

Associate of Science in Clinical Laboratory Science AY 2011/12

Student Learning Outcomes	Assessment Methods & Criteria	Student Learning Evidence	Utilization of Evidence
Graduates will demonstrate cognitive, psychomotor, and affective skills necessary to fulfill the roles and responsibilities of the entry-level clinical laboratory technician.	The number of graduates from the CLT Program will be monitored each year. Criteria for assessment will be a graduation rate of 90%.	Nine of nine CLT clinical students graduated from the CLT program during 2011-2012 for a graduation rate of 100%.	Criteria met. The graduation rate of CLT students will continue to be monitored in an effort to meet the workforce needs of the LSUA service area.
Graduates will demonstrate cognitive, psychomotor, and affective skills necessary to fulfill the roles and responsibilities of the entry-level clinical laboratory technician.	Passage rate on the national certification board examinations will be monitored. Criteria for assessment will be an 80% passage rate.	Five of nine CLT graduates have taken national certification board exams. Four of the five students taking the exams successfully completed the exams for a passage rate of 80%.	Criteria met. Students will be encouraged to sit for national certification board exams as soon as possible after graduation in an effort to get all graduates to sit for the exams.
Graduates will demonstrate cognitive, psychomotor, and affective skills necessary to fulfill the roles and responsibilities of the entry-level clinical laboratory technician.	Graduates will be surveyed at 6 months after graduation. It is desired that 90% of the graduates responding to the survey will answer "strongly agree" or "agree" to the following statement: "Upon graduation, as an entry-level CLT I was academically well prepared."	CLT graduates were surveyed 6 months after graduation. 100% of graduates responding to the survey answered "strongly agree" or "agree" to the following statement: "Upon graduation, as an entry-level CLT I was academically well prepared."	Criteria met. Graduates surveys will continue to be used to assess and improve academic preparedness of graduates.
Graduates will demonstrate cognitive, psychomotor, and affective skills necessary to fulfill the roles and responsibilities of the entry-level clinical laboratory technician.	Employers of CLT graduates will be surveyed 6 months after graduation. It is desired that 90% of employers responding to the survey will answer "strongly agree" or "agree" to the following statement: "Upon graduation, the entry-level CLT was academically well prepared."	Employers of CLT graduates were surveyed 6 months after graduation. Of the employers responding to the survey, 100% answered "strongly agree" or "agree" to the following statement: "Upon graduation, the entry-level CLT was academically well prepared."	Criteria met. Employer surveys will continue to be used to assess and improve academic preparedness of CLT graduates.

<p>Graduates will demonstrate technical skills and delivery of reliable results with assurance and confidence in performing laboratory skills.</p>	<p>CLT graduates will be surveyed 6 months after graduation. It is desired that 90% of graduates responding to the survey answer "strongly agree" or "agree" to the following statements: "Upon graduation, as an entry level CLT, I was able to (1) perform accurate laboratory testing; (2) monitor quality control within predetermined limits; (3) operate laboratory equipment and instruments properly; (4) perform preventive and corrective maintenance of equipment and instruments or refer to appropriate sources for repair, and (5) I was clinically well prepared."</p>	<p>CLT graduates were surveyed 6 months after graduation. Of the graduates responding to the survey, 100% answered "strongly agree" or "agree" to the following statement: "Upon graduation, as an entry-level CLT, I was able to (1) perform accurate laboratory testing; (2) monitor quality control within predetermined limits; (3) operate laboratory equipment and instruments properly; (4) perform preventive and corrective maintenance of equipment and instruments, or refer to appropriate sources for repair, and (5) I was clinically well prepared."</p>	<p>Criteria met. Graduates surveys will continue to be used to assess and improve clinical preparedness of graduates.</p>
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<p>Graduates will demonstrate technical skills and delivery of reliable results with assurance and confidence in performing laboratory skills.</p>	<p>Employers of CLT graduates will be surveyed 6 months after graduation. It is desired that 90% of employers responding to the survey answer "strongly agree" or "agree" to the following statements: "Upon graduation, the entry level CLT, was able to (1) perform accurate laboratory testing; (2) monitor quality control within predetermined limits; (3) operate laboratory equipment and instruments properly; (4) perform preventive and corrective maintenance of equipment and instruments or refer to appropriate sources for repair, and (5) the graduate was clinically well prepared."</p>	<p>Employers of CLT graduates were surveyed 6 months after graduation. Employers responding to the survey, answered "strongly agree" or "agree" as follows to the statement: "Upon graduation, the entry-level CLT, was able to (1) perform accurate laboratory testing (100%); (2) monitor quality control within predetermined limits (100%); (3) operate laboratory equipment and instruments properly (100%); (4) perform preventive and corrective maintenance of equipment and instruments, or refer to appropriate sources for repair (75%), and (5)I was clinically well prepared (100%)."</p>	<p>Criteria not met. Of the employers responding to the survey, 75% answered "strongly agree" or "agree" to the following statement: "Upon graduation, the entry-level CLT, was able to (4) perform preventive and corrective maintenance of equipment and instruments, or refer to appropriate sources for repair. In order to improve this outcome, instruction in the areas of preventive and corrective maintenance will be enhanced in the following clinical laboratory science areas: hematology, clinical chemistry, microbiology, and immunochemistry/ serology."</p>
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<p>Graduates will be academically prepared to apply and seek national certification by examination through a recognized agency.</p>	<p>CLT graduates will be surveyed within 6 months of graduation. It is desired that 90% of graduates responding to the survey will answer "strongly agree" or "agree" to the following statements: "Upon graduation, as an entry level CLT, I was (1) able to comply with established laboratory safety regulations; (2) monitor quality control within predetermined limits; (3) operate laboratory equipment and instruments properly; (4) perform preventive and corrective maintenance of equipment and instruments or refer to appropriate sources for repair, and (5) I was clinically well prepared."</p>	<p>CLT graduates were surveyed within 6 months of graduation. 100% of graduates responding to the survey answered "strongly agree" or "agree" to the following statements: Upon graduation, as an entry-level CLT, I was (1) able to comply with established laboratory safety regulations; (2) able to collect and safely handle biological specimens for analysis; (3) able to relate laboratory findings to common disease processes; (4)able to demonstrate ethical behavior and maintain confidentiality in terms of patient's results; (5) able to interact professionally with patients, laboratory personnel, and other health care professionals and with the public; (6) able to recognize factors that affect procedures and results, and take appropriate actions within predetermined limits when corrections are indicated; (7) able to apply basic scientific principles in learning by learning new techniques and procedures; (8) able to demonstrate commitment to lifelong learning by attending continuing education programs, and (9) able to use computers and laboratory software effectively."</p>	<p>Criteria met. Graduate surveys will continue to be used to assess and enhance academic preparedness of graduates in an effort to prepare them for national certification by examination through a recognized agency.</p>
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<p>Graduates will be academically prepared to apply and seek national certification by examination through a recognized agency.</p>	<p>Employers of CLT graduates will be surveyed within 6 months after graduation. It is desired that 90% of employers responding to the survey will answer "strongly agree" or "agree" to the following statements" "Upon graduation, the entry level CLT, I was able to comply with established laboratory safety regulations; (2) able to collect and safely handle biological specimens for analysis; (3) able to relate laboratory findings to common disease processes; (4) able to demonstrate ethical behavior and maintain confidentiality in terms of patient's results; (5) able to interact professionally with patients, laboratory personnel, and other health care professional and with the public; (6) able to recognize factors that affect procedures and results, and take appropriate actions within predetermined limits when corrections are indicated; (7) able to apply basic scientific principles in learning by learning new techniques and procedures; (8) able to</p>	<p>Employers of CLT graduates were surveyed within 6 months of graduation. Employers responding to the survey answered "strongly agree" or "agree" as follows to the statements: "Upon graduation, the entry-level CLT, was (1) able to comply with established laboratory safety regulations (100%); (2) able to collect and safely handle biological specimens for analysis (100%); (3) able to relate laboratory findings to common disease processes (100%); (4) able to demonstrate ethical behavior and maintain confidentiality in terms of patient's results (100%); (5) able to interact professionally with patients, laboratory personnel, and other health care professionals and with the public (100%); (6) able to recognize factors that affect procedures and results, and take appropriate actions within predetermined limits when corrections are indicated (100%); (7) able to apply basic scientific principles in learning by learning new techniques and procedures (100%); (8) able to demonstrate commitment to lifelong learning by attending continuing</p>	<p>Criteria not met. 50% of employers responding to the survey answered "strongly agree" or "agree" to the statement: "Upon graduation, the entry-level CLT was, (8)able to demonstrate commitment to lifelong learning by attending continuing education programs." In response to this same statement, 100% of graduates responded "strongly agree" or "agree," indicating that some graduates may not be reporting continuing education activities to their employers. Since Louisiana is a licensure state and requires 12 continuing education hours per year in order to maintain licensure, the importance of reporting CE activity to employers, as those activities are completed, will be taught in CLLT 1010: Introduction to Clinical Laboratory Science, as well as emphasized in all clinical classes.</p>
	<p>demonstrate commitment to lifelong learning by attending continuing education programs, and (9) able to use computers and laboratory software effectively."</p>	<p>education programs (50%), and (9)able to use computers and laboratory software effectively (100%)."</p>	