

**LEHIGH CARBON COMMUNITY COLLEGE  
 CEDAR CREST COLLEGE  
 COURSE EQUIVALENT LIST**

<b>LCCC</b>	<b>CEDAR CREST COLLEGE</b>	
<b><u>Dept./No. &amp; Course Title</u></b>	<b><u>Dept. No.</u></b>	<b><u>Liberal Arts Requirements</u></b>
<b><u>ACCOUNTING</u></b>		
ACC 160 Principles of Accounting I <b>and</b>	ACC 101	
ACC 161 Principles of Accounting II		
ACC 171 Payroll and Taxes for Small Business	Elective	
ACC 173 Benefits Administration and Risk Management for Small Business	Elective	
ACC 174 Cost Analysis and Profit Planning for Small Business	Elective	
ACC 201 Intermediate Accounting I <b>and</b>	ACC 309	
ACC 202 Intermediate Accounting II		
ACC 203 Cost/Managerial Accounting	ACC 102	
ACC 205 Income Tax Accounting	ACC 315	
ACC 262 Accounting Information Systems	ACC 999	
<b><u>ALLIED HEALTH CAREERS</u></b>		
ALH 101 Introduction to Allied Health Careers	Elective*	
ALH 106 Introduction to Pediatric Therapy	Elective*	
ALH 107 Introduction to Sports Physical Therapy	Elective*	
ALH 110 Fundamentals of Hand Therapy for the Assistant	Elective*	
ALH 112 Introduction to Therapeutic Horseback Riding	Elective	
*Can be used as EXS Elective for Exercise Science major only		
<b><u>AMERICAN SIGN LANGUAGES</u></b>		
ASL 101 American Sign Language I	Elective	
ASL 105 American Sign Language II	Elective	
ASL 106 American Sign Language II	Elective	
<b><u>ARABIC</u></b>		
ARB 105 Elementary Arabic I	Elective	GS
ARB 106 Elementary Arabic II	Elective	GS
<b><u>ART</u></b>		
ART 101 Introduction to Art	ART 105	ART
ART 102 Fundamentals of Drawing and Painting	ART 110	ART
ART 107 Digital Design	ART 238	ART
ART 108 Two Dimensional Design	ART 110	ART
ART 109 Motion Graphics	Elective	
ART 110 Drawing I	ART 101	ART
ART 111 Color Theory	Elective	ART
ART 112 Figure Drawing	ART 101 or 201	
ART 115 Painting I	ART 123	ART
ART 118 2D Game and Simulation Graphics	Elective	
ART 119 Digital Photography I	COM 225	

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ART 120	Photography I	Elective	ART
ART 125	Jewelry and Metalsmithing I	ART 125	ART
ART 128	Computer-Aided Logo & Advertising Design	Elective	
ART 130	Ceramics I	ART 131	ART
ART 132	Principles of 3D Modeling and Texturing	COM 220	
ART 135	Three Dimensional Design	ART 127	ART
ART 145	The Art of Illustration	ART 113	ART
ART 150	Fashion Design Concepts and Illustration	Elective	
ART 152	Clothing Construction	Elective	
ART 155	Fashion Draping	Elective	
ART 181	Advanced 3D Modeling and Texturing	Elective	
ART 205	Pattern Making I	Elective	
ART 206	Pattern Making II	Elective	
ART 209	Computer Game and Simulation Art Capstone	Elective	
ART 210	Drawing II	ART 201	ART
ART 212	American Art	Elective	ART
ART 215	Painting II	ART 223	ART
ART 220	Photography II	Elective	ART
ART 225	Jewelry and Metalsmithing II	ART 225	ART
ART 226	Advanced Multimedia Topics and Design Concepts	Elective	
ART 230	Ceramics II	ART 231	ART
ART 235	Sculpture	ART 127	ART
ART 242	Desktop Publishing	ART 129+ART 229	
ART 247	Introduction to Animation	Elective	
ART 248	Web-Based Interactive Animation	Elective	
ART 251	Character Rigging and Animation	Elective	
ART 252	Computer Generated Dynamic Simulations	Elective	
ART 258	Multimedia Practicum	Elective	
ART 260	Independent Study	Reviewed Individually	

### **ASTRONOMY**

AST 201	Introduction to Astronomy	GSC 103	SCI
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### **BIOLOGICAL SCIENCE**

BIO 101	Introductory Biology	BIO 111	SCI
BIO 105	Fundamentals of Biology	BIO 112	SCI
BIO 106	Plant Science	BIO 207	SCI
BIO 110	General Biology I	BIO 124	SCI
BIO 111	General Biology II	BIO 123	SCI
BIO 112	Introduction to Biotechnology	Elective	
BIO 115	Field Biology	Elective	
BIO 116	Topics in Ecology	Elective	SCI
BIO 117	World Biomes	Elective	
BIO 118	Woody Plants in the Landscape	Elective	
BIO 120	Biology of Aging	HLT 100	

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BIO 122 Biotechnology Techniques	Elective	
BIO 124 Nutrition	Elective (fulfills NTR requirement for Nursing, Health Science, Public Health, Exercise Science, and Health Promotion and Wellness)	
BIO 125 Herbs and Herbal Medicine	Elective	
BIO 130 Cataclysm:The Science of Natural Disasters	Elective	SCI
BIO 135 Intro to Environmental Science	ENS 101	SCI
BIO 137 Introduction to Environmental Science	ENS 101	SCI
BIO 163 Anatomy & Physiology I	BIO 117 or 217	SCI
BIO 164 Anatomy & Physiology II	BIO 118 or 218	SCI
BIO 205 Principles of Botany	BIO 207	SCI
BIO 206 A Survey of the Plant Kingdom	BIO 207	SCI
BIO 208 Plant Propagation	Elective	
BIO 212 Industrial Biotechnology	Elective	
BIO 214 Genetics	BIO 231 lecture*	SCI
BIO 218 Genetics	BIO 231	SCI
BIO 220 Introduction to Microbiology (fulfills the microbiology requirement for Nursing)	BIO 227	SCI
BIO 222 Molecular Biotechnology	Elective	
BIO 223 Biotechnology Seminar	Elective	
BIO 231 Entomology	Elective	SCI
BIO 236 Soil Science	Elective	SCI
BIO 250 Selected Topics in the Natural Science	Elective	
BIO 251 Selected Topics in the Natural Sciences	Elective	
BIO 270 Pathophysiology	BIO 304	SCI

\* LCCC BIO 214 is a lecture only course, students would need to take BIO 231 lab at CCC to meet full requirements, please discuss with CCC advisor if it would be better to take BIO 231 lecture and lab together.

**BUSINESS**

BUS 120 Introduction to Business Organization	Elective	
BUS 130 Personal Money Management	Elective	
BUS 141 Principles of Advertising	Elective	
BUS 146 Customer Service and Call Centers	Elective	
BUS 150 Business Statistics	MAT 110	ML
BUS 152 Principles of Sales	Elective	
BUS 209 Business Communications	Elective	
BUS 211 Principles of Management	BUA 110	
BUS 220 Records Management	Elective	
BUS 221 Principles of Marketing	MRK 230	
BUS 237 Investments	BUA 216	
BUS 241 Business Law I <b>and</b>	BUA 221	
BUS 242 Business Law II		
BUS 246 Business Ethics	Elective	
BUS 248 Essentials of Entrepreneurships & SBM	Elective	
BUS 252 Human Resources Management	BUA 220	
BUS 254 Human Resource Law	BUA 239	
BUS 256 International Business	BUA 240	GS
BUS 257 HRIS/Payroll Administration	Elective	
BUS 258 Labor Relations	Elective	

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BUS 259 Compensation and Benefits Management BUA 325

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Requirements**

BUS 262	Recruiting, Training and Evaluating Employees	BUA 320	
BUS 276	Industrial Health and Safety	Elective	
BUS 284	Business Internship	Elective	
BUS 285	Global Business Practice Firm	Elective	

**CHEMISTRY**

CHE 105	Fundamentals of Chemistry	Elective	SCI
CHE 106	Physiological Chemistry	CHE 103	SCI
CHE 107	Chemical and Laboratory Safety	Elective	
CHE 108	Essentials of Chemistry	Elective	SCI
CHE 111	General Chemistry I	CHE 111	SCI
CHE 112	General Chemistry II	CHE 112	SCI
CHE 205	Organic Chemistry I	CHE 205	SCI
CHE 206	Organic Chemistry II	CHE 206	SCI
CHE 209	Polymer Chemistry	CHE 341	SCI
CHE 211	Instrumental and Quantitative Analysis I	CHE 230	SCI
CHE 212	Instrumental and Quantitative Analysis II	CHE 302	SCI
CHE 250	Selected Topics in the Natural Sciences	Reviewed Individually	
CHE 251	Selected Topics in the Natural Sciences	Reviewed Individually	

**CHINESE**

CHN 105	Elementary Chinese I	Elective	GS
CHN 106	Elementary Chinese II	Elective	GS
CHN 205	Intermediate Chinese I	Elective	GS
CHN 206	Intermediate Chinese II	Elective	GS

**COMMUNICATION**

CMN 105	Interpersonal Communication	COM 210	SS
CMN 108	Introduction to Public Relations	COM 216	SS
CMN 112	Oral Communication and Presentation	THS105	
CMN 115	Argumentation and Debate	Elective	
CMN 120	Small Group Communication	Elective	SS
CMN 121	Introduction to Communication Theory	COM 200	SS
CMN 125	Introduction to Theatre Arts	Elective	ART
CMN 201	Intercultural Communication	COM 212	SS

**COMPUTER FORENSICS**

CFS 105	Computer Ethics	Elective	
CFS 110	Introduction to Computer Forensics	Elective	
CFS 115	Introduction to Digital Security	Elective	
CFS 145	Principles of Information Security	Elective	
CFS 155	Network Security	Elective	
CFS 205	Intrusion Detection and Prevention	Elective	

**COMPUTER INFORMATION SYSTEMS/NETWORKING**

CIS 105	Introduction to Computers & Applications	Elective	
CIS 108	Digital Design II	Elective	
CIS 110	Business Information Systems	Elective	

## LCCC

## CEDAR CREST COLLEGE

<u>Dept./No. &amp; Course Title</u>	<u>Dept.No.</u>	<u>Liberal Arts Requirements</u>
CIS 111 Electronic Commerce	Elective	
CIS 112 Computational Thinking and Programming Logic	Elective	ML
CIS 114 Introduction to Game Design	Elective	
CIS 116 Adobe Dreamweaver	Elective	
CIS 118 Game and Simulation Programming Fundamentals	Elective	
CIS 133 User Experience Design	Elective	
CIS 141 Client-Side Scripting I	Elective	
CIS 142 Client-Side Scripting II	Elective	
CIS 143 XML	Elective	
CIS 145 Systems Analysis and Design	Elective	
CIS 155 Introduction to Computer Science – Structured Programming – C++	Elective	
CIS 165 Data Structures	Elective	
CIS 172 Java I	Elective	
CIS 173 Java II	Elective	
CIS 180 Introduction to Project Management	Elective	
CIS 181 3D Game and Simulation Programming	Elective	
CIS 206 Microsoft Server-Side Scripting	Elective	
CIS 207 Unix Server-Side Scripting	Elective	
CIS 209 Computer Game & Programming Cap.	Elective	
CIS 222 Software Development for Mobile Dev.	Elective	
CIS 225 Computer Organization and Architecture	Elective	
CIS 226 Advanced Multimedia Design	Elective	
CIS 250 Operating Systems	Elective	
CIS 255 The Database Environment	Elective	
CIS 258 Multimedia Practicum	Elective	
CIS 280 GUI Application Development Tools Practicum <b>or</b>	Elective	
CIS 281 Visual Basic Programming I <b>and</b>		
CIS 283 Visual Basic Programming II		
NET 110 Network Essentials	Elective	
NET 111 A + Essentials	Elective	
NET 121 A + Practical Application	Elective	
NET 129 Installing and Configuring Windows Server 2012	Elective	
NET 139 Administering Windows Server 2012	Elective	
NET 149 Configuring Advanced Windows Server 2012 Services	Elective	
NET 180 Cisco Internetworking V	Elective	
NET 185 Cisco Internetworking VI	Elective	
NET 210 Linux Installation and Administration	Elective	
NET 220 CCNA 1 – Introduction to Networks	Elective	
NET 225 CCNA 2 – Routing and Switching Essen	Elective	
NET 230 CCNA 3 – Scaling Networks	Elective	
NET 235 CCNA 4 – Connecting Networks	Elective	
NET 280 Computer Specialist - Network Technology Internship	Elective	

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<b><u>COOPERATIVE EDUCATION</u></b>		
CED 272 Cooperative Learning Experience	Review Individually	
<b><u>CRIMINAL JUSTICE</u></b>		
CJA 101 Introduction to the Criminal Justice System	CRJ 101	
CJA 105 Criminal Investigations	Elective	SS
CJA 106 Introduction to Homeland Security	Elective	SS
CJA 116 Corrections Administration	CRJ 306	
CJA 118 Juvenile Delinquency	CRJ 301	
CJA 201 Criminal Evidence and Court Procedure	Elective	SS
CJA 215 Law Enforcement and Society	Elective	SS
CJA 225 Probation and Parole	Elective	SS
CJA 234 Ethics in Criminal Justice	CRJ 211	
CJA 235 Seminar in Police Problems	Elective	
CJA 240 Criminal Law	PSC 218	SS
CJR 119 Juvenile Justice	CRJ 301	
<b><u>CULINARY ARTS</u></b>		
CUL 216	Elective	
<b><u>DIGITAL MEDIA AND THE ARTS</u></b>		
DMP 105 Introduction to Media Communications	COM 112	
DMP 115 Principles of Sound Production	Elective	
DMP 116 Sound Design for Animation	Elective	
DMP 121 Media Scriptwriting & Storyboarding	Elective	
DMP 130 Video Field Production	COM 224	ART
DMP 205 Introduction to Video Editing	COM 324	ART
DMP 210 TV Studio Production	Elective	
DMP 215 Media Law and Ethics	COM 255	
DMP 216 Digital Audio Production	Elective	
DMP 220 Advanced Video Production	Elective	
DMP 225 Audio Post Production	Elective	
DMP 250 Communications Media Practicum	COM 290	
<b><u>EARLY CHILDHOOD EDUCATION</u></b>		
ECE 110 Fundamentals of Early Childhood Education	ECE 101	
ECE 120 Children's Growth and Development	Elective	
ECE 125 Education and Care of Infants and Toddlers	Elective	
ECE 130 Integrating the Arts and Play in Early Childhood	EDU 308	
ECE 140 Observation and Recording Techniques	ECE 301	
ECE 200 Young Children with Special Needs	Elective	
ECE 205 Math & Science for Early Childhood	Elective	
ECE 210 Integrating Curriculum in Early Childhood	Elective	
ECE 215 Language and Literature	ECE 207	
ECE 220 Internship	EDU 321, EDU 151	

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ECE 225	Early childhood Professional	Elective	
ECE 230	The Director with Vision	Elective	
ECE 235	Program Organization and Management	Elective	

**EARLY CHILDHOOD EDUCATION/EARLY INTERVENTION**

ECI 115	Family-Centered Early Intervention Field Experience	Elective	
ECI 205	Early Childhood Guidance for Inclusion Settings	Elective	
ECI 220	Early Childhood Education/Early Intervention Internship	Elective	
ECI 230	Principles of Family-Centered Early Intervention	Elective	
ECI 240	Strategies for Teaching Infants and Toddlers with Special Needs	Elective	
ECI 245	Curriculum for Inclusive Early Childhood Practices	Elective	

**ECONOMICS**

ECO 201	Principles of Macroeconomics	ECO 101	SS
ECO 202	Principles of Microeconomics	ECO 102	SS
ECO 237	International Relations	Elective	GS

**EDUCATION**

EDU 101	Foundations of Education	EDU 100	
EDU 105	Introduction to Special Education	SPE 242	
EDU 114	Careers in Education	Elective	
EDU 115	Education Field Experience I	EDU 151	
EDU 120	Teaching with Technology	EDU 207	
EDU 125	Linking Assessment and Instruction for Diverse Learners	Elective	
EDU 150	Second Language & Literacy Development	Elective	
EDU 155	Teaching Diverse Learners	EDU 359	
EDU 165	Aligning English Language Proficiency Development with Academic Standards	Elective	
EDU 170	Teaching Language Through Content	Elective	
EDU 181	Technology and the English Language Learner	Elective	
EDU 183	Technology in the ESL Classroom	Elective	
EDU 201	Effective Teacher	Elective	
EDU 202	Fundamentals of Reading Instruction I	EDU 211	
EDU 205	Principles of Teaching	Elective	
EDU 210	Behavior Management and Guidance Practices	SPE 347	
EDU 215	Education Field Experience II	EDU 151	
EDU 220	Internship	EDU 321, EDU 151	
EDU 240	Technology Integration in the Educational Setting	EDU 207	



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EDU 260	Independent Study – Education	Elective	
EDU 291	School Communication with Families	Elective	

**ENGINEERING**

EGR 101	Engineering Graphics	Elective	
EGR 102	Engineering Orientation	Elective	
EGR 213	Statics *	Elective	
EGR 214	Dynamics *	Elective	

\* EGR 213 or EGR 214 will be accepted toward the math major requirement or as a general elective for all other students.

**ENGLISH**

ENG 105	Research and Composition	WRI 100	WRI 1
ENG 106	College English II	Elective	WRI 2
	(Course completed prior to Fall 2016)		
ENG 106	College English II	Elective	WRI 2
	(Course completed Fall 2016 or later)		
ENG 106	Introduction to Literature	Elective	HUM
ENG 107	Writing in the Workplace	BUA 204	WRI 2
ENG 108	Creative Non-Fiction	ENG 235	WRI 2
ENG 111	Speech	THS 105	
ENG 154	Introduction to Women's Studies	GND 100	HUM
ENG 201	World Literature I	ENG 105	GS
ENG 202	World Literature II	ENG 245	GS
ENG 205	American Literature I	Elective	HUM
		(fulfills the literature requirement for PDE)	
ENG 206	American Literature II	Elective	HUM
		(fulfills the literature requirement for PDE)	
ENG 205	American Literature I <b>and</b>	ENG 120	HUM
ENG 206	American Literature II		
ENG 210	British Literature I	ENG 101	HUM
		(fulfills the literature requirement for PDE)	
ENG 211	British Literature II	ENG 102	HUM
		(fulfills the literature requirement for PDE)	
ENG 215	Introduction to Poetry	ENG 243	HUM
ENG 220	Introduction to Drama	ENG 244	HUM
ENG 225	Journalism	COM 150	WRI 2
ENG 227	Literature and Film	COM 244	HUM
ENG 230	Contemporary Fiction	Elective	HUM
ENG 232	Women's Literature	ENG 285	HUM
ENG 235	Creative Writing	ENG 104	ART
ENG 237	Science Fiction	Elective	HUM
ENG 238	Gothic and Horror Literature	Elective	HUM
ENG 241	Literary Magazine Practicum	Elective	HUM

**EXERCISE SCIENCE**

EXS 101	Introduction to Exercise	EXS 100	
EXS 102	Exercise Measurement and Prescription	Elective*	
EXS 103	Methods of Instruction & Personal Training	Elective*	

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EXS 104	Exercise for Special Populations	Elective*
EXS 105	Kinesiology	EXS 202
EXS 106	Exercise Physiology	Elective*
EXS 107	Care and Prevention of Athletic Injuries	EXS 203

\*Can be used as EXS Elective for Exercise Science major

**FRENCH**

FRN 105	College French I	Elective	GS
FRN 106	College French II	Elective	GS
FRN 205	College French III	Elective	GS
FRN 206	College French IV	Elective	GS

**GEORAPHIC INFORMATION SYSTEMS**

GIS 110	Fundamentals of Geographic Information System	CRJ 110
GIS 115	Concepts of Geographic Information System	Elective
GIS 120	Geographic Information Systems (GIS) in Homeland Security	Elective
GIS 125	Geographic Information Systems (GIS) in Law Enforcement	Elective
GIS 130	Geographic Information Systems (GIS) in Economic Development	Elective
GIS 210	Introduction to Spatial Analysis	CRJ 110
GIS 215	Advanced Applications in GIS	CRJ 210

**GEOGRAPHY**

GEO 110	World Geography	Elective	GS
GEO 115	World Regional Geography	Elective	GS
GEO 260	Independent Study – Geography	Elective	

**GERMAN**

GRM 101	Spoken German for Travelers	Elective	GS
GRM 105	College German I	Elective	GS
GRM 106	College German II	Elective	GS
GRM 205	College German III	Elective	GS
GRM 206	College German IV	Elective	GS

**HEALTH**

HPE 101	Personal and Community Health	Elective*
HPE 106	CPR for Professional Rescuers and First Aid	Elective*

\*Can be used as HLT Elective for Health Science majors

**HEALTH INFORMATION TECHNOLOGY**

HIT 110	Introduction to Health Information Science	Elective*
HIT 120	Medical Terminology	Elective*
HIT 130	Health Information in Alternate Settings	Elective*
HIT 140	Health Law	Elective*

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HIT 200	Health Information Processing	Elective*
HIT 210	Health Information Reporting	Elective*
HIT 220	Health Information Management Practicum	Elective*
HIT 230	Professional Practice Experience	Elective*
HIT 250	ICD-10_CM/PCS Coding and Classification System	Elective*
HIT 255	CPT and Other Classification Systems	Elective*
HIT 260	Advanced Coding Concepts	Elective*

\*Can be used as HLT Elective for Health Science majors

**HEALTH SCIENCE**

HCS 105	Exploration of Health Science Careers	HLT 101 and HLT 201
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**HISTORY**

HIS 123	United States to Reconstruction	HIS 121	HUM
HIS 124	United States Since Reconstruction	HIS 122	HUM
HIS 125	History of American Labor	Elective	HUM
HIS 126	History of Black America	HIS 232	HUM
HIS 130	Western Civilization I	HIS 107	HUM
HIS 131	Western Civilization II	HIS 108	HUM
HIS 220	Twentieth Century World History	Elective	HUM
HIS 222	Russia and the World	HIS 251	GS
HIS 224	World War II	Elective	HUM
HIS 225	United States History Since 1945	Elective	HUM
HIS 260	Independent Study – History	Reviewed Individually	

**HORTICULTURE**

HRT 118	Woody Plants in the Landscape	Elective
HRT 208	Plant Propagation	Elective
HRT 231	Entomology	Elective
HRT 236	Soil Science	Elective

**HOTEL/RESTAURANT MANAGEMENT**

HRM 105	Introduction to Hospitality Industry	Elective
HRM 110	Food Preparation Fundamentals I <b>and</b>	NTR 220
HRM 115	Food Preparation Fundamentals II	
HRM 120	Purchasing for the Hospitality Industry	Elective
HRM 130	Hospitality Facilities and Equipment	Elective
HRM 131	Applied Food Service	Elective
HRM 160	Hospitality Accounting	Elective
HRM 170	Hospitality Ethics	Elective
HRM 201	Event Planning and Catering	Elective
HRM 205	Dining Room Operations	Elective
HRM 208	Security and Risk Management	Elective
HRM 211	Rooms Division Management	Elective
HRM 225	Hotel, Restaurant, and Travel Law	Elective
HRM 230	Marketing for the Hospitality Industry	Elective
HRM 235	Hospitality Human Resource Management	Elective
HRM 250	Hospitality Management Internship	Elective

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<b><u>HUMAN SERVICES</u></b>			
HUS 110	Introduction to Human Services <b>and</b>	SWK 201	
HUS 120	Interviewing and Case Management		
HUS 115	Introduction to Drug and Alcohol Substance Abuse	Elective	
HUS 125	Introduction to Therapeutic Recreation	Elective	
HUS 150	Intellectual and Developmental Disabilities	Elective	
HUS 160	Introduction to Counseling Skills And Theories	Elective	
HUS 170	Systems and Processes	Elective	
HUS 210	Group Processes	Elective	
HUS 215	Professional Seminar	Elective	
HUS 220	Internship I	Elective	
HUS 230	Internship II	Elective	
HUS 240	Management of Human Services Agencies	Elective	
<b><u>INTERDISCIPLINARY STUDIES</u></b>			
IDS 105	Thinking, Problem Solving and Team Building	Elective	
IDS 154	Introduction to Women's Studies	PHI 141	HUM
IDS 214	Selected Topics in Ideas and Culture	Elective	HUM
IDS 215	Selected Topics in Ideas and Culture	Elective	HUM
<b><u>LOGISTICS TECHNOLOGIES</u></b>			
LOT 101, 105, 110, 115, 120, 125, 130		Elective	
<b><u>MATHEMATICS</u></b>			
MAT 105	Intermediate Algebra	Elective	ML
MAT 110	Business Mathematics	Elective	ML
MAT 118	Business and Financial Mathematics	Elective	ML
MAT 120	Survey of Mathematics	Elective	ML
MAT 121	Mathematics for Allied Health	Elective	ML
MAT 125	Fundamentals of Mathematics I	Elective	ML
MAT 126	Fundamentals of Mathematics II	MAT 202	ML
MAT 130	Industrial Mathematics	Elective	ML
MAT 150	Introduction to Probability and Statistics	MAT 110	ML
MAT 155	Finite Mathematics for Business and Social Science	MAT 105	ML
MAT 160	College Algebra	Elective	ML
MAT 165	College Trigonometry <b>or</b>	MAT 140	ML
MAT 170	Precalculus		
MAT 188	Business Calculus	Elective	ML
MAT 190	Calculus and Analytic Geometry I	MAT 141	ML
MAT 192	Discrete Math	MAT 252	ML
MAT 195	Calculus and Analytic Geometry II	MAT 142	ML

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MAT 200	Calculus and Analytic Geometry III	MAT 211	ML
MAT 205	Calculus and Analytic Geometry IV	MAT 212	ML
MAT 230	Differential Equations with Linear Algebra	MAT 313 (3 cr.)	ML

**MEDICAL ASSISTANT**

MED 101	Introduction to Medical Assisting	Elective*
MED 102	Medical Assisting I	Elective*
MED 104	Clinical Procedures I	Elective*
MED 201	Medical Assisting II	Elective*
MED 202	Medical Assisting III	Elective*
MED 203	Clinical Procedures II	Elective*
MED 205	Clinical Experience I and	Elective*
MED 206	Clinical Experience II	
MED 216	Medical Office Management	Elective*

\*Can be used as HLT Elective for all Health Science Majors

**MONTESSORI EARLY CHILDHOOD**

All courses transfer for elective credit

**MUSIC**

MUS 101	Introduction to Music	Elective	ART
MUS 105	Music After Mozart	Elective	ART
MUS 107	American Popular Music	Elective	ART
MUS 111	Choral Ensemble	Elective	ART

**NURSING**

Reviewed individually

**OCCUPATIONAL THERAPY ASSISTANT**

OTA 101	Introduction to Occupational Therapy	Elective*,**
OTA 103	Therapeutic Media	Elective*,**
OTA 110	Intervention in Occupational Therapy	Elective*,**
OTA 116	Principles of Treatment in Adult/ Geriatric Rehabilitation	Elective**
OTA 205	Medical Conditions	Elective*,**
OTA 211	Occupational Therapy in Mental Health	Elective*,**
OTA 217	Principles of Treatment in Adult/Pediatric Rehabilitation	Elective*,**
OTA 223	Therapeutic Adaptations/ Techniques in Occupational Therapy	Elective*,**
OTA 229	Supervision in Occupational Therapy	Elective*,**
OTA 240	Fieldwork Experience II (FWE II)	Elective**

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\*\*Can be used as HLT Elective for Health Science degrees

**PARALEGAL STUDIES**

PLG 115	Law Firm Experience	Elective
PLG 120	Introduction to Paralegal Studies	Elective
PLG 125	Workers' Compensation Practice For the Paralegal	Elective

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PLG 130	Social Security Disability Practice For the Paralegal	Elective	
PLG 150	Torts and Personal Injury Law <b>and</b>	Elective	
PLG 200	Civil Litigation and Procedures		
PLG 215	Law Office Management	Elective	
PLG 220	Contract Law and Business Org.	Elective	
PLG 227	Criminal Law and Procedures for Paralegals	Elective	
PLG 228	Immigration Law for Paralegals	Elective	
PLG 230	Estates and Trusts	Elective	
PLG 235	Family Law	Elective	
PLG 240	Bankruptcy Law	Elective	
PLG 245	Legal Research and Writing	Elective	
PLG 250	Legal Internship	Reviewed Individually	
PLG 255	Legal Writing	Elective	

**PHILOSOPHY**

PHI 201	Introduction to Philosophy	PHI 100	HUM
PHI 202	Contemporary Philosophy	Elective	HUM
PHI 203	Introductory Logic	PHI 131	ML
PHI 205	Introduction to Ethics	PHI 200	HUM
PHI 210	Comparative Religion	REL 120	GS
PHI 260	Independent Study – Philosophy	Reviewed Individually	

**PHYSICAL EDUCATION**

All Courses Accepted for Elective Credit: Maximum 4 Credits

**PHYSICAL THERAPIST ASSISTANT**

PTA 101	Introduction to Physical Therapy	Elective*,**	
PTA 102	Applied Kinesiology	EXS 202	
PTA 103	Physical Therapy Procedures	Elective*,**	
PTA 200	Selected Topics in Physical Therapy	Elective*,**	
PTA 201	Medical-Surgical Orientation to	Elective*,**	
PTA 202	Clinical Practice I	Elective*,**	
PTA 203	Physical Therapy Procedures II	Elective*,**	
PTA 205	Therapeutic Exercise	Elective*,**	
PTA 206	Rehabilitation	Elective*,**	
PTA 208	Clinical Practice II	Elective*,**	

\*Can be used as EXS Elective for Exercise Science major

\*\*Can be used as HLT Elective for all Health Science Majors

**PHYSICS**

PHY 101	Conceptual Physics	PHY 103	SCI
PHY 103	Fundamentals of Physics	PHY 103	SCI
PHY 110	Elements of Physics	Elective	SCI*
PHY 201	Introduction to Physics I	Elective	SCI**
PHY 202	Introduction to Physics II	Elective	SCI**
PHY 210	General Physics I	PHY 104	SCI
PHY 215	General Physics II	PHY 105	SCI

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PHY 250	Selected Topics in the Natural Sciences	Reviewed Individually
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PHY 251	Selected Topics in the Natural Sciences	Reviewed Individually
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\*Can be used as PHY 103 for a non-science major

\*\*Can be used for the physics requirement for the General Science major

**POLITICAL SCIENCE**

PSC 130	Introduction to Political Science	Elective	SS
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PSC 141	American Federal Government (Prev 230)	PSC 202	SS
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PSC 142	State and Local Government (Prev 231)	PSC 202	SS
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PSC 233	Introduction to Public Administration	Elective	SS
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PSC 235	Constitutional Law	PSC 218	SS
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PSC 236	American Civil Liberties	PSC 218	SS
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PSC 237	International Relations	PSC 211	GS
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PSC 239	U.S. Foreign Policy	Elective	SS
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PSC 260	Independent Study – Political Science	Reviewed Individually	
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**PSYCHOLOGY**

PSY 105	Psychology as a Major	PSY 217	
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PSY 106	Writing in APA Style	SPS 170	
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PSY 120	Psychology of Human Sexuality	Elective	
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PSY 140	Introduction to Psychology	PSY 100	SS
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PSY 142	Industrial Psychology	PSY 301	SS
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PSY 145	Human Growth and Development –	PSY 210	SS
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PSY 240	Educational Psychology	PSY 102/EDU 102	
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PSY 241	Psychology of Human Adjustment	PSY 235	SS
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PSY 242	Child Development	PSY Elective	
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(fulfills PSY requirement for elementary education)

PSY 243	Abnormal Psychology	PSY 309	
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PSY 245	Psychology of Aging	PSY Elective	SS
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PSY 250	Cognitive Psychology	PSY 337	
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PSY 255	Introduction to Statistical Analysis	PSY 212 or PSY 214	
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PSY 256	Research Methods in Psychology	PSY 211 or PSY 213	
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PSY 257	Volunteers in Community Service	Elective	
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PSY 260	Independent Study – Psychology	Reviewed Individually	
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PSY 283	Introduction to Social Psychology	PSY 231	SS
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**PUBLIC ORGANIZATION LEADERSHIP**

LPO 201	Diversity in Public Organization Leadership	Elective	
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LPO 205	Public Personnel Management	Elective	
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LPO 208	Public Organization Budgeting	Elective	
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LPO 210	Essentials of Grant Funding	Elective	
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LPO 215	Public Labor Administration and Negotiations	Elective	
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LPO 217	Legal Aspects of Public Organizations	Elective	
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LPO 220	Research Methods for Public Organization and Leadership	Elective	
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<b>LCCC</b>		<b>CEDAR CREST COLLEGE</b>	
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<b><u>REAL ESTATE</u></b>			
RES 101	Real Estate Fundamentals <b>and</b>	Elective	
RES 102	Real Estate Practice <b>or</b>		
RES 110	Real Estate Law	Elective	
<b><u>RELIGION</u></b>			
REL 201	Comparative Religion	REL 120	GS
<b><u>SCIENCE</u></b>			
SCI 105	Integrated Science	Elective	SCI
<b><u>SOCIOLOGY</u></b>			
SOC 150	Introduction to Sociology	SOC 100	SS
SOC 151	Modern Social Problems (fulfills the sociology requirement for nursing)	Elective	SS
SOC 154	Introduction to Women's Studies	PHI 141	
SOC 155	Mass Culture	Elective	SS
SOC 250	Criminology	CRJ 106	SS
SOC 251	The Family	SOC 321	SS
SOC 253	Diversity and Inequality	Elective	SS
SOC 254	Sociology of Aging	Elective	
SOC 257	Volunteers in Community Service	Elective	SS
SOC 258	Cultural Anthropology	ANT 101	SS
SOC 260	Independent Study – Sociology	Reviewed Individually	
SOC 283	Introduction to Social Psychology	SOC 252	SS
<b><u>SPANISH</u></b>			
SPN 101	Practical Spanish for the Workplace	Elective (100-Level)	
SPN 105	Elementary Spanish I	SPA 101	GS
SPN 106	Elementary Spanish II	SPA 102	GS
SPN 124	Spanish for Spanish Speakers I	Elective (100-Level)	
SPN 125	Spanish for Spanish Speakers II	Elective	
SPN 205	Intermediate Spanish I	SPA 201	GS
SPN 206	Intermediate Spanish II	SPA 201	GS
SPN 224	Advanced Spanish for Spanish Speakers I	Elective	
SPN 225	Advanced Spanish for Spanish Speakers II	Elective	
<b><u>SPECIAL EDUCATION</u></b>			
SED 110	Accommodating Children with Exceptionalities in the Classroom	SPE 250	
SED 114	Special Education Field Experience I	Elective	
SED 115	Foundations of Special Education	SPE 242	
SED 200	Instructional Strategies for Children with Exceptionalities	SPE 220	
SED 205	Assistive Technology for Children With Exceptionalitie	SPE 344	
SED 210	The Paraeducator Professional	Elective	



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SED 220 Paraprofessional Practicum

SPE 245

**SPORT MANAGEMENT**

SPM 101 Introduction to Sport Management

Elective\*,\*\*

SPM 102 Sport History and Philosophy

Elective\*,\*\*

SPM 103 Science and Wellness

Elective\*\*

\*Can be used as EXS Elective for Exercise Science major only

\*\*Can be used as HLT Elective for all Health Science Majors

**STUDENT DEVELOPMENT SERVICES**

SDS 102 Honors Scholars Experience

Elective

SDS 104 Major Decisions

Elective

**VETERINARY TECHNICIAN**

VET 101 Veterinary Anatomy and Physiology

Elective

SCI

VET 110 Introduction to Veterinary Technology

Elective

SCI

VET 115 Animal Management and Nutrition

Elective

SCI

VET 120 Veterinary Parasitology

Elective

SCI

VET 125 Veterinary Clinical Laboratory

Elective

SCI

Techniques

VET 210 Large Animal Clinical Procedures

Elective

SCI

VET 215 Animal Disease

VET 218 Veterinary Pharmacology and

Elective

SCI

Anesthesia

VET 220 Small Animal Clinical Procedures

Elective

SCI

VET 225 Veterinary Radiology and Surgical

Elective

SCI

Nursing

VET 228 Lab Animal Science and Exotics

Elective

SCI

VET 230 Veterinary Technician Externship

Reviewed Individually

LCCC

CEDAR CREST COLLEGE

Dept./No. & Course Title

Dept.No.

Liberal Arts  
Requirements

**What are the Cedar Crest College Liberal Arts Education Requirements?**

The Liberal Arts Education Requirements are designed to ensure that students receive a well-rounded liberal arts education.

There are eight parts to the Liberal Arts Education Requirements:

1. Writing— two credit-bearing classes
  - a. WRI-100 College Writing (WRI-1)
  - b. Writing II course (WRI 2)
2. Arts (ART) – Two credit-bearing experiences (6 cr) (at least one of which is a classroom experience)
3. Math and Logic (ML) (6cr)— two credit-bearing, college-level math courses
4. Ethics (ETH) – one credit-bearing class (3 cr)
5. Natural Science (SCI) – two credit-bearing classes, one of which must be a lab course (7-8 cr)
6. Humanities: (HUM) – two 3-credit bearing classes from two separate disciplines
7. Social Science: (SS) - two 3-credit bearing classes from two separate disciplines
8. Global Studies: (GS) (3 cr) one 3-credit bearing class

Please note: With the exception of WRI 2, no course can fulfill multiple categories. Also, a student may not use courses from the same discipline to satisfy credit requirements across the content areas of the Arts, Humanities, and Social Sciences.