M.S. ASCP certified
MT 404	Body Fluids Lab	1	Michelle Brown	MS, MLS(ASCP))	M.S. ASCP certified
MT 405	Lab Mgmt	3	Floyd Josephat	EdD	Ed.D.
MT 406	Lab Techniques	2	Brianna Miller	MS, MLS(ASCP)	M.S. ASCP certified
MT 418	Immunology	3	Ted Bertrand	PhD	Ph.D.
CDS 400	Phlebotomy	1	Michelle Brown	MS, MLS(ASCP)	M.S. ASCP certified
MT 423	Microbiology	3	Tera Webb	MS, MLS(ASCP)	M.S. ASCP certified
MT 424	Microbiology Lab	1	Tera Webb	MS, MLS(ASCP)	M.S. ASCP certified
MT 426	Inst. & Auto	2	Janelle Chiasera	PhD	Ph.D.
MT 427	Inst & Auto Lab	1	Janelle Chiasera	PhD	Ph.D.
MT 442	Molecular Diagnostics	3	Ana Oliveira, DrPH	DrPH	Dr.PH
MT 443	Molecular Lab	1	Ana Oliveira, DrPH	DrPH	Dr.PH
MT 428	Hematology I	4	Floyd Josephat	EdD	Ed.D
MT 430	Immunohe-matol-ogy	4	Michelle Brown	MS, MLS(ASCP), SBB	M.S. SBB Certified (highest certification awarded in this specialty)
MT 431	Immunohe-matol-ogy Lab	1	Michelle Brown	MS, MLS(ASCP), SBB	M.S. SBB Certified (highest certification awarded in this specialty)
MT 438	Infectious Diseases	3	Ana Oliveira	DrPH	Dr.PH
MT 439	Infectious Diseases Lab	1	Ana Oliveira	DrPH	Dr.PH
MT 432	Hematology II	4	Floyd Josephat	EdD	Ed.D.
MT 451	Clinical Chemistry	4	Janelle Chiasera	PhD	Ph.D
MT 452	Clinical Chem Lab	1	Janelle Chiasera	PhD	Ph.D
MT 455	Research Principles	2	Ana Oliveira	DrPH	Dr.PH
MT 460	Clinical Correlations	3	Brianna Miller	MS, MLS(ASCP)	M.S. ASCP certified
MT 470	Certification	1	Michelle Brown	MS,	M.S. ASCP

	review			MLS(ASCP)	certified
MT 495	Clinical Practice	12	Michelle Brown	MS, MLS(ASCP)	M.S. ASCP certified

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