



Continuing Education Unlimited

6231 PGA Blvd, Suite 104 / #306 / Palm Beach Gardens, FL 33418
 Phone: 888-423-8462 / Fax: 561-775-4933 / Web: www.4CEUINC.com / Email: Lab@4ceulinc.com

2019 COURSE LIST

Last Revised 12/09/19

SUBSCRIPTIONS: Subscriptions Provide Access to All INDIVIDUAL Courses for a specific Amount of Time From Purchase.

CODE	COMPLETE BY	TITLE	ALERTS	HRS
O-SUB19	12 Months	12 Month Subscription (Online Access for 12 months)		180+ *

* Total hours available in Subscriptions reflect courses NOT completed. IE: if you have completed a topic it will not appear in your "My Courses" list. *

NEW COMBO COURSES: (*Courses with multiple parts will have the hours listed for each part under HRS. Add for total)



IMPORTANT COMBO CHANGES:

1. We no longer have a "Home Study Complete" format option. You would now purchase a printed book, then add either an online quiz or an AS.
2. Answer sheets (AS) can no longer be mailed back. You can fax or upload your answer sheets when returning them to our office.
3. Due to previous delivery problems, Certificates will no longer be mailed. You can print them out any time online by visiting your "Course History".

CODE	COMPLETE BY	TITLE	ALERTS	HRS
B-24-19	June 30, 2023	Laboratory Combo-19 - PRINTED BOOK ONLY	◀ NEW	N/A
24-19	June 30, 2023	Laboratory Combo-19 (Both PARTS I and II)	◀ NEW	12.5 + 12
24-19-I	June 30, 2023	Laboratory Combo-19 PART I	◀ NEW	12.5
24-19-II	June 30, 2023	Laboratory Combo-19 PART II	◀ NEW	12
H24-19	June 30, 2023	Histology Combo-19 (Both PARTS I and II) (Lab Combo PART I + Histo Combo PART II)	◀ NEW	
H24-19-II	June 30, 2023	Histology Combo-19 PART II (Pair with the Laboratory Combo PART I for 24.5 hours)	◀ NEW	12
C12F-19	Sept 30, 2023	Florida Cytology Combo-19 (For Florida Licensees)	◀ NEW	12
B-24F-19	June 30, 2023	Florida Laboratory Combo-19 - PRINTED BOOK ONLY	◀ NEW	N/A
24F-19	June 30, 2023	Florida Laboratory Combo-19 (Both PARTS I and II) (Package for Florida Licensees)	◀ NEW	12.5 + 12
24F-19-I	June 30, 2023	Florida Laboratory Combo-19 PART I (For Florida Licensees)	◀ NEW	12.5
24F-19-II	June 30, 2023	Florida Laboratory Combo-19 PART II (For Florida Licensees)	◀ NEW	12
H24F-19	June 30, 2023	Florida Histology Combo-19 (Both PARTS I and II) (Package for Florida Licensees)	◀ NEW	12.5 + 12
H24F-19-I	June 30, 2023	Florida Histology Combo-19 PART I (For Florida Licensees)	◀ NEW	12.5
H24F-19-II	June 30, 2023	Florida Histology Combo-19 PART II (For Florida Licensees)	◀ NEW	12
FM019	June 30, 2021	Florida Mandatory Course Package-19 (HIV, Med Errors & Laws) (Florida Renewal)	◀ NEW	5
FI019	June 30, 2021	Florida Initial Licensure Package (HIV) (Obtaining a NEW Florida License)	◀ NEW	4
FF019	June 30, 2021	Florida First Renewal Package (Med Errors & HIV) (Your FIRST Florida Renewal Cycle)	◀ NEW	4
6PH-19	Sept 30, 2021	6 Hour Phlebotomy Combo-19	January '20	6
9PH-19	Sept 30, 2021	9 Hour Phlebotomy Combo-19	January '20	9
PKG-SAF010	June 30, 2023	12 Hour Bloodborne Pathogens Series (SAFETY CATEGORY)	◀ NEW	12

2017 Combo Courses

All 2017 Combo Courses are still available, but not listed due to space constraints. All 2017 Combo courses expire June 30, 2021.

TEXTBOOKS: (*Textbooks have a Shipping & Handling charge associated with them when ordering the Complete format.)

CODE	COMPLETE BY	TITLE	ALERTS	HRS
FSU014	---	Florida Supervisor Upgrade	TEXTBOOK	25
HFSU014	---	Florida Histology Supervisor Upgrade	TEXTBOOK	48
TSU013	---	Tennessee Supervisor Upgrade	TEXTBOOK	37



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INDIVIDUAL COURSES

-- CALENDAR YEAR 2019 --

BLOOD BANKING (Also See Immunohematology Category)				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
BB002	June 30, 2021	Blood Component Processing, Storage, Special Preparation, and Labelling		2
IH019	June 30, 2021	Transfusion Transmitted Infections (1 hr in BB & 1 hr in Immunohem) – Under Immunohem. online	◀ NEW	1
CHEMISTRY				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
C030	June 30, 2021	Calcium, Phosphate, and Magnesium Disorders	◀ NEW	3
C024	June 30, 2021	Classification and Diagnosis of Diabetes		2
C027	June 30, 2021	Hyperkalemia		2
C026	June 30, 2021	Hyponatremia		2
C023	June 30, 2021	Mass Spectrometry and Its Role in Clinical Diagnosis		1
C029	June 30, 2021	Metabolic Alkalosis IN REVIEW	◀ NEW	TBD
C018	June 30, 2021	The Steroid Hormone Cascade		2
C021	June 30, 2021	Thyroid Hormone Excess: Grave's Disease		3
C028	June 30, 2021	Urine Collection Methods: A Basic Review	◀ NEW	2
CYTOGENETICS				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
CYG006	June 30, 2021	A New Adult AML Case with Extremely rare Karyotype	◀ NEW	2
CYG003	June 30, 2021	BRCA Mutations		4
CYG007	June 30, 2021	Double Aneuploidy in Down Syndrome	◀ NEW	3
CYG003	June 30, 2021	FISH: An Increasingly Demanded Tool		2
CYG008	June 30, 2021	Morphological Markers in Chromosomal Instability	◀ NEW	1
CYG005	June 30, 2021	X and Y Chromosomes: A Basic Review		1
CYTOLOGY				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
CY014	June 30, 2021	Body Fluid Effusions: Identifying Benign vs. Malignant Cells		3
CY017	June 30, 2021	Case Studies in Cytology-19	◀ NEW	1
CY012	June 30, 2021	Nasal Cytology in Children		1
CY013	June 30, 2021	Review of Normal WBCs		2
CY015	June 30, 2021	Basics in Breast Cytology		2.5
CY016	June 30, 2021	Use of Nasal Cytology in Sinonasal Disorders	◀ NEW	2
FLORIDA MANDATORY (Previously Each Course had its Own Category)				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
FM-1HIV019	June 30, 2021	1 Hour HIV/AIDS Review	◀ NEW	1
FM-3HIV019	June 30, 2021	3 Hour HIV/AIDS Review	◀ NEW	3
LR019	June 30, 2021	Florida Lab Laws & Rules	◀ UPDATED	1
ME019	June 30, 2021	Medical Errors and the Laboratory	◀ UPDATED	2
HEMATOLOGY				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
H021	June 30, 2021	Case Studies in Hematology		2
H027	June 30, 2021	Contact Pathway of Coagulation and Inflammation	◀ NEW	2
H023	June 30, 2021	Factor XIII Review		2
H028	June 30, 2021	Heparin Induced Thrombocytopenia	◀ NEW	2



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2019 INDIVIDUAL COURSE LIST CONTINUED:

CODE	COMPLETE BY	TITLE	ALERTS	HRS
H022	June 30, 2021	Myelodysplastic Syndrome		1
H026	June 30, 2021	Overview of Pediatric Hematology		1.5
H029	June 30, 2021	Platelets: A Basic Review	◀ NEW	1
H030	June 30, 2021	Review of Benzene and the Hematological System	◀ NEW	1
H019	June 30, 2021	Stem Cell Basics		2
H020	June 30, 2021	Understanding Components of the CBC		4
H025	June 30, 2021	Understanding Hemostasis and Coagulation Testing		1.5
HISTOLOGY (Also View the Immunohistochemistry Category)				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
HI035	June 30, 2021	Artifacts in Histopathology: A Potential Cause of Misinterpretation		2
HI023	June 30, 2021	Common Moles, Dysplastic Nevi, and Melanoma		1
HI029	June 30, 2021	Electron Microscopy of Liver Biopsies		4
HI033	June 30, 2021	Estrogen and Cancer: Understanding Estrogen Receptors		1.5
HI030	June 30, 2021	Histological Changes of the Placenta in Diabetes		1.5
HI042	June 30, 2021	Histological Stains: Literature Review and Case Study	◀ NEW	1
HI044	June 30, 2021	Histology Microtechniques	◀ NEW	2
HI041	June 30, 2021	Histology of Normal Tissues		3
HI036	June 30, 2021	Histology Stains: A Historical Review		2
HI038	June 30, 2021	Microwave Assisted Tissue Pathology		1
HI037	June 30, 2021	Mohs Surgery Overview		2
HI025	June 30, 2021	Pathology of Breast Diseases		3
HI027	June 30, 2021	Principles of the Liver Biopsy Procedure		1
HI026	April 30, 2020	The Autopsy: Pathology of a Sepsis Related Death		3
HI043	June 30, 2023	The Role of Technical Quality Control in Histology Laboratories	◀ NEW	1
HI032	June 30, 2021	Understanding Angiogenesis		1
HI022	June 30, 2021	Unusual Cancers of Childhood – PART I		2
HI024	June 30, 2021	Unusual Cancers of Childhood – PART II		4
IMMUNOHISTOCHEMISTRY				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
HI034	June 30, 2021	Ancillary Techniques in the Histopathologic Diagnosis of Cervical SIL & GIL (2 hrs IHC / 1 hr Mol Path)		3
IHC006	June 30, 2021	Antigen Retrieval for Light & Electron Microscopy	◀ NEW	3
IHC007	June 30, 2021	Detection Systems in Immunohistochemistry	◀ NEW	3
HI031	June 30, 2021	Immunohistochemistry for Chronic Hepatitis Diagnosis		1
HI040	June 30, 2021	Immunohistochemistry in Breast Pathology		2
HI039	June 30, 2021	Immunohistochemistry in Cervical Cancer		1
IMMUNOHEMATOLOGY (Also See Blood Banking Category)				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
IH015	June 30, 2021	Blood Safety		2
IH018	June 30, 2021	CASE STUDY: Alloantibody Causing Blood Type Conflict in Pregnant Female		1
IH016	June 30, 2021	Mini Reviews in Immunohematology-19	◀ NEW	2



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CODE	COMPLETE BY	TITLE	ALERTS	HRS
IH016	June 30, 2021	Risks, Complications, and Reactions Associated with Transfusions		2
IH019	June 30, 2021	Transfusion Transmitted Infections (1 hr in BB & 1 hr in Immunohem)	◀ NEW	2
MANAGEMENT / SAFETY (This Category Has Been Moved Under Safety)				
MANAGEMENT / SUPERVISION				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
SU023	June 30, 2021	Assay Validations: Make Sure You Do It Right the First Time		1
SU019	June 30, 2021	Basic Quality Control Review		1
SU025	June 30, 2021	CLIA: A Brief Overview	◀ NEW	1
SU022	June 30, 2021	Employee Files: Don't Get Lost in the Paperwork		1
SU027	June 30, 2021	Medical Errors and the Laboratory (Florida licensees – see FL Mandatory category)	◀ UPDATED	2
SU024	June 30, 2020	Proficiency Testing: FAQ Basics	◀ NEW	2
SU028		Laboratory Management: Principles & Processes (NOT FOR SUPERVISOR UPGRADE CEs)	TEXTBOOK	48
MICROBIOLOGY				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
1HIV019	June 30, 2021	1 Hour HIV/AIDS Review	◀ NEW	1
3HIV019	June 30, 2021	3 Hour HIV/AIDS Review	◀ NEW	3
M023	June 30, 2021	Antibiotic Resistance: A Review of the Current Threats		2.5
M025	June 30, 2021	Bioterrorism: A Worldwide Threat		2
M021	June 30, 2021	Ebola Review for the Laboratory		4
M029	June 30, 2021	Microbiology of Ventilator Associated Pneumonia	◀ NEW	
M026	June 30, 2021	Nocardiosis: Clinical and Pathological Aspects		2
M018	June 30, 2021	People, Pets, and Zoonoses		2
M019	June 30, 2021	Sexually Transmitted Diseases		3
M028	June 30, 2021	Understanding Sepsis	◀ NEW	2
M024	June 30, 2021	Zika Virus: Update and Overview		1
MOLECULAR PATHOLOGY				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
MP007	June 30, 2021	Genetic Testing: A Basic Review		2
MP011	June 30, 2021	PCR and Infectious Diseases	◀ NEW	1
MP013	June 30, 2021	Regulatory Concern of PCR Carryover	◀ NEW	1
MP009	June 30, 2021	RNA & DNA: A Basic Review		2.5
MP010	June 30, 2021	Use of Nucleic Acid Testing in Molecular Diagnostics	◀ NEW	2
MP008	June 30, 2021	What is a Genome		2
PHLEBOTOMY				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
PH005	Sept 30, 2021	Patient Injuries Caused by Phlebotomy		2.5
PH004	Sept 30, 2021	Preanalytical Errors in Specimen Collection		3.5



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PH003	Sept 30, 2021	Specimen Collection: A Basic Review		2
PH007	Sept 30, 2021	Blood Composition – Review of Cellular Components		2
PH006	Sept 30, 2021	Infectious Complications Caused by Phlebotomy	◀ NEW	2.5
SAFETY (Previously Management/Safety)				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
SAF001	June 30, 2021	Biological Safety Cabinets (Previously Course Code SU020)		4
SAF003	Sept 30, 2021	BBP SERIES: Basic Review of the Pathogens	◀ NEW	2
SAF004	Sept 30, 2021	BBP SERIES: Exposure Control Plan	◀ NEW	4
SAF005	Sept 30, 2021	BBP SERIES: Personal Protective Equipment Review	◀ NEW	1
SAF006	Sept 30, 2021	BBP SERIES: HIV and HBV Research Labs and Production Facilities	◀ NEW	1
SAF007	Sept 30, 2021	BBP SERIES: HBV Vaccination Under the Bloodborne Pathogens Standard	◀ NEW	2
SAF008	Sept 30, 2021	BBP SERIES: Communication of Hazards and Recordkeeping	◀ NEW	2
SAF009	Sept 30, 2021	Hand Hygiene	◀ NEW	2.5
SEROLOGY				
CODE	COMPLETE BY	TITLE	ALERTS	HRS
S020	June 30, 2021	Hepatitis B: Immunity & Prevention Strategies Through Vaccination		4
S022	June 30, 2021	Immune Principles of Vaccination		1.5
S027	June 30, 2021	Immunoglobulin Review PART I: Immunoglobulin Structure	◀ NEW	1
S028	June 30, 2021	Immunoglobulin Review PART II: Types & Uses	◀ NEW	3
S021	June 30, 2021	Introduction to Basic Immunology		2
S029	June 30, 2021	Introduction to Immunology and Immunopathology	◀ NEW	2
S018	June 30, 2021	Toxic Epidermal Necrolysis and Stevens-Johnson Syndrome		2
S024	June 30, 2021	Understanding the ABCs of the Immune System		2.5
S030	June 30, 2021	Western Blot: A Valuable Immunohematology	◀ NEW	3

ALERT: If a course DOES NOT appear on this list, it is no longer available for course credit or is in the process of being updated. All courses are reviewed every 2 yrs.



- ✓ Have a Group of 5 or more at your facility? Set up a Group Account and get discount pricing for your employees.
- ✓ Set up facility invoicing OR have your employees pay.
- ✓ YES, we can price match, just ask.