# SELF-STUDY REPORT PAPER REVIEW Clinical Laboratory Scientist/Medical Technologist 2001 Standards

□YES □NO

Name of Program:

City, State:

Program Director:

Sponsoring Institution Program Fact Sheet is complete.

# I. Sponsorship

Academic Affiliates	City/State

COMMENTS:

## CLS/MT Paper Review (2001 Standards)

Clinical Affiliate(s)	Clinical Signed, Facility current Fact affiliation Sheet agreement is is included included			current cap affiliation (ma agreement equ is is			current affiliation agreement is			oital ajor uipr	l ) nent	requ text	st of lity spo uired books iclude		per	cess iodic explai	als		ource	onal es are	Objec & eva utilize by the incluc	luatio ed exc e facil	ons clus		poli stuc	cies dent	rules s gove : behav uded	rning		eature site i and/c	is not J	cluded if CAHO and/or
	Y	Ν		Y		Ν	Y		Ν	Y	Ν	NA	Y	'	Ν	Y		Ν	Y	N	I	NA	Y		Ν	NA		Y	NO	N/A		
								1									7							]								
	$\Box$					$\overline{\Box}$		i	$\overline{\Box}$					1			1			╵┍	1			1	$\overline{\Box}$							
			i i			$\square$		it	Н	H	Η	ΤĦ	╏┝	ī	П		i			┤┢	i	Π		i	Ħ	ΗH						
			1			$\exists$		it	$\exists$	H	Η			<b>i</b>			i t			┼╞	ī			i	H	$\square$						
	┟╞╡		╡┤	⊢⊢	_	╞	╞╞═	$\frac{1}{1}$		╏┝┤	┼╞╡	$+ \dashv$	┥┝	╡┼			╡╴┤		┟╞┽╴	┥╞	╡┤			1	╞	╞╞╡	-					
						<u> </u>		4		닏ᆜ	닏⊢			$ \downarrow \downarrow$					┝┝╧						<u> </u>		_					
								]									]							]								
								]									]							]								
			Ī					1	$\overline{\Box}$					7	$\Box$		1				1			1								
Comments:			_					-									- 1				_ 1			-								

# CLS/MT Paper Review (2001 Standards)

Clinical Affiliate(s)	Clinical Signed, Facility current Fact affiliation Sheet agreement is is included included			FacilitycurrentFactaffiliationSheetagreementisisincludedincluded			Facility Fact Sheet is included		Facility Fact Sheet is included		Facility curre Fact affilia Sheet agree is is included includ			Facility current Fact affiliation Sheet agreemen is is			Facility current Fact affiliation Sheet agreement S is			lity current affiliation et agreement is			FacilitycurrentFactaffiliationSheetagreementisisincludedincluded		FacilitycurrentFactaffiliationSheetagreementisisincludedincluded			FacilitycurrentFactaffiliationSheetagreementisisincludedincluded			Facility current Fact affiliation Sheet agreement is is			Facility current Fact affiliation Sheet agreement is is			Facility curro Fact affili Sheet agre is is included inclu			A lis cap (ma equ is incl	ital jor) ipn	) nent	faci requ text	st of lity spe uired books icluded		perio	ess to odical plaine	s	Instru resou inclu	urce	s are	Objec & eva utilize by the incluc	luation d excl facili	lusiv		Uniqu polici stude are in	ies go ent bel	ver havi	ning	featu site and	e is not /or CAP	afety icluded JCAHO , and/or redited	r
	Y	Ν		Y N		Y N		Y N		Y N		Y		Ν	Y	Ν	NA	Y		N	Y		Ν	Y	Ν		NA	Y	N	1	NA	Y	NO	N//	Α																												
													Γ							1									1																																		
	日			Ħ						H		ΗĦ	Ē	=			F			i				Ŧ †	F		$+ \exists$		i																																		
	╏╞╡	$\square$		╞	$\square$				H	╎╞┤		╞┤	╡┤	=	$\vdash$			╏┝╤┤		1	$\exists$		╎┝	╡┼			$+ \exists$		╡┤																																		
	$  \vdash$			<u>⊢</u>	$\square$							╞┝╤					<u> </u>				<u> </u>		┥┝	+	<u> </u>				╡																																		
																				1				ור					1																																		
									$\square$				Ī							1				Ī	$\overline{\Box}$				1																																		
				Π	H			$\square$		T	ΗĦ						Π			it				ī †		H			Ť																																		
				$\overline{\Box}$	Ħ					H				=						it				ī t		HH			i l																																		
	$\vdash$			$\exists$	H			$\square$	H	$\square$		$\square$		=	$\square$		$\neg$			i			┼┝	Ŧ	$-\square$		┨┝╡		fΗ																																		
Comments:																													<u></u>																																		

## CLS/MT Paper Review (2001 Standards)

Clinical Affiliate(s)	FacilitycFactaSheetaisisincludedin			Facility Fact Sheet is included		Facility Fact Sheet is included		Facility current Fact affiliation Sheet agreement is is			ty current affiliation t agreement is ded included			acility current act affiliation heet agreement is included included			Facility current Fact affiliation Sheet agreement is is			Facility current Fact affiliation Sheet agreement is is included included			Facility current Fact affiliation Sheet agreement is is included included			FacilitycurrentFactaffiliationSheetagreementisisincludedincluded			Facility current Fact affiliation Sheet agreement is is included included			FacilitycurrentFactaffiliationSheetagreementisisincludedincluded			FacilitycurrentFactaffiliationSheetagreementisis			FacilitycurrentFactaffiliationSheetagreementisis			A lis cap (ma equ is incl	ital jor) ipme	ent	requ text	t of ity spe iired books cludec		perio	ss to dicals plaine		Instruc resourd include	es are		Object & evalu utilized by the include	uations I exclus facility	sively	polici stude	ie rules es gove nt beha cluded	erning wior	feat si an	ures te is d/or	at of sat s is incl not JC CAP, a accre	luded if CAHO and/or
	Y	Ν		Y	Ν	Y		Ν	Y	N	NA	Y	N	1	Y	Ν		Y	Ν	NA	Y	Ν	NA	Y		NO	N/A																																			
			1																																																											
	T		i	Ħ	H	┟╞╡		$\exists$	H	H		┟╞┥		5	H		1		H			┼Ħ		╏┝		Ħ																																				
			i	$\exists$	$  \square$			$\exists$	$\exists$			$\square$		╡┼																																																
	H	╞╞═	i l	$\dashv$		┟┝╡						ert	┥╞	╡┼			1				╏┝╤┤	$+ \models$		$+ \models$		<u> </u>	┝╞╡┥																																			
-																																																														
			]																																																											
			1	$\Box$					$\Box$																																																					
			1	$\Box$					$\square$																																																					
			1	$\overline{\Box}$																																																										
Comments:			-																	<u> </u>																																										

#### CLS/MT Paper Report (2001 Standards)

- 1. The sponsoring institution is accredited by recognized regional and/or national agencies. The clinical and/or academic affiliates are accredited by recognized regional and/or national agencies. A clear description of the relationship between affiliates and the sponsoring institution is provided. YES NO NA All provisions of the agreement(s) are active (current) with written documentation of the following items: NA A. General: 1. Reason for agreement YES NO 2. Responsibilities of the academic facility YES NO YES NO 3. Responsibilities of the clinical facility 4. Joint responsibilities YES NO B. Specific: 1. Supervisory responsibilities for the students YES NO 2. Student professional liability coverage IYES [ NO 3. Student health and safety policies YES NO 4. Provision for renewal ]YES ∏NO 5. Termination clause providing for program completion of enrolled students COMMENTS: 2. The education program is established in a: College or university
  - Hospital or medical center
  - Medical laboratory
  - Medical school

Other institution or consortium that meets comparable standards for education in clinical laboratory sciences

### COMMENTS:

3. The sponsoring institution assumes primary responsibility for:

Planning curriculum Selecting course content Coordinating classroom teaching Coordinating applied education Appointing faculty to the program Receiving and processing applications for admission Granting the baccalaureate or higher degree or certificate

<b>YES</b>	□NO
☐YES	□NO

COMMENTS:

3A. The sponsoring institution is responsible for providing assurance that the activities assigned to students in the clinical setting are educational.

COMMENTS:

3B. Documented, ongoing communication between representatives of the sponsoring institution and an affiliate is included.

TYES NO NA

COMMENTS:

### **II. RESOURCES**

4. Number of students admitted per year: Admission date(s): Instructor/student ratio (lecture): Instructor/student ratio (student laboratory): NA Instructor/student ratio (clinical laboratory): NA

#### COMMENTS:

5A1. Program Director Faculty Fact Sheet is complete.

#### COMMENTS:

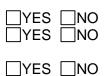
5A2. The Program Director is responsible for program: Organization Administration Periodic review Planning Development Evaluation General effectiveness

The program director has input into budget preparation.

COMMENTS:

5A3. The program director's qualifications are:

> Nationally certified clinical laboratory scientist/ medical technologist Master's or doctoral degree At least three years of experience in clinical laboratory science education



YES NO

YES NO

YES NO IYES [

YES NO

YES NO

IYES [

JNO

**NO** 

# CLS/MT Paper Report (2001 Standards)

Date approved by NAACLS:

	Experiences in clinical laboratory science education include: Teaching courses Conducting and managing learning experiences Evaluating student achievement Providing input into curriculum development Formulating policies and procedures Evaluating program effectiveness	YES       NO         YES       NO
	The program director has knowledge of education methods and administration.	
	The program director has knowledge of current accreditation/certification procedures.	
	COMMENTS:	
5A4.	Documentation that the program director has a faculty appointment at the sponsoring institution or at each affiliated academic institution is included.	
	COMMENTS:	
5B1.	The name(s) comprising the advisory committee are included.	□YES □NO
	The relationship of the advisory committee member(s) to the program is stated.	
	COMMENTS:	
5B2.	A copy of the advisory committee meeting minutes is included indicating that the advisory committee has input into any aspect of the program/curriculum that relates to its current relevancy and effectiveness.	□YES □NO
	COMMENTS:	
6.	Major clinical/didactic faculty for each laboratory discipline are listed.	
6A.	Faculty responsibilities include participation in: Teaching courses Supervising applied laboratory learning experiences Evaluating student achievement Developing curriculum Formulating policy and procedures Evaluating program effectiveness	<ul> <li>YES □NO</li> </ul>

COMMENTS:

6B.	Faculty Fact Sheets for major clinical/didactic faculty are complete.	□YES □NO
	Faculty Fact Sheets document the qualifications to teach at the appropriate level.	
	A description of how faculty are evaluated is included.	
	COMMENTS:	
6C.	There is documentation of ongoing professional development for program faculty to fulfill instructional responsibilities.	
	COMMENTS:	
7.	Financial resources are adequate for the continued operation of the educational program.	□YES □NO
	An institutionally approved budget is submitted, <u><b>OR</b></u> there is a written statement of continued financial support for the educational program from an executive officer of the sponsoring institution.	□YES □NO
	COMMENTS:	
8A.	Descriptions of the following are submitted: Classrooms/lecture areas Administrative offices Clinical facilities Student laboratories	YES    NO     YES    NO     YES    NO    NA     YES    NO    NA     YES    NO    NA     YES    NO    NA
	A description of laboratory safety features is included for:	
	Student laboratories	
	Clinical facilities (Only required if the facility is <u>not</u> accredited by JCAHO and/or CAP, and/or COLA)	
	COMMENTS:	
8B.	Capital (major) equipment and supplies are listed for student instruction.	□YES □NO
	COMMENTS:	
8C.	Information resources contain current editions of books, periodicals and other reference materials related to all content areas of the curriculum.	YES NO

Ш

	Information resources are accessible to students.	
	COMMENTS:	
8D.	Instructional resources include: Clinical materials Reference materials Demonstration materials	□YES □NO □YES □NO □YES □NO
	COMMENTS:	
8E.	A description of students' access to contemporary computer technology is provided.	
	COMMENTS:	
CURF	RICULUM	
9A.	Instruction: Follows a planned curriculum or sequence of courses that documents a structured curriculum Includes applied (clinical/laboratory) education Has clearly written program goals and competencies	□YES □NO □YES □NO □YES □NO
	Title of sample unit:	
	Course syllabi for the sample unit include individual course goals and behavioral objectives.	
	Sample unit includes: Cognitive objectives Psychomotor objectives (laboratory/clinical)	□YES □NO □YES □NO
	Objectives include clinical significance and correlation	□YES □NO
	Program has affective objectives.	□YES □NO

COMMENTS:

9B. Instructional Areas:	YES	NO	Unable to
			determine from the
			self-study. To be
			reviewed by the
			site visit team
The curriculum includes:			
1. Scientific content (either prerequisite or as an integral part of the			
curriculum)			
2. Pre-analytical, analytical, and post-analytical components of			
laboratory services			
3. Principles and practices of quality assurance/quality improvement			
4. Application of safety and governmental regulations and			
standards			
5. Principles of interpersonal and interdisciplinary communication			
and team-building skills			
6. Principles and applications of ethics and professionalism			
7. Education techniques and terminology			
8. Knowledge of research design/practice			
9. Concepts and principles of laboratory operations include:			
a. critical pathways and clinical decision making			
b. performance improvement			
c. dynamics of healthcare delivery systems as they affect			
laboratory service			
d. human resource management			
e. financial management			

#### COMMENTS:

experiences.

9C. Learning Experiences:

Experiences are educational and balanced so that	
entry level competencies can be achieved.	□YES □NO

YES [	
-------	--

Learning experiences include appropriate: Instructional material Classroom presentations Discussions Demonstrations Laboratory sessions Supervised practice and experience

Instruction provides properly sequenced learning

YES NO
 YES NO

YES NO

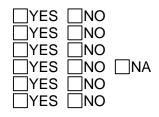
Experiences at different clinical sites are comparable and appropriate to enable all students to achieve entry level competencies.



	Policies and processes by which students perform service work are: Published Distributed to students Distributed to clinical affiliates	□YES □NO □YES □NO □YES □NO □NA
	After demonstrating proficiency, students may be permitted to perform procedures under qualified supervision.	□YES □NO
	Objectives are present for learning experiences outside of normally scheduled hours.	
	Any service work by students in clinical settings outside of academic hours is non-compulsory.	□YES □NO
	COMMENTS:	
9D.	Evaluations:	
	Written criteria for passing, failing and progression in the program are: Documented Given to each student at the time of entry into the program	□YES □NO □YES □NO
Sample uni	t evaluation systems are related to objectives.	YES NO
<u>Free</u>	guency of student evaluation in: Lectures: Student laboratories: Clinical laboratories:	
	COMMENTS:	
IV. STUDE	NTS	
10.	Applicants and/or students are provided with a clear description of the program and its content	YES NO

Current publications include:

- Å. program mission statement
- B. program goals and competencies
- C. course objectives
- D. applied education assignments
- E. admission criteria, both academic and non-academic
- F. a list of course descriptions



11.

12.

13.

14.

<ul> <li>G. names and academic rank or title of program director and faculty</li> <li>H. tuition and fees with refund policy</li> <li>I. causes for dismissal</li> <li>J. rules and regulations, including appeal procedures</li> <li>K. a listing of clinical facilities</li> <li>L. essential functions</li> <li>M. policies and procedures when applied experience cannot be guaranteed</li> </ul>	YESNOYESNOYESNOYESNOYESNOYESNOYESNOYESNO
COMMENTS:	
Admission of students is in accordance with the clearly defined and published practices of the institution.	
Academic standards and essential functions required for admission to the program are: Clearly defined Published Provided to prospective students Evidenced by signature page Made available to the public	YES    NO     YES    NO     YES    NO     YES    NO     YES    NO     YES    NO     YES    NO
COMMENTS:	
Documentation of published rules and regulations governing acceptable personal and academic conduct for all academic and clinical settings is included. COMMENTS:	□YES □NO
Student records are maintained for: Admissions Evaluation Counseling or advising sessions The period of time designated by any federal and state regulations	□YES □NO □YES □NO □YES □NO □YES □NO
Individual grades and credits for courses are recorded and permanently maintained by the sponsoring institution.	
COMMENTS:	
Students are informed of, and have access to, the usual student health care services of the sponsoring institution.	
The health and safety of students, faculty and patients associated with the educational activities are adequately	

	safeguarded.			
	Emergency medical care is available for students while they are in attendance.	□YES □NO		
	COMMENTS:			
15.	Guidance is available: To assist students in understanding and observing program policies and practices For advising on professional and career issues For providing counseling or referral for personal and financial problems that may interfere with progress in the program	□YES □NO □YES □NO		
	Confidentiality and impartiality are maintained in dealing with student problems.	□YES □NO		
	COMMENTS:			
16.	Appeals procedures: Are distributed to students upon entering the program Include provisions for academic types of grievances Include provisions for non-academic types of grievances Include a mechanism for neutral evaluation that ensures due process and fair disposition	YES □NO     YES □NO     YES □NO     YES □NO     YES □NO		
	COMMENTS:			
V. OPERATIONAL POLICIES				
17A.	Programmatic announcements accurately reflect the program offered.	□YES □NO		
	Programmatic announcements include NAACLS' name, address and telephone number.	□YES □NO		
	COMMENTS:			
17B.	Student recruitment and admission policies are non- discriminatory.	□YES □NO		
	COMMENTS:			
17C.	Faculty recruitment and employment practices are non- discriminatory.	□YES □NO		
	COMMENTS:			

## CLS/MT Paper Report (2001 Standards)

the program.

	17D.	Academic credits and costs are accurately stated, published and made known to all applicants.	
		COMMENTS:	
	17E.	Policies and procedures for student withdrawal are published and made known to all applicants.	□YES □NO
		Policies and procedures for refunds of tuition and fees are published and made known to all applicants.	
		COMMENTS:	
	17F.	If more than one level of clinical laboratory science program is offered by the same institution, the sponsoring institution demonstrates that each program is being conducted to assure appropriate instruction for the students at different educational levels.	□YES □NO □NA
		COMMENTS:	
	17G.	The program culminates in a baccalaureate degree or higher, or a certificate.	□YES □NO
		Granting of the degree/certificate <b>IS NOT</b> contingent upon the students passing any type of external certification or licensure examination.	□YES □NO
		COMMENTS:	
	17H.	A policy statement related to student complaints and resolution is included.	□YES □NO
		COMMENTS:	
	17I.	Program evaluation information is available.	
		COMMENTS:	
VI. PR	OGRA		
	18.	The program has a documented, formal evaluation plan for continually and systematically reviewing the effectiveness of	

□YES □NO

E	Evaluation includes feedback from:	Frequency	:
	Students Employers of Graduates Faculty Graduates Exit or Final Exams Advisory Committee Other:		
	COMMENTS:		
19.	Outcomes measures from the last three act considered in the program evaluation.		YES ONONA
	COMMENTS:		
20.	A review of graduation rates is:		NA
	Documented Analyzed Used in the program evaluation		YES □NO YES □NO YES □NO
	A review of employment rates is:		NA
	Documented Analyzed Used in the program evaluation		YES
	COMMENTS:		
21.	The results of program evaluations are:		NA
	Documented Reflected in the ongoing curriculum dev modification Followed by an analysis of the effectiver changes implemented	elopment and program` ` ness of any	YES □NO YES □NO YES □NO
	COMMENTS:		

(Changes Approved: September 2005, July 2005) (Released: October 2005)

# Summary Page

## **Important Notice:**

The paper reviewer does not have the authority to speak on behalf of nor bind NAACLS regarding a program's compliance with the Standards, nor can they predict accreditation actions. These responsibilities rest solely with the NAACLS Board of Directors, which has the exclusive right to determine whether or not accreditation is to be granted or continued.

NOTE: This page is compiled on the basis of information supplied to the paper reviewer by the program director and other officials. NAACLS makes no representation as to its accuracy. The responsibility for accuracy of the information provided to the paper reviewer rests solely with the program director and other officials.

List of **missing information/or documents** (List and detail by the appropriate Standard):

**<u>Concerns</u>** to be addressed by the site visit team: (List and detail by the appropriate Standards number)

Additional comments:

# SIGNATURE PAGE

\*\*\*Please complete and attach as the last page of the Paper Review\*\*\*

Name of Program:	City, State:		
Program Level:	Date:		
Paper Reviewer:			
Name/Title:			
Institution:			
Address:			
City/State/Zip:			
Telephone:			
Email:			
Signature:			