

Clinical Laboratory Personnel
How to Qualify for Licensure

64B3-5.002 Supervisor (<https://www.flrules.org/gateway/ruleNo.asp?id=64B3-5.002>): General Qualifications

In order to be licensed as a supervisor, an applicant shall be licensed or meet the requirements for licensure as a technologist.

Specialty	Option	Education	Training/Experience	Examination	
<ul style="list-style-type: none"> • Microbiology • Serology/ Immunology • Clinical Chemistry • Hematology • Immunohematology • Blood Banking (Donor Processing) • Cytogenetics 	1a	Doctoral Degree in Clinical Laboratory, Chemical or Biological Science	<ul style="list-style-type: none"> • One year of pertinent clinical laboratory experience in the specialty area in which licensure is sought, and • 25 hours of Board-approved continuing education in supervision and administration 	None	
	1b		One year of pertinent clinical laboratory experience in the specialty area in which licensure is sought	<ul style="list-style-type: none"> • DLM (ASCP) or • CLSup (NCA) for all categories, • SC(ASCP) for clinical chemistry 	<ul style="list-style-type: none"> • SH (ASCP) for hematology and SBB(ASCP) for blood banking and immunohematology
	2a	Masters Degree in Clinical Laboratory, Chemical or Biological Science	<ul style="list-style-type: none"> • Three years of pertinent clinical laboratory experience, with at least 1 year experience in the specialty area in which licensure is sought, and • 25 hours of Board-approved continuing education in supervision and administration 	None	
	2b		Three years of pertinent clinical laboratory experience, with at least 1 year experience in the specialty area in which licensure is sought	<ul style="list-style-type: none"> • DLM (ASCP) or • CLSup (NCA) for all categories, • SC(ASCP) for clinical chemistry 	<ul style="list-style-type: none"> • SH (ASCP) for hematology and SBB(ASCP) for blood banking and immunohematology
	3a	Bachelors Degree with 24 semester hours of academic science including 8 semester hours of biological sciences and 8 semester hours of chemical sciences	<ul style="list-style-type: none"> • Five years of pertinent clinical laboratory experience, with at least 2 years experience at the Technologist level, and at least 1 year experience in the specialty area in which licensure is sought, and • 25 hours of Board-approved continuing education in supervision and administration 	None	
	3b		Five years of pertinent clinical laboratory experience, with at least 2 years experience at the Technologist level, and at least 1 year experience in the specialty area in which licensure is sought	<ul style="list-style-type: none"> • DLM (ASCP) or • CLSup (NCA) for all categories, • SC(ASCP) for clinical chemistry 	<ul style="list-style-type: none"> • SH (ASCP) for hematology and SBB(ASCP) for blood banking and immunohematology

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Specialty	Option	Education	Training/Experience	Examination	
Cytology	1a	Doctoral Degree in Clinical Laboratory Science in Cytology	<ul style="list-style-type: none"> One year of pertinent clinical laboratory experience and 25 hours of Board-approved continuing education in supervision and administration 	None	
	1b		One year of pertinent clinical laboratory experience	SCT(ASCP)	
	2a	Masters Degree in Clinical Laboratory Science in Cytology	<ul style="list-style-type: none"> Three years of pertinent clinical laboratory experience and 25 hours of Board-approved continuing education in supervision and administration 	None	
	2b		Three years of pertinent clinical laboratory experience	SCT(ASCP)	
	3a	Bachelors Degree with 16 semester hours of academic science	<ul style="list-style-type: none"> Five years of pertinent clinical laboratory experience in cytology and 25 hours of Board-approved continuing education in supervision and administration 	None	
	3b		Five years of pertinent clinical laboratory experience in cytology	SCT(ASCP)	
	4a	Associate Degree	Ten years of pertinent clinical laboratory experience in cytology within the previous 15 years	ASCP certification prior to 1985	
	Histology	1a	None	<ul style="list-style-type: none"> Five years of pertinent clinical laboratory experience in histology and 25 hours of Board-approved continuing education in supervision and administration within the previous 5 years 	HTL (ASCP)
		1b		<ul style="list-style-type: none"> Five years of pertinent clinical laboratory experience post-certification and 48 hours of Board-approved continuing education in supervision and administration within the previous 5 years 	HT (ASCP)

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Specialty	Option	Education	Training/Experience	Examination	
Histology	1c	None	<ul style="list-style-type: none"> Five years of pertinent clinical laboratory experience, and 48 hours of Board-approved continuing education in supervision and administration within the previous 5 years, and licensure as a technologist in the specialty of histology 	None	
<ul style="list-style-type: none"> Andrology Embryology 	1a	Doctoral Degree in Clinical Laboratory, Chemical or Biological Science	<ul style="list-style-type: none"> One year of pertinent clinical laboratory experience, and 25 hours of Board-approved continuing education in supervision and administration 	None	
	1b		One year of pertinent clinical laboratory experience in the specialty area in which licensure is sought	TS(ABB) for specialty sought.	
	2a	Masters Degree in Clinical Laboratory, Chemical, or Biological Science	<ul style="list-style-type: none"> Three years of pertinent clinical laboratory experience, and 25 hours of Board-approved continuing education in supervision and administration 	None	
	2b		Three years of pertinent clinical laboratory experience, with at least 1 year experience in the specialty area in which licensure is sought	TS(ABB) for specialty sought.	
	3a	Bachelors Degree in Clinical Laboratory, Chemical, or Biological Science	<ul style="list-style-type: none"> Five years of pertinent clinical laboratory experience, with at least 2 years experience in the specialty area in which licensure is sought, and 25 hours of Board-approved continuing education in supervision and administration 	None	
	3b		Five years of pertinent clinical laboratory experience, with at least 2 years experience in the category in which licensure is sought	TS(ABB) for specialty sought.	

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Specialty	Option	Education	Training/Experience	Examination
Histocompatibility	1	None	None	CHS(ABHI)
	2a	Doctoral Degree in Clinical Laboratory, Chemical or Biological Science	<ul style="list-style-type: none"> • One year of pertinent clinical laboratory experience, and • 25 ours of Board-approved continuing education in supervision and administration 	None
	2b		One year of pertinent clinical laboratory experience	CHS(ABHI)
	3a	Masters Degree in Clinical Laboratory, Chemical or Biological Science	<ul style="list-style-type: none"> • Three years of pertinent clinical laboratory experience, and • 25 hours of Board-approved continuing education in supervision and administration 	None
	3b		Three years of pertinent clinical laboratory experience	CHS(ABHI)
	4a	Bachelors Degree in Clinical Laboratory, Chemical or Biological Science	<ul style="list-style-type: none"> • Five years of pertinent clinical laboratory experience and • 25 hours of Board-approved continuing education in supervision and administration 	None
	4b		Five years of pertinent clinical laboratory experience	CHS(ABHI)

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Specialty	Option	Education	Training/Experience	Examination
Molecular Pathology	1a	Doctoral Degree in Clinical Laboratory, Chemical or Biological Science	<ul style="list-style-type: none"> One year of pertinent clinical laboratory experience in the specialty area in which licensure is sought, and 25 hours of Board-approved continuing education in supervision and administration 	None
	1b		One year of pertinent clinical laboratory experience in the specialty area in which licensure is sought	The Molecular Diagnostics examination given by ABB.
	2a	Masters Degree in Clinical Laboratory, Chemical or Biological Science	<ul style="list-style-type: none"> Three years of pertinent clinical laboratory experience, and 25 hours of Board-approved continuing education in supervision and administration 	None
	2b		Three years of pertinent clinical laboratory experience in the specialty area in which licensure is sought	The Molecular Diagnostics examination given by ABB.
	3a	Bachelors Degree with 16 semester hours of academic science	<ul style="list-style-type: none"> Five years of pertinent clinical laboratory experience with at least 2 years experience at the Technologist level and 25 hours of Board-approved continuing education in supervision and administration 	None
	3b		Five years of pertinent clinical laboratory experience with atleast 2 years experience at the Technologist level	The Molecular Diagnostics examination given by ABB.

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64B3-5.003 Technologist (<https://www.flrules.org/gateway/ruleNo.asp?id=64B3-5.003>): General Qualifications

Specialty	Option	Education	Training/Experience	Examination
<ul style="list-style-type: none"> • Microbiology • Serology/ Immunology • Clinical Chemistry • Hematology • Immunohematology • Molecular Pathology 	1	Bachelors Degree in Clinical Laboratory, Chemical, or Biological Science	<ul style="list-style-type: none"> • Clinical laboratory training program or • 3 years experience including 1 year in each specialty for which licensure is sought 	<ul style="list-style-type: none"> • MT(ASCP), • CLS(NCA), • MT(AMT), • MT(AAB) • NRCC examinations or specialist examinations in single discipline for licensure in that specialty area
	2	90 semester hours college credit	Clinical laboratory training program	<ul style="list-style-type: none"> • MT(ASCP), • CLS(NCA), • MT(AMT), • MT(AAB) or specialist examinations in single discipline for licensure in that specialty area
	3	Associate Degree in Clinical/Medical Laboratory Technology	None	MT(AAB) examinations, including specialist examinations, in single disciplines for licensure in that specialty area
	4a	Associate Degree	Successfully completed a military clinical laboratory training program of at least 1500 clock hours	MT(AAB) examinations, including specialist examinations, in single disciplines for licensure in that specialty area
	4b		5 years of pertinent clinical laboratory experience with one year of experience in each specialty area for which licensure is sought	MT(AAB) examinations, including specialist examinations, in single disciplines for licensure in that specialty area

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Blood Banking (Donor Processing)	1	Bachelors Degree in Medical Technology	None	<ul style="list-style-type: none"> • MT(ASCP), • BB(ASCP), • SBB(ASCP) 	<ul style="list-style-type: none"> • CLS(NCA), • MT(AAB), • MT(AMT)
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64B3-5.003 Technologist (<https://www.flrules.org/gateway/ruleNo.asp?id=64B3-5.003>): General Qualifications (Cotinued)

Specialty	Option	Education	Training/Experience	Examination	
Blood Banking (Donor Processing)	2a	Bachelors Degree in Clinical Laboratory, Chemical, or Biological Science	<ul style="list-style-type: none"> Medical Technology Training program or board approved training program in Blood Banking 	<ul style="list-style-type: none"> MT(ASCP), BB(ASCP), SBB(ASCP) 	<ul style="list-style-type: none"> CLS(NCA), MT(AAB), MT(AMT)
	2b		Three years experience in medical technology, with a minimum of one year in the areas of Chemistry, Serology/Immunology, Hematology, and Immunoematology	<ul style="list-style-type: none"> MT(ASCP), BB(ASCP), SBB(ASCP) 	<ul style="list-style-type: none"> CLS(NCA), MT(AAB), MT(AMT)
Cytology	1	None	None	CT(ASCP)	
Cytogenetics	1a	Bachelors Degree with 36 hours of academic science	Board approved training program in cytogenetics at the technologist level	CLS(NCA) Cytogenetics examination	
	1b		One year of pertinent clinical laboratory experience in cytogenetics	CLS(NCA) Cytogenetics examination	
Molecular Pathology	1	Bachelors Degree with 16 semester hours of academic science	None	<ul style="list-style-type: none"> CLS(NCA) Molecular Pathology examination, MP(ASCP) or MT(AAB) Molecular Diagnostics examination 	
<ul style="list-style-type: none"> Andrology Embryology 	1a	Bachelors Degree with 24 semester hours of academic science	Board approved training program in Andrology/Embryology	MT(AAB) Andrology/Embryology examination	
	1b		One year of pertinent clinical laboratory experience	MT(AAB) Andrology/ Embryology examination	
	2	Associate Degree	Three years of pertinent clinical laboratory experience	MT(AAB) Andrology/ Embryology examination	

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64B3-5.003 Technologist (<https://www.flrules.org/gateway/ruleNo.asp?id=64B3-5.003>): General Qualifications

Specialty	Option	Education	Training/Experience	Examination
Histology	1	None	None	HTL(ASCP) or HT(ASCP)QIHC
	2	Associate Degree	NAACLS-approved Histotechnology Program	HT(ASCP)
	3a	None	<ul style="list-style-type: none"> • Five years of pertinent experience and • 48 contact hours of continuing education in immunohistochemistry/advanced histologic techniques 	HT(ASCP)
	3b		<ul style="list-style-type: none"> • Five years of pertinent experience and • 48 contact hours of continuing education in immunohistochemistry/advanced histologic techniques and • licensure as a technician in the specialty of histology 	None
	Histocompatibility	1	None	None

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64B3-5.004 Technician (<https://www.flrules.org/gateway/ruleNo.asp?id=64B3-5.004>): General Qualifications.

Specialty	Option	Education	Training/Experience	Examination	
<ul style="list-style-type: none"> • Microbiology • Serology/ Immunology • Clinical Chemistry • Hematology • Immunohematology 	1a	None	Approved clinical/medical laboratory training program	<ul style="list-style-type: none"> • MLT(ASCP), • CLT(NCA) 	<ul style="list-style-type: none"> • MLT(AMT), • MLT(AAB)
	1b		Five years of pertinent clinical laboratory experience within the 10 years preceding application for licensure	<ul style="list-style-type: none"> • MLT(ASCP), • CLT(NCA) 	<ul style="list-style-type: none"> • MLT(AMT), • MLT(AAB)
	2	Associate Degree	Four years of pertinent clinical laboratory experience within the 10 years preceding application for licensure	<ul style="list-style-type: none"> • MLT(ASCP), • CLT(NCA) 	<ul style="list-style-type: none"> • MLT(AMT), • MLT(AAB)
	3	Bachelors Degree	Three years of pertinent clinical laboratory experience within the 10 years preceding application for licensure	<ul style="list-style-type: none"> • MLT(ASCP), • CLT(NCA) 	<ul style="list-style-type: none"> • MLT(AMT), • MLT(AAB)
	Histology	1	None	None	HT(ASCP)
<ul style="list-style-type: none"> • Andrology • Embryology 	1	None	Approved clinical/medical laboratory training program	MLT(AAB) for specialty sought	
	2	Bachelors Degree	Six months of pertinent clinical laboratory experience	MLT(AAB) for specialty sought	
	3	Associate Degree	Five years of pertinent clinical laboratory experience	MLT(AAB) for specialty sought	
Molecular Pathology	1	High school diploma or High school equivalent	Licensed clinical laboratory technologist or technician in any specialty area	MLT (AAB) Molecular Diagnostics Examination	

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64B3-5.007 Director (<https://www.flrules.org/gateway/ruleNo.asp?id=64B3-5.007>): General Qualifications.

Specialty	Option	Education	Training/Experience	Certification
All Specialties	1a	Licensed physician (does not require a separate laboratory director license)	None	Certification in Clinical Pathology by the ABP or AOBP
	1b		None	Certification in the pertinent laboratory specialty by ABIM, AOBIM, ABMM, ABCC, ABNM, AOBNM, ABMG, ABB, ABMLI, ABHI
	1c		Four years of pertinent clinical laboratory experience (post-graduate), with two years experience in the specialty to be directed	None
<ul style="list-style-type: none"> • Histology • Cytology 	1	Licensed physician (does not require a separate laboratory director license)	None	Certification in Anatomical Pathology or Cytopathology by ABP or AOBP. For dermatopathology only, certification in Dermatopathology by the ABD or AOBP
Oral Pathology Laboratories	1	Licensed physician or dentist (does not require a separate laboratory director license)	None	Certification in Anatomical Pathology by ABOP, ABP, or AOBP
Microbiology	1	Doctoral Degree in a chemical, biological, or clinical laboratory science	None	Certification in Clinical Microbiology by ABMM, HCLD(ABB) with certification in Microbiology, or CLDir(NCA) as Generalist or with certification in Microbiology
Hematology	5	Doctoral Degree in a chemical, biological, or clinical laboratory science	None	HCLD(ABB) in Hematology or CLDir(NCA) as Generalist with certification in Hematology.
Cytogenetics	1	Doctoral Degree in a chemical, biological, or clinical laboratory science	None	Certification in Clinical Cytogenetics by ABMG
Serology/ Immunology	1	Doctoral Degree in a chemical, biological, or clinical laboratory science	None	Certification in Clinical Immunology by ABMLI, HCLD(ABB) with certification in Immunology, or CLDir(NCA) as Generalist

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64B3-5.007 Director (<https://www.flrules.org/gateway/ruleNo.asp?id=64B3-5.007>): General Qualifications. (Continued)

Specialty	Option	Education	Training/Experience	Certification
Clinical Chemistry	1	Doctoral Degree in a chemical, biological, or clinical laboratory science	None	Certification in Clinical Chemistry by ABCC, HCLD(ABB) with certification in Chemistry, CLDir(NCA) as Generalist or with certification in Chemistry, or certification in Clinical Chemistry or Toxicological Chemistry by NRCC.
Andrology	1	Doctoral Degree in a chemical, biological, or clinical laboratory science	None	HCLD(ABB) with certification in Andrology
Embryology	1	Doctoral Degree in a chemical, biological, or clinical laboratory science	None	ELD(ABB) or HCLD(ABB) with certification in Embryology.
Histocompatibility	1	Doctoral Degree in a chemical, biological, or clinical laboratory science	None	Diplomate of the ABHI or HCLD(ABB) with certification in Immunology.
Molecular Pathology	1	Doctoral Degree in a chemical, biological, or clinical laboratory science	None	Certification in Molecular Pathology by ABCC, certification in Molecular Genetics by ABMG, or HCLD(ABB) with certification in Molecular Diagnostics