

Clinical Laboratory Technologist License Requirements

State	License Name	License Definition	License Criteria	Educational Requirements	Links/Info
California	Clinical Laboratory Scientist (Generalist)	The CLS generalist license permits a licensee to work in all specialty areas of the clinical laboratory.	<ul style="list-style-type: none"> • Minimum one year of post-baccalaureate clinical training as a Clinical Laboratory Scientist (CLS); or • Minimum one year of work experience as a CLS performing high complexity testing in hematology, chemistry, blood bank, and microbiology. <p>Must pass state examination and a national CLS generalist exam.</p> <p>24 contact hours of continuing education is required every two years.</p>	<ul style="list-style-type: none"> • Bachelor's degree (baccalaureate) with specific course requirements: <ul style="list-style-type: none"> ○ 16 semester or equivalent quarter units of chemistry, which must include clinical chemistry OR analytical and biochemistry. ○ 18 semester or equivalent quarter units of biology, which must include hematology, immunology, and medical microbiology. ○ 3 semester or equivalent quarter units of physics (light and electricity). 	Clinical Laboratory Scientist License Page California Department of Health Services Laboratory Field Services Personnel Licensing Section 850 Marina Bay Pkwy Bldg P, 1 st floor Richmond, CA 94804 Phone: 510-620-3834
Florida	Technologist	<p>Technologists have some degree of independent practice. Their entire scope of practice may be found here.</p> <p>A General Technologist license includes the specialties of microbiology, serology/immunology, clinical chemistry, hematology, and immuno-hematology.</p>	<ul style="list-style-type: none"> • Must meet educational requirements and training requirements (next column); and • All applicants for a Technologist license must satisfy the requirements for High Complexity Testing under CLIA Amendments 	<p>Options for Licensure:</p> <ol style="list-style-type: none"> 1. Bachelor's Degree (or higher) in Clinical Laboratory, Chemical, or Biological Science and NAACLS approved Clinical laboratory training program with one of the following certifications: MLS (ASCP), MT (ASCPi), MT (AMT), MT (AAB), NRCC examinations in single discipline for licensure in that specialty area, or national certifying body categorial examinations in single discipline for licensure in that specialty area; or 	<p>Fla. Admin. Code r. 64B3-2.002</p> <p>Board of Clinical Laboratory Personnel 4052 Bald Cypress Way Tallahassee, FL 32399-3257 Phone: 850/488-0595</p>

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			<ul style="list-style-type: none"> Applicants for technologist licensure in the categories of microbiology, serology/immunology, chemistry, hematology, immunohematology, histocompatibility, blood banking, cytology, cytogenetics, histology, molecular pathology, andrology and embryology shall complete a one-hour educational course acceptable to the Board on human immunodeficiency virus and acquired immune deficiency syndrome or provide an affidavit that the course will be completed within six (6) months of licensure. <p>24 hours of continuing education required every two years.</p>	<ol style="list-style-type: none"> Bachelor's degree (or higher) in Clinical Laboratory, Chemical, Biological Science, or bachelor's degree with 24 semester hours of academic science including 6 semester hours of biological sciences and 6 semester hours of chemical sciences and clinical laboratory training program, or 3 years pertinent clinical laboratory experience with a minimum of 6 months in each specialty for which licensure is sought; <u>or</u> 90 semester hours college credit with 24 semester hours of academic science including 6 semester hours of biological sciences and 6 semester hours of chemical sciences and clinical laboratory training program with one of the following certifications: MLS (ASCP), MT (ASCPi), MT (AMT), or MT (AAB) or specialist examinations in a single discipline for licensure in that specialty area; <u>or</u> Associate Degree in Clinical/Medical Laboratory Technology and clinical laboratory training program with one of the following certifications: MLS (ASCP), MT (ASCPi), MT (AMT), or MT (AAB) examinations, including specialist examinations, in single disciplines for licensure in that specialty area; <u>or</u> Associate Degree including 6 semester hours of academic biological sciences and 6 semester hours of academic 	

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				chemical sciences and MT (AAB) examinations, including specialist examinations, in single disciplines for licensure in that specialty area, and one of the following: (a) completion of a Department of Defense clinical laboratory training program or (b) 5 years of pertinent clinical laboratory experience with one year of experience in each specialty area for which licensure is sought.	
Hawaii	Medical Technologist	N/A	Must meet the educational and training requirements (next column).	<ol style="list-style-type: none"> 1. Bachelor's degree from an accredited college or university in medical technology and completion of training in an accredited program in medical technology and pass a qualifying examination; or 2. Completed 3 academic years of study in an accredited college or university in medical technology and completion of training in an accredited program in medical technology and pass a qualifying examination: or 3. Bachelor's degree from an accredited college or university in one of the chemical, physical, or biological science and 1 year of full-time experience in a laboratory acceptable to the Department including at least 2 months each in clinical chemistry, clinical microbiology, hematology, immunology, immunohematology and pass a qualifying examination; or 	<p>Minimum Standards</p> <p>Haw. Admin. Rules (HAR) § 11-110.1-26</p> <p>Hawaii Department of Health State Laboratory Division 2725 Waimano Home Road Pearl City, HI 96825 Phone: 808/453-6653</p>

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				4. Has successfully completed a minimum of ninety semester hours (or their equivalent) in an accredited college or university and has successfully completed a course of training of at least twelve months in an accredited program of medical technology. The ninety semester hours shall include: Sixteen semester hours in chemistry courses that include at least six semester hours in introductory college chemistry that are acceptable toward a major in chemistry; Sixteen semester hours in biology courses that are pertinent to the clinical laboratory sciences and are acceptable towards a major in the biological sciences; and Three semester hours of college level mathematics.	
Louisiana (1)	Clinical laboratory scientist-generalist (CLS-G)	“An individual who performs clinical laboratory tests and procedures in all specialty areas of a clinical laboratory which require the exercise of independent judgment and responsibility, including, but not limited to, the performance of all laboratory tests as stated in the Clinical Laboratory Improvement Amendments of 1988 and the rules and regulations promulgated pursuant thereto. The clinical	<p>Must complete an approved nationally recognized certification exam from one of the following:</p> <ul style="list-style-type: none"> • American Society of Clinical Pathologists • American Medical Technologists • American Association of Bioanalysts <p>12 contact hours continuing education required annually</p>	N/A	<p>Louisiana State Board of Medical Examiners PO Box 30250 New Orleans, LA 70190-0250 504-524.6763 ext. 261</p> <p>Clinical Laboratory Personnel Rules</p>

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		<p>laboratory scientist-generalist may perform the functions of all categories licensed in this Part with the exception of the cytotechnologist.”</p> <p>LRS Title 37 § 1312(6).</p>			
Louisiana (2)	Clinical laboratory scientist-specialist (CLS-S)	<p>An individual performing clinical laboratory science in one or more laboratory specialties and who performs functions directly related to such particular specialty or specialties as provided for in this Part in rules and regulations adopted by the board as recommended by the committee. The clinical laboratory scientist-specialist may perform the functions of the laboratory assistant and the phlebotomist without additional licensure or certification.</p> <p>LRS Title 37 § 1312(7).</p>	<p>Must complete an approved nationally recognized certification exam from one of the following:</p> <ul style="list-style-type: none"> • American Society of Clinical Pathologists • National Certification Agency • American Society of Microbiology • American Board of Immunology • American Board of Bioanalytics • American Board of Forensic Toxicology <p>12 contact hours continuing education required annually</p>	<ul style="list-style-type: none"> • Must possess a baccalaureate or more advanced degree from an accredited college or university with a major in one of the chemical, physical, or biological sciences. 	<p>Louisiana State Board of Medical Examiners PO Box 30250 New Orleans, LA 70190-0250 504-524.6763 ext. 261</p> <p>Clinical Laboratory Personnel Rules</p>
Montana (1)	Clinical laboratory scientist	<p>"Clinical laboratory scientist" means a person who:</p>	<ul style="list-style-type: none"> • No experience requirement 	<p>Must have graduated from an accredited college or university with a baccalaureate degree with at least 36 semester or 54</p>	<p>Clinical laboratory scientist license information</p>

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		<p>(a) performs clinical laboratory tests pursuant to established and approved protocols requiring the exercise of independent judgment and responsibility.</p> <p>(b) maintains equipment and records.</p> <p>(c) performs quality assurance activities related to test performance; and</p> <p>(d) may supervise and teach within a clinical laboratory setting.</p> <p>Montana Code 37-34-103</p>	<ul style="list-style-type: none"> Must pass a generalist examination offered by a national certifying body for clinical laboratory scientists. <p>14 contact hours continuing education required annually</p>	<p>quarter hours in the physical and biological sciences.</p>	<p>Montana Department of Commerce Board of Clinical Laboratory Science Practitioners 301 South Park Ave. 4th floor P.O. Box 200513 Helena, MT 59620-0513</p> <p>Montana Administrative Code 24-129-603</p>
Montana (2)	<p>Clinical laboratory specialist</p> <p>The following areas of clinical laboratory science are recognized under this license:</p> <ul style="list-style-type: none"> Clinical chemistry Hematology Microbiology Cytology 	<p>Clinical laboratory specialist means a person who:</p> <p>(a) performs laboratory testing in a specialized testing area, such as microbiology, chemistry, immunology, or hematology, according to approved protocols requiring the exercise of independent judgment and responsibility.</p> <p>(b) maintains equipment and records;</p> <p>(c) performs quality assurance activities related to test performance; and</p>	<ul style="list-style-type: none"> No experience requirement Must pass a specialist examination offered by a national certifying body for clinical laboratory specialists. Must meet the educational requirements. <p>14 contact hours continuing education required annually</p>	<p>Must have graduated from an accredited college or university with a baccalaureate degree with at least 36 semester or 54 quarter hours in the physical and biological sciences.</p>	<p>Clinical laboratory specialist license information</p> <p>Montana Department of Commerce Board of Clinical Laboratory Science Practitioners 301 South Park Ave. 4th floor P.O. Box 200513 Helena, MT 59620-0513</p> <p>Montana Administrative Code 24-129-603</p>

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	<ul style="list-style-type: none"> • Immuno-hematology • Cytogenetics • Molecular biology 	<p>(d) may supervise and teach within the specific area of the clinical laboratory.</p> <p>Montana Code 37-34-103</p>			
Nevada	Clinical laboratory technologist	<p>1. A clinical laboratory technologist may:</p> <p>(a) Perform tests which require the exercise of independent judgment, under minimum supervision or review by the director or general supervisor, in those specialties for which the technologist has had adequate education, training and experience and in which he or she has demonstrated a proficiency; and</p> <p>(b) Supervise, if necessary, the work of the medical technicians and laboratory assistants.</p>	<p>Applicants must do one of the following:</p> <ul style="list-style-type: none"> • Meet one of the educational requirements (next column); or • Pass the examination for clinical laboratory technologists given by HHS. <p>Licenseses must complete 20 hours of continuing education within the 2 years immediately preceding the application for renewal of the license or certificate. At least half of the total units of continuing education required must be from approved courses.</p>	<p>Education Requirements:</p> <ul style="list-style-type: none"> • Successfully complete a full course of study which meets all academic requirements for a bachelor's degree in medical technology from an accredited college or university, and pass a national examination for certification approved by the Board; or • Successfully complete a course of study for a bachelor's degree in one of the chemical, physical or biological sciences at an accredited college or university, have at least 1 year of additional full-time experience or training in a licensed laboratory, or laboratory of a hospital, health department or university in the specialty or subspecialty in which the person performs tests, and pass a national examination for certification approved by the Board. 	<p>Nevada Bureau of Licensure and Certification 1551 College Parkway #158 Carson City, NV 89710</p> <p>Phone: 702/687-4475</p> <p>NAC 652.420</p>
New York	Clinical Laboratory Technologist	"Clinical laboratory technologist" means a clinical laboratory practitioner who, pursuant to established and approved protocols of the	<ul style="list-style-type: none"> • Be at least 18 years old • Be of good moral character 	<p>Education:</p> <ul style="list-style-type: none"> • Bachelor's degree in clinical laboratory technology from a program registered with DOE or determined to be the substantial equivalent; or 	<p>NYSED Office of the Professions Clinical Laboratory Technology</p>

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		<p>department of health, performs clinical laboratory procedures and examinations and any other tests or procedures conducted by a clinical laboratory, including maintaining equipment and records, and performing quality assurance activities related to examination performance, and which require the exercise of independent judgment and responsibility, as determined by the department.</p> <p>Education Law § 8601</p>	<ul style="list-style-type: none"> • Meet the education requirements or the alternatives • Pass the ASCP (MLS) examination 	<ul style="list-style-type: none"> • Bachelor's degree in a clinical laboratory technology program accredited by a national accrediting organization acceptable to DOE; or • Bachelor's degree with a minimum number of credit hours in the sciences and received appropriate clinical education in accredited clinical laboratory technology or a program determined by DOE to be the substantial equivalent; or • A bachelor's degree in natural science or clinical laboratory science with coursework acceptable to DOE and: <ul style="list-style-type: none"> ○ 2 years' experience in a clinical laboratory while licensed in NY or an acceptable jurisdiction; or ○ 2 years' experience in a clinical laboratory while certified as a clinical laboratory technician in New York or another jurisdiction acceptable to DOE <p>Alternatives to education:</p> <ul style="list-style-type: none"> • Current clinical laboratory technology certification by a national certification organization; or • Clinical laboratory technology licensure in a jurisdiction acceptable to DOE. 	

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North Dakota	Medical Technologist (MT)/Clinical Laboratory Scientist (CLS)		<p>Must pass a national certifying examination and meet the educational requirements.</p> <p>30 contact hours of continuing education required in the first two years; 24 contact hours are required every two years after.</p>	<ul style="list-style-type: none"> Bachelor's degree in a science-related discipline and completed the academic requirements of a structured clinical educational program recognized by the board. 	<p>Approved exams</p> <p>North Dakota Clinical Laboratory Practice Regulations</p> <p>North Dakota Board of Clinical Laboratory Practice</p> <p>Phone: 701-530-0199</p>
Puerto Rico	Medical Technologists	<p>Authorized to practice medical technology, which is the "science or profession that determines through clinical analysis the chemical, physical, metabolic and immunological changes that occur in the human organism as well as the practice of obtaining, processing and preserving blood and its components to be used when needed." (Translated from Spanish)</p>	<ul style="list-style-type: none"> Must pass a national medical technologist exam; and Complete one year of public service (exemptions apply); and Meet the educational requirements. <p>Continuing education is required every three years. Licensees must complete 3.6 Continuing Education Units (UEC), which are awarded based on the complexity of the training.</p>	<ol style="list-style-type: none"> A Bachelor's degree in Medical Technology from a higher education institution whose Medical Technology study program is accredited by the Puerto Rico Council on Higher Education; or A Bachelor of Arts or Science degree from a higher education institution duly accredited by the Council on Higher Education of Puerto Rico and a certificate accrediting having passed a Medical Technology course of at least one (1) year duration of a program equally accredited by the corresponding authority; or A Bachelor's degree in Medical Technology from a foreign university whose study program is equivalent to that offered in higher education institutions in Puerto Rico, as evidenced by the certification that the Board must issue to that effect; or 	<p>20 L.P.R.A. § 281i</p> <p>PRS ADC SALUD Reg. 4921</p> <p>Medical Technologist License</p> <p>Puerto Rico Medical Technology Board of Medical Examiners Call Box 10200 Santurce, PR 00908 Phone: 809/792-6400</p>

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				4. A Bachelor of Science or Arts degree from a university whose study program is equivalent to that offered in higher education institutions in Puerto Rico and a certificate accrediting having passed a Medical Technology course of at least one (1) year of duration in an institution certified by the corresponding authority, as evidenced by the certification that the Board must issue for this purpose.	
Tennessee	Medical Laboratory Technologist	<p>“Medical laboratory technologist” means a person who performs tests that require the exercise of independent judgment and responsibility with minimal supervision by the director or supervisor, in only those specialties or subspecialties in which the technologist is qualified by education, training, and experience.</p> <p>TN Code § 68-29-103</p>	<ul style="list-style-type: none"> • Possess national certification by exam at the technologist level • Meet one of the educational requirements (next column) <p>No continuing education requirements.</p>	<p>Must meet one of the following:</p> <ul style="list-style-type: none"> • A baccalaureate degree in medical technology or in one of the biological, chemical or physical sciences, and with the completion of a medical laboratory technologist training program • A baccalaureate degree, MLT/CLT certification, three (3) years of full-time clinical laboratory work experience and completion of science coursework equivalent to that required in a laboratory science education program • A baccalaureate degree, completion of the fifty (50) week military laboratory training program, three (3) years of full-time clinical laboratory work experience and completion of science coursework equivalent to that required in a laboratory science education program • A baccalaureate degree, five (5) years of full-time clinical laboratory work experience and completion of science 	<p>Medical Laboratory Board Application Guidelines</p> <p>Board Rules</p> <p>Administrator Tennessee Medical Laboratory Board Personnel 1st Floor Cordell Hull Building 425 5th Avenue North Nashville, TN 37247-1010</p> <p>Office Phone: 615-532-5128</p>

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				<p>coursework equivalent to that required in a laboratory science education program</p> <ul style="list-style-type: none"> • Those who obtained the license before September 1, 1997, they must have: <ul style="list-style-type: none"> ○ Received a passing grade on a Health and Human Services proficiency examination in clinical laboratory science and completion of five (5) years of full-time clinical laboratory work experience; or ○ Performed 90 semester hours including science coursework equivalent to that required in a laboratory science education program and with the completion of a medical laboratory technologist training program that was approved at the time of graduation by National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) or a national accrediting agency acceptable to the Board. 	
West Virginia	Medical Laboratory Scientist	A person who performs a broad range of laboratory tests in a clinical laboratory, requiring broad exercise of judgment and responsibility with little to no direct technical supervision.	Must meet the educational and experience requirements.	<ol style="list-style-type: none"> 1. Bachelor's degree in medical technology or medical laboratory science from a NAACLS accredited program and passed a national certification exam; or 2. Was previously certified as a medical laboratory technician and obtained a bachelor's degree from an accredited institution and passed a national certification exam; or; 	<p>Clinical Laboratory Practitioners Licensure</p> <p>Legislative Rule regarding Clinical Laboratory Licensure</p>

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				3. Bachelor's degree in chemical, physical, or biological science, has a year of full-time experience and/or training, designed to provide the applicant with the skills required by CLIA.	

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California	Medical Laboratory Technician	Perform waived or of moderate complexity under CLIA, report the test results, and perform phlebotomy.	<ul style="list-style-type: none"> • Minimum 6-month clinical training program; or • NAACLS accredited training program or • Minimum 3 years of job-experience within the previous 5 years in a clinical laboratory as an MLT or CLS outside CA, CA POL, or Fed govt lab. Work must include at least 480 hours in each of these specialties: hematology, chemistry, microbiology, and immunology. <p>Must pass state examination and a national medical laboratory technician exam.</p> <p>24 contact hours of CE is required every two years.</p>	Associate deg or 60 semester or equivalent quarter units in chemical, physical, biological, or clinical laboratory science with specific course requirements: <ul style="list-style-type: none"> ○ 36 semester or equivalent quarter units in physical or biological sciences ○ 6 semester or equivalent quarter units in chemistry ○ 6 semester or equivalent quarter units in biology 	Medical Laboratory Technician California Department of Health Services Laboratory Field Services Personnel Licensing Section
Florida	Technician	Specified in Fla. Admin. Code r. 64B3-13.004.	<ul style="list-style-type: none"> • Must meet educational requirements and training requirements (next column); and • All applicants for a Technician license must satisfy the requirements for Moderate Complexity Testing under CLIA Amendments (MLT (ASCP), MLT (ASCPi), MLT (AMT), MLT (AAB)). <p>24 hours of CE every two years.</p>	1. Bachelor’s degree and 3 years of pertinent clinical laboratory experience within the 10 years preceding application for licensure; or 2. Associate degree and years of pertinent clinical laboratory experience within the 10 years preceding application for licensure; or 3. Education as required by the certifying body and one of the following: (a) an approved clinical/medical laboratory training program or (b) 5 years of pertinent clinical laboratory experience within the 10 years preceding application for licensure.	Fla. Admin. Code r. 64B3-5.004 Fla. Admin. Code r. 64B3-13.004 Board of Clinical Laboratory Personnel 4052 Bald Cypress Way Tallahassee, FL 32399-3257 Phone: 850/488-0595
Hawaii	Medical Laboratory Technician	N/A	Must receive certification as a medical laboratory technician from certifying agencies approved by	1. Associate degree from an accredited program for medical laboratory technicians; or	Haw. Admin. Rules (HAR) § 11-110.1-31

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			<p>the Department of Health, and must meet the educational requirements in the next column.</p> <p>No continuing education required</p>	<p>2. Completed at least 60 semester hrs. (or the equivalent) including courses in chemistry and biology from an accredited college or university and has either of the following: (a) Completed an accredited program for medical laboratory technicians or (b) Completed an advanced military medical laboratory technician course in the United States Armed Forces of at least 50 weeks duration and held the military enlisted occupational specialty of Medical Laboratory Specialist (laboratory technician) within 5 years immediately prior to date of application for licensure; <u>or</u></p> <p>3. Completed at least 60 semester hours (or their equivalent) including courses in chemistry and biology from an accredited college or university and is certified as a medical technologist or a medical laboratory technician after passing a written examination by a foreign certifying agency of clinical laboratory personnel.</p>	<p>Hawaii Department of Health State Laboratory Division 2725 Waimano Home Road Pearl City, HI 96825 Phone: 808/453-6653</p>
Louisiana	Clinical laboratory scientist-technician (CLS-T)	<p>High & mod complexity tests that do not require indep. judgment within any area of clinical lab science. Must perform high complexity tests under supervision as defined in CLIA law and regulations. May perform the functions of the lab assistant or phlebotomist.</p> <p>LRS Title 37 § 1312(8)</p>	<p>Must complete an approved nationally recognized certification exam from one of the following:</p> <ul style="list-style-type: none"> • American Society of Clinical Pathologists • American Medical Technologists • American Association of Bioanalysts <p>12 contact hours continuing education required annually</p>	N/A	<p>Louisiana State Board of Medical Examiners PO Box 30250 New Orleans, LA 70190-0250 504-524.6763 ext. 2613</p> <p>Clinical Laboratory Personnel Rules</p>
Montana	Clinical Laboratory Technician	Performs laboratory tests pursuant to established and	<ul style="list-style-type: none"> • No experience is required. 	Must have graduated with an associate degree or possess 60 semester or 90 quarter hours in a science-related	Clinical Laboratory Technician

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		<p>approved protocols that require limited exercise of independent judgment and that are performed under the supervision of a clinical laboratory scientist, laboratory supervisor, or laboratory director.</p> <p>Montana Code 37-34-103</p>	<ul style="list-style-type: none"> Examinations administered by these national examination certification agencies are accepted. <p>14 hours of continuing education annually.</p>	<p>discipline or completed a military medical laboratory training program of at least 12 months in duration.</p>	<p>License Information</p> <p>Montana Dept of Commerce Board of Clin Lab Science Practitioners</p> <p>Montana Administrative Code 24-129-603</p>
Nevada	Medical Technician	<p>1. (a) Waived, (b) moderate or high (d)complexity tests if</p> <p>(1) The test results are read directly from an instrument; and</p> <p>(2) The test requires no interpretation and no intervention by the operator of the test during its analytic phase.</p>	<p>Applicants must do one of the following:</p> <ul style="list-style-type: none"> Meet one of the educational requirements (next column); or Pass the examination for medical technician given by HHS. <p>Licensees must complete 20 hours of continuing education within the 2 years immediately preceding the application for renewal of the license or certificate. At least half of the total units of continuing education required must be from approved courses</p>	<p>Educational Requirements:</p> <ul style="list-style-type: none"> associate degree from an accredited institution as a medical technician or have successfully completed a program based on a course of study that includes chemistry, biology and a structural curriculum in techniques used in a laboratory; or Have successfully completed 60 semester hours of academic credit, including chemistry, biology and a structured curriculum in techniques used in a laboratory, at an accredited institution: or Be a high school graduate or the equivalent, have completed at least 1 year in a program for training technicians approved by the Board and have 3 years of experience in a 	<p>Nevada Bureau of Licensure and Certification 1551 College Parkway #158 Carson City, NV 89710</p> <p>Phone: 702/687-4475</p> <p>NAC 652.440</p>

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				<p>laboratory within the preceding 5 years; or</p> <ul style="list-style-type: none"> • Be a high school graduate or the equivalent, have successfully completed an official 50-week course in procedures for a military laboratory and have been a medical laboratory specialist or laboratory technician in the military. 	
New York	Clinical Laboratory Technician	<p>"Clinical laboratory technician" means a clinical laboratory practitioner who performs clinical laboratory procedures and examinations pursuant to established and approved protocols of the department of health, which require limited exercise of independent judgment, and which are performed under the supervision of a clinical laboratory technologist, laboratory supervisor, or director of a clinical laboratory.</p> <p>Education Law § 8601</p>	<ul style="list-style-type: none"> • Be at least 18 years old • Be of good moral character • Meet the education requirements or the alternatives • Pass the ASCP (MLT) examination 	<p>Education:</p> <ul style="list-style-type: none"> • Associates degree in clinical laboratory technician from a program registered with DOE or determined to be the substantial equivalent; or • Associates degree clinical laboratory technician program accredited by a national accrediting program acceptable to the department; or • Associates degree in natural science or clinical laboratory science with coursework acceptable to DOE and a clinical laboratory technician program accredited by a national accrediting organization acceptable to the department. <p>Alternatives to education:</p> <ul style="list-style-type: none"> • Current clinical laboratory technician certification by a national certification organization; or 	<p>NYSED Office of the Professions Clinical Laboratory Technology</p>

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				<ul style="list-style-type: none"> Clinical laboratory technician licensure in a jurisdiction acceptable to DOE. 	
North Dakota	Clinical laboratory technician or medical laboratory technician	N/A	<p>Must pass a national certifying examination and meet the educational requirements.</p> <p>30 contact hours of continuing education required in the first two years; 24 contact hours are required every two years after.</p>	The educational requirements are not publicly written or available; however, it appears that an associate's degree program in medical laboratory technology is required.	<p>Approved exams</p> <p>ND Clin Lab Practice Regs</p> <p>ND Bd of Clin Lab Practice</p> <p>Phone: 701-530-0199</p>
Puerto Rico	N/A	N/A	N/A	N/A	N/A
Tennessee	Medical Laboratory Technician	<p>Works under the supervision of a medical laboratory director, supervisor, or technologist and performs medical laboratory procedures in which the technician is qualified by education, training, and experience.</p> <p>Laboratory Board Rule 1200-06-01-.01</p>	<ul style="list-style-type: none"> Possess national certification by exam at the technologist level Meet one of the educational requirements (next column) <p>No continuing education requirements.</p>	<p>Must meet one of the following:</p> <ul style="list-style-type: none"> A medical laboratory technician associate degree program; or An associate degree in a laboratory science and successful completion of military medical laboratory course of at least 50 weeks and have held the military enlisted occupational specialty of Medical Laboratory Specialist (Medical Laboratory Technician); or An associate degree in a laboratory science that meets specific science requirements (six (6) semester hours of chemistry and six (6) semester hours of biology) for entrance into a medical 	<p>Medical Laboratory Board Application Guidelines</p> <p>Board Rules</p> <p>Administrator Tennessee Medical Laboratory Board Personnel</p> <p>Office Phone: 615-532-5128</p>

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				laboratory technician training program and three (3) years of full-time clinical laboratory work experience.	
West Virginia	Medical Laboratory Technician	Tasks require limited exercise of independent judgment and are performed under the supervision of a clinical laboratory director or supervisor.	Must meet the educational and experience requirements.	<ol style="list-style-type: none"> 1. Associate degree in medical technology or medical laboratory science from a NAACLS accredited program and passed a national certification exam; or 2. Associate degree in chemical, physical, or biological science, has a year of full-time experience and/or training, designed to provide the applicant with the skills required by CLIA; or 3. Has successfully completed 60 semester hours of academic credit at an accredited institution, including, at a minimum, either (a) 24 semester hours of medical laboratory technology/science courses or (b) 6 semester hours of chemistry, 6 semester hours of biology, and 12 semester hours of chemistry, biology, or medical laboratory technology/science. Additionally, the applicant needs one year of full-time experience and/or training, designed to provide the applicant with the skills required by CLIA. 	<p>Clinical Laboratory Practitioners Licensure</p> <p>Legislative Rule regarding Clinical Laboratory Licensure</p>

Cytotechnologist License Requirements

State	License Name	License Definition	License Criteria	Educational Requirements	Links/Info
California	Cytotechnologist	Licensee may perform examination on cytology specimens.	<ul style="list-style-type: none"> • 12-month cytotechnologist program accredited by CAAHEP or equivalent; or • Five years of full-time clinical laboratory experience in cytology. <ul style="list-style-type: none"> ○ Experience must be within the last ten years. ○ At least two years must be obtained after completion of the academic requirements. ○ At least two years must be under the supervision of a licensed physician who is a board-eligible pathologist. <p>The American Society of Clinical Pathology (ASCP) certification for cytotechnologist is approved by the Department for cytotechnologist licensure.</p> <p>24 contact hours of continuing education is required every two years.</p>	<ul style="list-style-type: none"> • Bachelor's degree (baccalaureate) with specific course requirements: <ul style="list-style-type: none"> ○ 20 semester or equivalent quarter units of biological science. ○ 8 semester or equivalent quarter units of chemistry. ○ 3 semester or equivalent quarter units of mathematics. 	<p>Cytotechnologist License</p> <p>California Department of Health Services Laboratory Field Services Personnel Licensing Section 850 Marina Bay Pkwy Bldg P, 1st floor Richmond, CA 94804 Phone: 510-620-3834</p>
Florida	Technologist — Cytology	Technologists may specialize in cytology.	<ul style="list-style-type: none"> • In addition to the technologist requirements detailed above, cytology technologists must receive CT ASCP certification. <p>24 hours of continuing education required every two years.</p>	Education requirements as required to receive a CT ASCP certification.	<p>Fla. Admin. Code r. 64B3-2.002</p> <p>Board of Clinical Laboratory Personnel 4052 Bald Cypress Way Tallahassee, FL 32399-3257 Phone: 850/488-0595</p>

Cytotechnologist License Requirements

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Hawaii	Cytotechnologist	N/A	<p>Must receive certification as a cytotechnologist from certifying agencies approved by the Department of Health, and must meet the educational requirements in the next column.</p> <p>No continuing education required</p>	<ol style="list-style-type: none"> 1. Holds a bachelor's degree in cytotechnology from an accredited college or university; or 2. Holds a bachelor's degree in a chemical, physical, or biological science and has successfully completed an accredited program in cytotechnology; or 3. Before September 1, 1992, has successfully completed at least sixty semester hours (or their equivalent) in an accredited college or university with at least twelve semester hours in science, eight of which are in biology; and: (A) Completed twelve months of training in an accredited program of cytotechnology; or (B) Completed six months of formal training in an accredited program of cytotechnology and six months of full-time experience in a clinical laboratory under the direct supervision of a pathologist who is certified in anatomic pathology by the American Board of Pathology or the American Osteopathic Board of Pathology; or 4. Before September 1, 1994, has full-time experience of at least two years within the preceding 	<p>Haw. Admin. Rules (HAR) § 11-110.1-28</p> <p>Hawaii Department of Health State Laboratory Division 2725 Waimano Home Road Pearl City, HI 96825 Phone: 808/453-6653</p>

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				five years examining slide preparations under the supervision of a pathologist who is certified in anatomic pathology by the American Board of Pathology of the American Osteopathic Board of Pathology or other physician certified as a specialist in cytology, and before January 1, 1969, must have (A) Graduated from high school; and (B) Completed six months of training in cytotechnology in a laboratory that is acceptable to the department and was directed by a pathologist or other physician certified as a specialist in cytology (see 42 C.F.R. part 493 subpart M).	
Louisiana	Cytotechnologist	An individual responsible for examining cytopathological preparations which require the exercise of independent judgment and responsibility. LRS Title 37 § 1312(10)	Must complete an approved nationally recognized certification exam from one of the following: <ul style="list-style-type: none"> American Society of Clinical Pathologists Internationally Academy of Cytology 12 contact hours continuing education required annually	<ul style="list-style-type: none"> Possess a baccalaureate degree from an accredited college or university, fulfill the educational requirements necessary to enroll in a school of cytotechnology, complete one full year of full-time cytotechnology experience or its equivalent in an approved school of cytotechnology. 	Louisiana State Board of Medical Examiners PO Box 30250 New Orleans, LA 70190-0250 504-524.6763 ext. 261
Montana	There is no specific cytotechnologist license in Montana. Anyone who is licensed to be a clinical laboratory scientist, clinical laboratory specialist, or a clinical laboratory technician may practice cytotechnology as they are licensed to perform “clinical laboratory tests,” which include				

Cytotechnologist License Requirements

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		cytological or cytogenetical tests. See Montana Code 37-34-103 . This was verified with the Montana Board of Clinical Laboratory Science Practitioners.			
Nevada	Cytotechnologist	N/A	<p>Applicants must do one of the following:</p> <ul style="list-style-type: none"> • Meet one of the educational requirements (next column); or • Pass the examination for cytotechnologists given by HHS. <p>Licenseses must complete 20 hours of continuing education within the 2 years immediately preceding the application for renewal of the license or certificate. At least half of the total units of continuing education required must be from approved courses.</p>	<p>Educational Requirements:</p> <ul style="list-style-type: none"> • Successfully complete 2 years in an accredited college or university with at least 12 semester hours in science, of which 8 hours are in biology, and at least 12 months of training in an accredited school of cytotechnology, and pass a national examination for certification approved by the Board: or • Successfully complete 6 months of formal training in an accredited school of cytotechnology and 6 months of full-time, supervised experience in cytotechnology in a laboratory whose director is a pathologist and pass a national examination for certification approved by the Board. 	<p>Nevada Bureau of Licensure and Certification 1551 College Parkway #158 Carson City, NV 89710</p> <p>Phone: 702/687-4475</p> <p>NAC 652.425</p>
New York	Cytotechnologist	“Cytotechnologist” means a clinical laboratory practitioner who, pursuant to established and approved protocols of the department of health, performs cytological procedures and examinations and any other such tests including maintaining equipment and records and	<ul style="list-style-type: none"> • Be at least 18 years old • Be of good moral character • Meet the education requirements or the alternatives • Pass the ASCP (CT) examination 	<p>Education:</p> <ul style="list-style-type: none"> • Bachelor’s degree in cytotechnology from a program registered with DOE or determined to be the substantial equivalent; or • Bachelor’s degree with a minimum number of credit hours in the sciences and received appropriate clinical education in accredited cytotechnology or a program 	<p>NYSED Office of the Professions Clinical Laboratory Technology</p>

Cytotechnologist License Requirements

State	License Name	License Definition	License Criteria	Educational Requirements	Links/Info
		performing quality assurance activities related to examination performance, and which require the exercise of independent judgment and responsibility, as determined by the department. Education Law § 8601		determined by DOE to be the substantial equivalent. Alternatives to education: <ul style="list-style-type: none"> • Current cytotechnology certification by a national certification organization; or • Cytotechnology licensure in a jurisdiction acceptable to DOE. 	
North Dakota	N/A	N/A	N/A	N/A	N/A
Puerto Rico	N/A	N/A	N/A	N/A	N/A
Tennessee	Cytotechnologist	Cytotechnologist. A person who processes and interprets cellular material delineating data regarding cytopathological disease with minimal supervision by the director or supervisor. Tennessee Medical Laboratory Board Rule 1200-06-01-.01	<ul style="list-style-type: none"> • National certification in cytotechnology by a certifying agency approved by HHS. • Meet one of the educational requirements (next column) <p>No continuing education requirements.</p>	<ul style="list-style-type: none"> • Graduated from a school of cytotechnology with a baccalaureate degree accredited by the Committee on Accreditation of Allied Health Education Programs (CAAHEP), the Committee on Allied Health Education and Accreditation (CAHEA) or other accrediting agencies acceptable to the Board. 	Medical Laboratory Board Application Guidelines Board Rules Tennessee Medical Laboratory Board Personnel Office Phone: 615-532-5128
West Virginia	Cytotechnologist	A laboratory technologist whose job includes specimen processing, test performance, and reporting of cytological examinations supervised	Must meet the educational and experience requirements.	1. Has graduated from a school of cytotechnology accredited by the Committee on Accreditation of Allied Health Education Programs; or	Clinical Laboratory Practitioners Licensure Legislative Rule regarding Clinical Laboratory Licensure

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State	License Name	License Definition	License Criteria	Educational Requirements	Links/Info
		by a pathologist or a specialized physician.		<p>2. Has certification in cytotechnology by a certifying agency approved by U.S. HHS.</p> <p>Has successfully completed 60 semester hours of academic credit at an accredited institution, including, at a minimum, either (a) 24 semester hours of medical laboratory technology/science courses or (b) 6 semester hours of chemistry, 6 semester hours of biology, and 12 semester hours of chemistry, biology, or medical laboratory technology/science. Additionally, the applicant needs one year of full-time experience and/or training, designed to provide the applicant with the skills required by CLIA.</p>	

Histotechnician License Requirements

State	License Name	License Definition	License Criteria	Educational Requirements	Links/Info
California	N/A	N/A	N/A	N/A	N/A
Florida	Technicians — Histology	Technicians may specialize in histology	In addition to the technician requirements detailed above, cytology technologists must receive HT ASCP certification. 24 hours of continuing education required every two years.	Must meet the educational requirements needed to receive the HT ASCP certification.	Fla. Admin. Code r. 64B3-5.004 Board of Clinical Laboratory Personnel 4052 Bald Cypress Way Tallahassee, FL 32399-3257 Phone: 850/488-0595
Hawaii	Any licensed medical laboratory technologist, clinical laboratory specialist, or clinical laboratory technician may practice histology. There is no specific histotechnician license.				
Louisiana	N/A	N/A	N/A	N/A	N/A
Montana	There is no specific histotechnician license in Montana. Anyone who is licensed to be a clinical laboratory scientist, clinical laboratory specialist, or a clinical laboratory technician may practice histotechnology as they are licensed to perform “clinical laboratory tests,” which include “(a) a microbiological, serological, chemical, hematological, radiobioassay, cytological, biophysical, immunological, cytogenetical, or other examination that is performed on material derived from the human body; or (b) any other test or procedure conducted by a laboratory or facility that provides information for the assessment of a medical condition or for the diagnosis, prevention, or treatment of a disease.” See Montana Code 37-34-103 . This was verified with the Montana Board of Clinical Laboratory Science Practitioners.				
Nevada	Histologic technician	A histologic technician may only perform histologic procedures under the supervision of a histotechnologist or the director and may only perform cytologic procedures under the direction of a cytotechnologist, a histotechnologist or the director.	Applicants must do one of the following: <ul style="list-style-type: none"> Meet one of the educational requirements (next column). Licensees must complete 20 hours of continuing education within the 2 years immediately preceding the application for renewal of the license or certificate. At least half of the total units	Educational Requirements: <ul style="list-style-type: none"> Successfully complete a program in histotechnology certified by the Commission on Accreditation of Allied Health Education Programs; or Have an associate degree in chemistry, biology or a physical science or successfully complete at least 60 semester hours or the equivalent of academic credit from an accredited college or university with at least 12 semester hours in science, of which 6 	Nevada Bureau of Licensure and Certification 1551 College Parkway #158 Carson City, NV 89710 Phone: 702/687-4475 NAC 652.437

Histotechnician License Requirements

State	License Name	License Definition	License Criteria	Educational Requirements	Links/Info
			of continuing education required must be from approved courses.	<p>hours are in chemistry and 6 hours are in biology, and have 1 year of full-time experience in histotechnology in a histology laboratory under the supervision of a pathologist certified in anatomic pathology by the American Board of Pathology Incorporated or a pathologist eligible for certification in anatomic pathology; or</p> <ul style="list-style-type: none"> • Be a high school graduate or the equivalent and have 2 years of full-time experience in histotechnology, within the preceding 5 years, in a histology laboratory under the supervision of a pathologist certified in anatomic pathology by the American Board of Pathology Incorporated or a pathologist eligible for certification in anatomic pathology. 	
New York	Histotechnician	“Histotechnician” means a clinical laboratory practitioner who pursuant to established and approved protocols of the department of health performs slide based histological assays, tests, and procedures and any other such tests conducted by a clinical histology laboratory, including maintaining equipment and records and performing quality assurance activities	<ul style="list-style-type: none"> • Be at least 18 years old • Be of good moral character • Meet the education requirements or the alternatives • Pass either the ASCP (HT) or ASCP (HTL) (with a converted score of at least 75) examination 	<p>Education:</p> <ul style="list-style-type: none"> • Associate degree from an approved histotechnician program registered with DOE or determined to be the substantial equivalent; or • Associate degree with a minimum number of credit hours in the sciences and received appropriate clinical education in accredited histotechnician program or a program determined by DOE to be the substantial equivalent. 	NYSED Office of the Professions Clinical Laboratory Technology

Histotechnician License Requirements

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		<p>relating to procedure performance on histological testing of human tissues and which requires limited exercise of independent judgment and is performed under the supervision of a laboratory supervisor, designated by the director of a clinical laboratory or under the supervision of the director of the clinical laboratory.</p> <p>Education Law § 8601</p>		<p>Alternatives to education:</p> <ul style="list-style-type: none"> • Current histotechnician certification by a national certification organization; or • Histotechnician licensure in a jurisdiction acceptable to DOE. 	
North Dakota	N/A	N/A	N/A	N/A	N/A
Puerto Rico	Histologic technicians or histotechnician	The entire scope of the histologic technician license is set forth in 20 L.P.R.A. § 321 .	<ul style="list-style-type: none"> • Must be at least 18 years old; and • Be a person of good reputation, with a negative criminal record certificate issued by the Puerto Rico Police and by the competent authorities in the jurisdictions where the applicant has resided; and • Meet the education requirements. <p>Continuing education is required every three years.</p>	Histotechnicians must receive an associate's degree from a higher education institution accredited by the Puerto Rico Higher Education Council or from a foreign university whose study program is equivalent in Puerto Rico and complete one (1) year of training in a Histopathology laboratory accredited by the Department of Health and under the direct supervision of a Histotechnologist and a Pathologist.	<p>Histotechnician License</p> <p>20 L.P.R.A. § 330</p> <p>PR Regs. HEALTH Reg. 6998</p> <p>Puerto Rico Medical Technology Board of Medical Examiners Call Box 10200 Santurce, PR 00908 Phone: 809/792-6400</p>

Histotechnician License Requirements

State	License Name	License Definition	License Criteria	Educational Requirements	Links/Info
			Licensees must complete 30 Continuing Education Units (UEC), which are awarded based on the complexity of the training.		
Tennessee	N/A	N/A	N/A	N/A	N/A
West Virginia	Histologist	A laboratory technician or technologist with the skills to perform high complexity pathology specimen grossing, inking, and mapping, and associated special staining procedures or tissue analysis under the direct supervision of a pathologist or pathologist assistant.	Must meet the requirements High Complexity Testing under CLIA § 493.1489 plus one of the educational and experience requirements.	<ol style="list-style-type: none"> 1. Has passed a national histotechnologist or histotechnician certification examination; or 2. Has one year of pertinent full-time experience or training in the gross examination of human tissue specimens performed under the supervision of a pathologist. 	Clinical Laboratory Practitioners Licensure Legislative Rule regarding Clinical Laboratory Licensure