

**HARRISBURG AREA COMMUNITY COLLEGE
CEDAR CREST COLLEGE
COURSE EQUIVALENT LIST**

HARRISBURG AREA COMMUNITY COLLEGE		CEDAR CREST COLLEGE	
<u>Dept./No. & Course Title</u>		<u>Dept. No.</u>	<u>Liberal Arts Requirements</u>
<u>ACCOUNTING</u>			
ACCT 101	Principles of Accounting I and	ACC 101	
ACCT 200	Principles of Accounting II		
ACCT 201	Intermediate Accounting I and	ACC 309	
ACCT 202	Intermediate Accounting II		
ACCT 203	Income Tax Accounting	Elective	
ACCT 204	Managerial Cost Accounting	ACC 203	
ACCT 205	Auditing	Elective	
ACCT 207	Government and Not-for-Profit Accounting	Elective	
ACCT 208	Professional Bookkeeping	Elective	
ACCT 215	Microcomputer Accounting Applications	Elective	
ACCT 275	Accounting Capstone	Elective	
<u>ADMIN OFFICE SPECIALIST</u>			
AOS 100	Keyboarding	Elective	
AOS 101	Document Processing	Elective	
AOS 110	Microsoft Word	Elective	
AOS 111	Grammar and Punctuation Essentials	Elective	
AOS 160	Office Accounting	Elective	
AOS 202	Project Management	Elective	
AOS 203	Records and Imaging Management	Elective	
AOS 210	Cooperative Work Experience	Elective	
AOS 224	Office Applications	Elective	
AOS 225	Office Procedures	Elective	
AOS 226	Office Transcription	Elective	
<u>ALLIED HEALTH</u>			
AH 140	Introduction to Allied Health	Elective*	
AH 150	Introduction to Human Illness and Disease	Elective*	
AH 210	Health Care Law and Ethics	Elective*	
AH 213	Introduction to Medical Insurance	Elective*	
*Can be used as HLT elective for Health Science degrees.			
<u>ANTHROPOLOGY</u>			
ANTH 101	Introduction to Anthropology	Elective	SS
ANTH 201	Social Anthropology	ANT 100	SS
ANTH 205	Cultures of the World	Elective	SS
ANTH 210	North American Indian Cultures	Elective	SS
ANTH 215	Physical Anthropology	Elective	SS
ANTH 220	Introduction to Archeology	Elective	SS
<u>ARABIC</u>			
ARAB 101	Elementary Arabic I	Elective	GS

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ARAB 102 Elementary Arabic II

Elective

GS

ARCHITECTURE

ARCH 121 History of Architecture

Elective

ARCH 221 History of Architecture II

Elective

ART

ART 102 Silkscreen Printing

ART 111

ART

ART 103 Art Education

Elective

ART 105 Fundamentals of Two-Dimensional Design

ART 110

ART

ART 106 Printmaking

ART 111

ART

ART 107 Fundamentals of Three-Dimensional Design

ART 127

ART

ART 108 Fundamentals of Computer Art

ART 238*

ART

ART 109 Computer Graphics

Elective*

ART 114 Interactive Media and Design

Elective*

ART 115 Beginning Digital Photography

COM 225

ART

ART 116 Silver Gelatin Photography

Elective

ART 117 Photoshop for Photographers

Elective*

ART 121 Drawing I

ART 101

ART

ART 122 Drawing II

ART 201

ART

ART 123 Illustration

ART 113

ART

ART 125 Visual Thinking

Elective

ART 131 Painting I

ART 123

ART

ART 132 Painting II

ART 223

ART

ART 133 Introduction to Mac

Elective

ART 140 Web Design

Elective*

ART 143 Typography

Elective

ART 144 Graphic Design I ART 238*

ART

ART 145 Graphic Design II

Elective*

ART 146 Graphic Design III

Elective*

ART 147 Portfolio Development

Elective

ART 148 Graphic Design Internship

Elective**

ART 148A Graphic Design Internship

Elective**

ART 148B Graphic Design Internship

Elective**

ART 149 Design Practice

Elective**

ART 151 Ceramics I

ART 131

ART

ART 152 Ceramics II

ART 231

ART

ART 171 Jewelry and Metal Design I

ART 125

ART

ART 172 Jewelry and Metal Design II

ART 225

ART

ART 174 QuarkXPress Essentials

Elective*

ART 175 Adobe Illustrator Essentials

ART 238*

ART

ART 176 Digital Photo Imaging

Elective*

ART 177 Production Methods in Jewelry

Elective

ART 181 Art Through the Ages I (Cave to 1300)

ART 105

ART

ART 182 Art Through the Ages II (1300 to 20th
Century)

ART 106

ART

ART 183 Modern Art

ART 200

ART

ART 184 The Art of the Cinema

COM 140

HUM

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Requirements**

ART 185	The History of the Cinema	COM 240	HUM
ART 186	History and Aesthetics of Photography	Elective*	
ART 187	Women and Art	ART 220	ART
ART 190	History of Graphic Design	Elective*	
ART 191	Glass	Elective	
ART 192	Art of Asia	Elective	
ART 194	Italian Renaissance Art and Architecture	Elective	
ART 201	Color Photography	Elective*	
ART 202	Materials and Processes of Photography	Elective*	
ART 205	Color Digital Photography	Elective*	
ART 206	Studio Photography	Elective*	
ART 208	Advanced Digital Photography	COM 325	
ART 209	Photography Seminar	Elective*	
ART 210	Contemporary Crafts: Production and Marketing I	Elective	
ART 211	Contemporary Crafts: Production and Marketing II	Elective	
ART 212	Contemporary Crafts: Design and Production	Elective	
ART 214	Advanced Glass	Elective	
ART 216A	Advanced Crafts: Glass	Elective	
ART 216B	Advanced Crafts: Ceramics	ART 231	ART
ART 217A	Advanced Studio Problems I	Elective	
ART 217B	Advanced Studio Problems II	Elective	
ART 217C	Advanced Studio Problems III	Elective	
ART 220	Color & Design	ART 110	ART

*Can be used as NM elective for New Media degree

**Can be reviewed individually for NM elective credit

ASTRONOMY

ASTR 103	Introduction to Planetary Astronomy	GSC 103	SCI
ASTR 104	Introduction to Stellar Astronomy	Elective	SCI

BAKING

BAKE 101	Baking I	Elective	
BAKE 103	Baking II	Elective	
BAKE 111	Pastry Arts I	Elective	
BAKE 113	Pastry Arts II	Elective	
BAKE 291	Baking and Pastry Arts Internship	Elective	

BANKING

BANK 101	AIB Principles of Banking	Elective	
BANK 103	AIB Law and Banking: Applications	Elective	
BANK 105	AIB Law and Banking: Principles	Elective	
BANK 107	AIB Marketing Financial Services	Elective	
BANK 133	AIB Consumer Lending	Elective	

HARRISBURG AREA COMMUNITY COLLEGE**CEDAR CREST COLLEGE****Dept./No. & Course Title****Dept. No.****Liberal Arts
Requirements****BIOLOGY**

BIOL 100	Basic Microbiology	Elective	SCI
BIOL 101	General Biology I	BIO 123	SCI
BIOL 102	General Biology II	Elective	SCI
BIOL 103	Environmental Science	BIO 111	SCI
BIOL 103H	Honors Environmental Science	BIO 111	SCI
BIOL 105	Medical Terminology	Elective	
BIOL 108	Introduction to Biological Science	Elective	SCI
BIOL 111	Introduction to Human Biology	BIO 112	SCI
BIOL 121	Anatomy and Physiology I	BIO 117/217	SCI
BIOL 122	Anatomy and Physiology II	BIO 118/218	SCI
BIOL 130	Field Biology	Elective	SCI
BIOL 201	Invertebrate Zoology	Elective	SCI
BIOL 202	Vertebrate Zoology	Elective	SCI
BIOL 206	Ecology	Elective	SCI
BIOL 210	The Ecology of Barrier Islands	Elective	SCI
BIOL 212	Botany	BIO 207	SCI
BIOL 215	Introduction to Genetics	BIO 231	SCI
BIOL 221	Microbiology	BIO 127	SCI
BIOL 225	Human Biology	Elective	SCI
BIOL 230	Physiological Pathology	Elective	SCI
BIOL 245	Head/Neck Anatomy and Histology	Elective	SCI
BIOL 250	Tropical Ecology of the Bahamas	Elective	SCI

BIOTECHNOLOGY

BTC 101	Overview of Biotechnology	Elective	SCI
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BUSINESS

BUSI 101	Introduction to Business	BUA 110	
BUSI 150	Introduction to Agribusiness	Elective	
BUSI 201	Business Law I and	BUS 221	
BUSI 202	Business Law II		
BUSI 209	Legal Environment of Business	Elective	
BUSI 211	Agricultural Law	Elective	
BUSI 227	Principles of Agricultural Economics	Elective	
BUSI 230	Introduction to International Business	BUA 240	
BUSI 245	Business Ethics	Elective	
BUSI 250	Management of Food Systems	Elective	
BUSI 291	Business Studies Internship	Elective	

CARDIOVASCULAR TECHNOLOGY

CVT 100	Foundations of Cardiovascular Medicine	Elective	
CVT 101	Introduction to Cardiovascular Technology	Elective	
CVT 102	Cardiovascular Technology Laboratory	Elective	

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Requirements**

CVT 103	Cardiovascular Technology Clinical Experience	Elective
CVT 200	Cardiac Pathophysiology	Elective
CVT 210	Introduction to Invasive Cardiovascular Technology	Elective
CVT 211	Radiation Safety and Invasive Instrumentation	Elective
CVT 212	Invasive Hemodynamic Assessment	Elective
CVT 213	Invasive Instrumentation Laboratory	Elective
CVT 214	Interventional Cardiac Practices	Elective
CVT 215	Invasive Cardiovascular Clinical I	HLT 270
CVT 216	Congenital Heart Disease	Elective
CVT 217	Invasive Cardiovascular Clinical II	HLT 270
CVT 218	Cardiovascular Pharmacology	Elective
CVT 219	Introduction to Ultrasound Imaging Systems	Elective
CVT 220	Introduction to Cardiac Sonography	Elective
CVT 222	Cardiac Sonography Physics and Instrumentation	Elective
CVT 223	Concepts in Cardiac Physiological Assessment	Elective
CVT 224	Cardiac Sonography Clinical I	Elective
CVT 226	Doppler Physics and Cardiac Hemodynamics	Elective
CVT 228	Cardiac Sonography Clinical II	Elective
CVT 230	Intro to Pediatric Echo	Elective

CHEMISTRY

CHEM 100	Principles of Chemistry	Elective	SCI
CHEM 101	General Inorganic Chemistry I	CHE 111	SCI
CHEM 102	General Inorganic Chemistry II and Qualitative Analysis	CHE 112	SCI
CHEM 113	Chemistry for the Nonscientist	Elective	SCI
CHEM 203	Organic Chemistry I	CHE 205	SCI
CHEM 204	Organic Chemistry II	CHE 206	SCI
CHEM 205	Survey of Organic Chemistry	CHE 203	SCI
CHEM 293	Independent Study – Topics in Chemistry	Reviewed Individually	

CHINESE

CHIN 101	Elementary Chinese I	Elective	GS
CHIN 102	Elementary Chinese II	Elective	GS

COMMUNICATIONS

COMM 101	Effective Speaking	THS 105	
COMM 101H	Honors Effective Speaking	THS 105	
COMM 110	Introduction to Communication	COM 100	SS
COMM 120	Mass Media and Society	Elective*	

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Requirements**

COMM 171	Workshop in News Writing and Reporting	Reviewed individually	
COMM 172	Workshop in News Writing and Reporting	Reviewed individually	
COMM 201	Communication Theory	COM 200	SS
COMM 202	Organizational Communication	COM 215	SS
COMM 203	Interpersonal Communication	COM 210	SS
COMM 211	Public Relations	COM 216	SS
COMM 221	Media Writing	Elective**	
COMM 222	News Writing and Reporting	COM 150	WR12
COMM 241	Visual Communication	Elective**	
COMM 251	Small Group Communication	Elective*	
COMM 252	Business and Professional Communication	Elective	
COMM 253	Intercultural Communication	COM 212	SS
COMM 253H	Honors Intercultural Communication	COM 212	SS
COMM 261	Public Relations Writing	Elective*	
COMM 271	Workshop in News Writing and Reporting	Reviewed individually	
COMM 272	Workshop in News Writing and Reporting	Reviewed individually	
COMM 290	Communication Capstone	Reviewed individually	

*Can be used as MS elective for Media Studies degree

** Can be used as NM elective for New Media degree

COMPUTER INFORMATION SECURITY

CISE 200	Information Security Fundamentals	Elective
CISE 210	Information Security Administration	Elective

COMPUTER INFORMATION SYSTEMS

CIS 100	Computer Fundamentals	Elective
CIS 105	Introduction to Software for Business	Elective
CIS 105H	Honors Introduction to Software for Business	Elective
CIS 109	Integrating Technology into the K-12 Classroom	Elective
CIS 110	Introduction to Computer Systems	Elective
CIS 127	Microsoft Windows Operating Systems	Elective
CIS 129	Operating Systems for Technicians	Elective
CIS 135	Intermediate Spreadsheet Applications	Elective
CIS 140	Intermediate Database Management	Elective
CIS 145	Using Mobile Technologies	Elective
CIS 222	Introduction to Windows Servers	Elective
CIS 223	Intermediate Windows Servers	Elective
CIS 224	Introduction to Systems Analysis and Design	Elective
CIS 226	Novell NetWare Administration	Elective
CIS 232	Introduction to COBOL Programming	Elective
CIS 238	Visual Basic Programming for Business Applications	Elective
CIS 240	Advanced Database Management	Elective

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CIS 241	Database Administration I	Elective
CIS 243	Database Administration II	Elective
CIS 245	Database Programming	Elective
CIS 247	Database Backup and Recovery	Elective
CIS 249	Fundamentals of the UNIX Operating System	Elective
CIS 253	Linux Development	Elective
CIS 257	Data Warehousing	Elective
CIS 258	Data Mining	Elective
CIS 264	Fundamentals of LINUX Administration	Elective
CIS 265	Fundamentals of UNIX Administration	Elective
CIS 278	Business Intelligence and Database Analyst Capstone	Elective

COMPUTER NETWORKING TECHNOLOGY

CNT 120	Network Communications Technology I	Elective
CNT 125	Network Communications Technology II	Elective
CNT 140	The Physical Network	Elective
CNT 220	Internetworking	Elective
CNT 230	Telecommunications and IP Telephony	Elective
CNT 240	Cisco Routing & Switching	Elective
CNT 250	Virtualization and Cloud Computing	Elective
CNT 260	Wireless Network Administration	Elective
CNT 282B	Special Topics of IP Networking	Elective
CNT 291	Cooperative Work Experience	Elective

COMPUTER SCIENCE

CPS 113	BASIC Programming Using Microcomputers	Elective	
CPS 115	Visual Basic Programming I	Elective	
CPS 121	JAVA Programming	Elective	
CPS 135	C Programming	Elective	ML
CPS 161	Computer Science I	Elective	
CPS 162	Computer Science II	Elective	
CPS 230	Object Oriented Programming	Elective	

CRIMINAL JUSTICE

CJ 101	Introduction to Criminal Justice	CRJ 101	
CJ 104	Police Operations	Elective	
CJ 106	Introduction to Corrections	CRJ 306	
CJ 108	Criminology	CRJ 106	SS
CJ 201	Criminal Investigation	Elective	
CJ 203	Criminal Evidence	Elective	
CJ 206	Criminalistics	FSC 101 (theory only)	SCI
CJ 208	Intermediate Criminalistics	Elective	
CJ 210	Probation and Parole	Elective	
CJ 211	Juvenile Justice	CRJ 301	

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CJ 212	Criminal Law and Procedure	Elective
CJ 215	Criminal Justice Organization and Administration	Elective
CJ 240	Ethics and Diverse Cultures	CRJ 211
CJ 243	International and Domestic Terrorism	Elective
CJ 245	Criminal Justice Study Abroad in London	Elective
CJ 251	Criminal Justice Internship	CRJ 321

CULINARY

CULI 100	The World of Wine	Elective
CULI 102	Applied Hospitality Math	Elective
CULI 106	Professional Bartending	Elective
CULI 113	Sanitation and Safety	Elective
CULI 123	Catering: Principles, Garnishing, and Hors D'oeuvre	Elective
CULI 133	Culinary Arts I	Elective
CULI 143	Culinary Arts II	Elective
CULI 153	Culinary Arts III	Elective
CULI 205	Restaurant Operations I	Elective
CULI 206	Restaurant Operations II	Elective
CULI 207	Restaurant Operations III: Culinary	Elective
CULI 209	International Culinary Tour: Italy	Elective
CULI 210	International Culinary Tour: Spain	Elective
CULI 211	International Culinary Tour: France	Elective
CULI 221	Basic Foods: Preparation and Production	Elective
CULI 291	Culinary Arts Internship	Elective

DENTAL ASSISTING

DA 170	Dental Assisting Pre-Clinic	Elective*
DA 171	Dental Assisting I	Elective*
DA 172	Dental Materials	Elective*
DA 173	Dental Radiology I	Elective*
DA 175	Oral Anatomy	Elective*
DA 177	Dental Science	Elective*
DA 178	Dental Clinical Experience	Elective*
DA 180	Dental Office Practice	Elective*
DA 181	Preventive Dentistry	Elective*
DA 252	Expanded Functions I	Elective*
DA 253	Expanded Functions II	Elective*

*Can be used as HLT elective for Health Science degrees

DENTAL HYGIENE

DH 100	Introduction to Dentistry	Elective*
DH 101	Dental Hygiene Theory and Clinical Experience I	Elective*
DH 110	Dental Radiology I	Elective*

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DH 111	Dental Radiology II	Elective*
DH 112	Dental Hygiene Theory II	Elective*
DH 113	Clinical Experience II	Elective*
DH 120	Dental Anatomy	Elective*
DH 121	Periodontics	Elective*
DH 130	Medical/Dental Emergencies	Elective*
DH 150	Dental Materials	Elective*
DH 160	Extended Clinical Techniques and Remediation	Elective*
DH 161	Clinical Techniques and Remediation	Elective*
DH 170	Techniques in Pain Management	Elective*
DH 211	Dental Hygiene Theory III	Elective*
DH 212	Clinical Experience III	Elective*
DH 221	Periodontics II	Elective*
DH 223	Dental Hygiene Theory IV	Elective*
DH 224	Clinical Experience IV	Elective*
DH 230	Oral Pathology	Elective*
DH 233	Community Dental Health I	Elective*
DH 234	Community Dental Health II	Elective*
DH 240	Pharmacology	Elective*
DH 251	DH Expanded Functions I	Elective*
DH 252	DH Expanded Functions II	Elective*

*Can be used as HLT elective for Health Science degrees

DIAGNOSTIC MEDICAL SONOGRAPHY

DMS 105	Introduction to Health Care	Elective*
DMS 110	Introduction to Diagnostic Medical Sonography	Elective*
DMS 115	Clinical Experience I	Elective*
DMS 120	Diagnostic Medical Sonography Lab I	Elective*
DMS 125	Clinical Experience II	Elective*
DMS 130	Abdominal Sonography I	Elective*
DMS 140	Diagnostic Medical Sonography Lab II	Elective*
DMS 150	OB/GYN Sonography I	Elective*
DMS 170	Acoustical Principles I	Elective*
DMS 180	High Resolution Imaging	Elective*
DMS 210	Introduction to Vascular Sonography	Elective*
DMS 215	Clinical Experience III	Elective*
DMS 220	Diagnostic Medical Sonography Lab III	Elective*
DMS 225	Clinical Experience IV	Elective*
DMS 230	Abdominal Sonography II	Elective*
DMS 250	OB/GYN Sonography II	Elective*
DMS 270	Acoustical Principles II	Elective*
DMS 274	Diagnostic Medical Sonography Topics	Elective*

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

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Requirements**

EMS 240	Introduction to Emergency Medical	Elective*
EMS 241	E Services Emergency Medical Services: Externship	Elective*
EMS 243	Advanced Life Support Special Topics	Elective*
EMS 244	Advanced Life Support Special Topics Hospital Experience	Elective*
EMS 245	ALS Field Summative Evaluation	Elective*
EMS 250	Prehospital RN	Elective*

*Can be used as elective credit for HLT majors

ENGLISH

ENGL 101	English Composition I	Elective	
ENGL 101H	Honors English Composition I	Elective	
ENGL 102	English Composition II	WRI 100	WRI-1
ENGL 102H	Honors English Composition II	Elective	WRI-1
ENGL 104	Technical Writing	Elective	
ENGL 106	Business Writing	Elective	
ENGL 107	Creative Writing I	Elective	ART
ENGL 108	Creative Writing II	Elective	ART
ENGL 201	Major English Writers I	ENG 101	HUM
ENGL 202	Major English Writers II	ENG 102	HUM
ENGL 203	Major American Writers I	Elective	HUM
ENGL 204	Major American Writers II	Elective	HUM
ENGL 205	World Literature I	ENG 105	GS
ENGL 206	World Literature II	ENG 145	GS
ENGL 207	Introduction to Literature	Elective	HUM
ENGL 207H	Honors Introduction to Literature	Elective	HUM
ENGL 217	African American Literature	ENG 223	HUM
ENGL 246	Shakespeare	Elective	HUM
ENGL 247	English Arthurian Literature	ENG 225	HUM
ENGL 265	Women Writers	Elective	HUM
ENGL 267	Banned Books	Elective	HUM
ENGL 269	Native American Literature	ENG 223	HUM
ENGL 275	Science Fiction	Elective	HUM
ENGL 278	American Short Story	ENG 242	HUM
ENGL 279	The Modern Novella	Elective	HUM

ENTREPRENEURSHIP

ENTR 101	Introduction to Entrepreneurship	Elective
ENTR 103	Product Management for the Entrepreneur	Elective
ENTR 203	Finance and Accounting for the Entrepreneur	Elective

ENVIRONMENTAL SCIENCE

ENVS 201	Introduction to Environmental Science	ENS 101	SCI
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ENVIRONMENTAL SPECIALIST

ENSP 100A	Environmental Seminar	Reviewed Individually
ENSP 100B	Environmental Seminar	Reviewed Individually
ENSP 100C	Environmental Seminar	Reviewed Individually
ENSP 100D	Environmental Seminar	Reviewed Individually

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Requirements**

ENSP 200	Quantitative Field Methods	Elective	SCI
ENSP 205	Environmental Lab Methods	Elective	SCI
ENSP 230	Pollution Prevention and Waste Management	Elective	SCI
ENSP 235	Environmental Systems and Sustainability	Elective	SCI
ENSP 260A	Environmental Internship	Reviewed Individually	
ENSP 260B	Environmental Internship	Reviewed Individually	

EXERCISE SCIENCE

EXSC102	Introduction to the Exercise Sciences	EXS 100
EXSC104	Exercise Measurement and Prescription	Elective*
EXSC150	Exercise for Special Populations	Elective*
EXSC 202	Functional Anatomy and Exercise Physiology	EXS 202
EXSC 203	Exercise Testing and Measurement	Elective*
EXSC 204	Exercise Physiology	EXS 200
EXSC 206	Exercise Prescription	Elective*
EXSC 208	Methods of Instruction and Personal Training	Elective*

*Can be used as elective credit for EXS major.

FINANCE

FIN 100	Personal Money Management	Elective
FIN 201	Principles of Finance	Elective

FOUNDATIONAL STUDIES

FS 125	Becoming a Master Student	Elective
FS 130	Promoting Academic Success	Elective

FRENCH

FRCH 101	Elementary French I	Elective	GS
FRCH 102	Elementary French II	Elective	GS
FRCH 201	Intermediate French I	Elective	GS
FRCH 202	Intermediate French II	Elective	GS

GEOGRAPHIC INFORMATION SYSTEMS

GIS 141	Introduction to Geographic Information Systems (GIS)	CRJ 110
GIS 141H	Honors Introduction to Geographic Information Systems	CRJ 110
GIS 151	Cartographic Design for GIS	Elective
GIS 163	Advanced Geographic Information Systems	Elective

GEOGRAPHY

GEOG 101	Physical Geography	Elective	GS
GEOG 201	World Geography	Elective	GS
GEOG 230	Introduction to Human Geography	Elective	GS

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Requirements****GEOLOGY**

GEOL 101	Physical Geology	Elective	SCI
GEOL 101H	Honors Physical Geology	Elective	SCI
GEOL 102	Historical Geology	Elective	SCI
GEOL 201	Environmental Geology	Elective	SCI

GERMAN

GRMN 101	Elementary German I	Elective	GS
GRMN 102	Elementary German II	Elective	GS
GRMN 201	Intermediate German I	Elective	GS
GRMN 202	Intermediate German II	Elective	GS

GERONTOLOGY

GERT 100	Introduction to Gerontology	Elective	
GERT 101	Introduction to Gerontology–Social Services	Elective	
GERT 102	Introduction to Gerontology-Allied Health	Elective	
GERT 103	Introduction to Gerontology- Psychosocial Issues and	SWK 243	SS
GERT 201	Social Aspects Aging		
GERT 104	Introduction to Gerontology-Service Learning	Elective	
GERT 105	Careers in Gerontology	Elective	
GERT 200	Law, Ethics, and Aging	Elective	SS
GERT 210	Fitness and Health Promotion for the Older Adult	HLT 100	SS
GERT 211	Women and Aging	Elective	SS
GERT 215	Aging around the World	Elective	SS
GERT 225	Long Term Care Leadership and Management	Elective	SS
GERT 232	Death and Dying	REL 220	SS

GOVERNMENT AND POLITICS

GP 201	Introduction to American Government	PSC 110	
GP 202	The Politics of States and Cities	Elective	
GP 205	International Relations	PSC 120	GS
GP 208	Comparative Politics	PSC 206	GS

GREEN TECHNOLOGIES

GREN 101	Introduction to Alternative Energy	Elective	SCI
GREN 102	Alternative Energy Economics	Elective	SCI
GREN 105	Photovoltaic Energy and Systems I	Elective	SCI
GREN 110	Wind Energy and Systems I	Elective	SCI
GREN 115	Geothermal Energy and Systems I	Elective	SCI
GREN 125	Distributed Generation and Storage I	Elective	SCI
GREN 200	Introduction to Energy Analysis	Elective	SCI
GREN 205	Photovoltaic Energy and Systems II	Elective	SCI
GREN 210	Wind Energy and Systems II	Elective	SCI
GREN 215	Geothermal Energy and Systems II	Elective	SCI

HARRISBURG AREA COMMUNITY COLLEGE**CEDAR CREST COLLEGE****Dept./No. & Course Title****Dept. No.****Liberal Arts
Requirements****HEALTH**

HLTH 101 Healthful Living Elective*
 *Can be used as HLT elective for Health Science major

HISTORY

HIST 101	World History I	Elective	GS
HIST 101H	Honors World History I	Elective	GS
HIST 102	World History II	Elective	GS
HIST 103	History of the United States I	HIS 121	HUM
HIST 103H	Honors United States History I	HIS 121	HUM
HIST 104	History of the United States II	HIS 122	HUM
HIST 107	Contemporary American History	Elective	HUM
HIST 110	America in Vietnam	Elective	GS
HIST 111	Twentieth Century Europe	Elective	HUM
HIST 120	Military History of World War II	Elective	
HIST 161	The American Civil War and Reconstruction	HIS 223	HUM
HIST 201	Western Civilization I	HIS 107	HUM
HIST 202	Western Civilization II	HIS 108	HUM
HIST 205	Black History	HIS 232	HUM
HIST 214	A History of the Middle East	Elective	GS
HIST 218	Hitler and Nazi Germany	Elective	HUM
HIST 221	History of England	Elective	HUM

HONORS STUDIES

HONS 101H	Honors Foundation Seminar: Education As Critical Inquiry	Elective	
HONS 250H	Honors Capstone Seminar: An Inquiry into Meaning, Value And Self	Elective	

HORTICULTURE

HORT 101	Introduction to Horticulture	Elective	
HORT 110	Greenhouse Production	Elective*	
HORT 130	Horticulture Business Management	Elective*	
HORT 161	Woody Plants: Tree Identification	Elective	
HORT 163	Woody Plants: Shrub Identification	Elective	
HORT 165	Herbaceous Plants: Perennials, Grasses and Vines	Elective	
HORT 167	Herbaceous Plants: Perennials, Annuals, and Tropical Plants	Elective	
HORT 200	Entomology: Plants, Insects, and Diseases	Elective	
HORT 210	Greenhouse Production: Bedding Plants	Elective*	

*Can be used as a BUA elective.

HOSPITALITY TOURSİM MANAGEMENT

HTMT 101	Introduction to Hospitality and Tourism Industry	Elective	
HTMT 104	Nutrition for Food Service	Elective	

HARRISBURG AREA COMMUNITY COLLEGE**CEDAR CREST COLLEGE****Dept./No. & Course Title****Dept. No.****Liberal Arts
Requirements**

HTMT 110	Menu Design and Marketing	Elective
HTMT 122	Food Purchasing, Receiving, and Storing	Elective
HTMT 125	Dining Room Management	Elective
HTMT 154	Supervisory Housekeeping	Elective
HTMT 201	Tourism: Theories and Practices	Elective
HTMT 202	Principles of Travel Selling	Elective
HTMT 203	Group Travel Planning	Elective
HTMT 212	Front Office Operations and Management	Elective
HTMT 213	Marketing: Hospitality and Tourism	Elective
HTMT 225	Destination Geography	Elective
HTMT 231	Cost Control: Food, Beverage, and Labor	Elective
HTMT 251	Hospitality Supervision	Elective
HTMT 269	Hospitality Industry Computer Systems	Elective
HTMT 270	Convention and Events Management	Elective
HTMT 277	Hospitality & Tourism in London and Paris	Elective
HTMT 278	Hospitality & Tourism Management Co-Op Seminar & Field Experience	Elective
HTMT 279	Travel Reservation Systems	Elective

HUMAN SERVICES

HUMS 100	Introduction to Human Services and	SWK 201
HUMS 121	Skills and Methods in Human Services	
HUMS 108	Drugs and Alcohol: Use and Abuse	Elective*
HUMS 109	Drugs and Alcohol: Issues and Treatment	Elective*
HUMS 120	Social Welfare Programs and Policies	Elective*
HUMS 122	Skills and Methods in Human Services II	Elective*
HUMS 200	Group Work Practice	Elective*
HUMS 206	Human Development in a Societal Environment	Elective*
HUMS 215	Field Work Practicum	Elective*
HUMS 216	Crisis and Brief Intervention Counseling	Elective*
HUMS 217	Addictions Counseling Interventions	Elective*
HUMS 218	Co-Occurring Disorders	Elective*
HUMS 219	Drug and Alcohol Screening and Assessment	Elective*
HUMS 220	Drug and Alcohol Advanced Therapeutic Skills	Elective*

*Can be used as elective for Social Work Major.

HUMANITIES

HUM 101	Modern Culture and the Arts	Elective	HUM
HUM 101H	Honors Modern Culture and the Arts	Elective	HUM
HUM 114	Chinese Arts and Culture	Elective	GS
HUM 115	Architecture: Aesthetics and History	Elective	HUM
HUM 116	Introduction to Lesbian and Gay Studies	Elective	HUM
HUM 201	World Mythology	Elective	GS
HUM 201H	Honors World Mythology	Elective	GS

HARRISBURG AREA COMMUNITY COLLEGE**CEDAR CREST COLLEGE****Dept./No. & Course Title****Dept. No.****Liberal Arts
Requirements**

HUM 202	Classical Mythology
HUM 202H	Honors Classical Mythology
HUM 216	China Study Tour
HUM 228	Humanities in London/Paris
HUM 229	Italian Art, Architecture, and History

Elective	HUM
Elective	HUM
Elective	GS
Elective	HUM
Elective	HUM

MANAGEMENT

MGMT 130	Introduction to Health Care Mgmt
MGMT 201	Principles of Management
MGMT 202	Office Management
MGMT 203	Human Resources Management
MGMT 204	Human Relations in Business
MGMT 206	Labor Relations
MGMT 221	Small Business Development & Management
MGMT 226	Principles of Leadership
MGMT 226H	Honors Principles of Leadership
MGMT 227	Project Management
MGMT 230	Principles of Supply Chain Management
MGMT 235	Business Logistics Management

Elective
BUA 110
Elective
BUA 220
Elective
Elective
Elective
Elective
Elective
Elective
Elective
Elective
Elective
Elective

MARKETING

MKTG 201	Principles of Marketing
MKTG 204	Sales Management
MKTG 205	Visual Merchandising
MKTG 212	Professional Selling
MKTG 216	Retail Merchandising
MKTG 217	Retail Management
MKTG 218	Advertising
MKTG 220	Introduction to Sports Marketing
MKTG 235	Digital Media Marketing
MKTG 245	Principles of International Marketing

MKT 230
Elective
Elective
Elective
Elective
Elective
Elective
Elective
Elective
Elective
Elective

MATHEMATICS AND SCIENCE MATHEMATICS

MATH 051	Intermediate Algebra
MATH 100	College Mathematics for Business
MATH 103	College Algebra
MATH 104	Trigonometry
MATH 110	Applied Calculus for Business
MATH 111	Principles of Mathematics
MATH 111H	Honors Principles of Mathematics
MATH 113	Principles of Mathematics for Elementary Teachers I
MATH 114	Principles of Mathematics for Elementary Teachers II
MATH 119	Pre-Calculus
MATH 121	Calculus I
MATH 122	Calculus II
MATH 125	Discrete Mathematics
MATH 141	Mathematics Seminar
MATH 161	Technical Mathematics for

Elective	ML
Elective	ML
Elective	ML
Elective	ML
Elective	ML
MATH 102	ML
MATH 102	ML
Elective	ML
MATH 202	ML
Elective	ML
MAT 141	ML
MAT 142	ML
MATH 252	ML
Elective	ML
Elective	ML

HARRISBURG AREA COMMUNITY COLLEGE**CEDAR CREST COLLEGE****Dept./No. & Course Title****Dept. No.****Liberal Arts
Requirements**

	General Technology		
MATH 162	Technical Math for Electrical Technology	Elective	ML
MATH 172	Applied Mathematics for Automotive Technicians	Elective	
MATH 202	Introduction to Statistics	MAT 110	ML
MATH 203	Mathematical Statistics	MAT 110	ML
MATH 204	Statistics Special Topics 1	Elective	ML
MATH 220	Linear Algebra	MATH 311	ML
MATH 221	Calculus III	MATH 212	ML
MATH 222	Differential Equations	MATH 313	ML

MEDICAL ASSISTING

MA 110	Medical Terminology	Elective*
MA 140	Introduction to Medical Assisting	Elective*
MA 142	Introduction to Medical Laboratory Techniques	Elective
MA 150	Pathophysiology for Medical Assisting	Elective
MA 200	Pharmacology for Medical Assisting	Elective
MA 201	Medical Assisting Pharmacology Laboratory	Elective
MA 212	Ambulatory Care Clinical Procedures	Elective
MA 213	Medical Insurance and Billing	Elective
MA 220	Medical Office Administration	Elective
MA 221	Medical Office Administration	Elective
MA 230	Medical Assisting Externship	Elective

*Can be used as HLT elective for Health Science majors

MEDICAL LABORATORY TECHNOLOGY

MLT 100	Orientation to Medical Laboratory Technology	Elective*
MLT 120	Hematology and Coagulation	Elective*
MLT122	Immunology	Elective*
MLT124	Immunohematology	Elective*
MLT 220	Clinical Microbiology	Elective*
MLT 222	Clinical Chemistry	Elective*
MLT 224	Urinalysis	Elective*
MLT 226	Clinical Experience	Elective*
MLT 228	Clinical Experience II	Elective*
MLT 230	Parasitology and Mycology	Elective*
MLT 232	Clinical Experience III	Elective*
MLT 234	Clinical Experience IV	Elective*
MLT 236	Clinical Laboratory Management	Elective*

*Can be used as HLT elective for Health Science majors

METEROLOGY

METR101	Weather and Climate	Elective	SCI
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MUSIC BUSINESS

MUSB 111	Music Business and the Internet	Elective**
MUSB 214	Music Business Studies	Elective
MUSB 224	Music Industry and American Popular Music	Elective*
MUSB 225	Entertainment and Music Promotion	Elective**
MUSB 226	Music Computer Applications	Elective**

HARRISBURG AREA COMMUNITY COLLEGE**CEDAR CREST COLLEGE****Dept./No. & Course Title****Dept. No.****Liberal Arts
Requirements**

MUSB 227	Studio and Performance Production Operations	Elective**	
MUSB 228	Audio Technology	Elective**	
MUSB 229	Commercial Songwriting and the Music Industry	Elective*	

*Can be used as MS elective for Media Studies degree

**Can be used as NM elective for New Media degree

MUSIC

MUS 102	Introduction to Music	Elective	ART
MUS 102H	Honors Introduction to Music	Elective	ART
MUS 103	Introduction to Elementary Music	Elective	ART
MUS 104	Introduction to World Music	ANT 215	ART
MUS 110	History of Rock and Related Styles	Elective	ART
MUS 111	Choir	Elective	ART
MUS 112	Choir II	Elective	ART
MUS 115CO	Music Composition Lessons I	Elective	ART
MUS 115GU	Private Guitar Lessons	MUS 191	ART
MUS 115PI	Private Piano Lessons	MUS 191	ART
MUS 115VO	Private Voice Lessons I	MUS 191	ART
MUS 116CO	Music Composition Lessons II	Elective	ART
MUS 116GU	Private Guitar Lessons II	MUS 191	ART
MUS 116PI	Private Piano Lessons II	MUS 191	ART
MUS 116VO	Private Voice Lessons II	MUS 191	ART
MUS 119	Introduction to Music Theory	Elective	ART
MUS 120	Music Theory	Elective	ART
MUS 201	The History of Music	Elective	ART
MUS 202	The History of Music II	Elective	ART
MUS 204	History of Jazz	Elective	ART
MUS 211	Choir III	Elective	ART
MUS 212	Choir IV	Elective	ART
MUS 215CO	Music Composition Lessons III	Elective	ART
MUS 215GU	Private Guitar Lessons III	MUS 191	ART
MUS 215PI	Private Piano Lessons III	MUS 191	ART
MUS 215VO	Private Voice Lessons III	MUS 191	ART
MUS 216CO	Music Composition Lessons IV	Elective	ART
MUS 216GU	Private Guitar Lessons IV	MUS 191	ART
MUS 216PI	Private Piano Lessons IV	MUS 191	ART
MUS 216VO	Private Voice Lessons IV	MUS 191	ART

NUTRITION

NUTR 104	Nutrition	Elective (fulfills NTR requirement for Nursing and Health Science majors only)	
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PARALEGAL

PLGL 101	Introduction to Paralegal Studies	Elective	
PLGL 102	Legal Research and Writing	Elective	
PLGL 104	Legal Research and Writing II	Elective	
PLGL 201	Civil Litigation I	Elective	
PLGL 202	Civil Litigation II	Elective	
PLGL 203	Family Law	Elective	
PLGL 204	Estate Planning and Administration	Elective	
PLGL 205	Business Organizations	Elective	
PLGL 206	Employment Law	Elective	

HARRISBURG AREA COMMUNITY COLLEGE**CEDAR CREST COLLEGE****Dept./No. & Course Title****Dept. No.****Liberal Arts
Requirements**

PLGL 207	Bankruptcy Law	Elective
PLGL 209	Real Estate Law for Paralegals	Elective
PLGL 210	Paralegal Ethics and Professionalism	Elective
PLGL 211	Administrative Law	Elective
PLGL 251	PLGL Internship I	Elective
PLGL 252	PLGL Internship II	Elective

PHILOSOPHY

PHIL 101	Introduction to Philosophy	PHI 100	HUM
PHIL 101H	Honors Introduction to Philosophy	PHI 100	HUM
PHIL 102	Logic	Elective	
PHIL 200	Comparative Religion	PHIL 105	GS
PHIL 215	Philosophy of Science	Elective	HUM
PHIL 225	Ethics: Belief and Action	PHI 200	HUM
PHIL 225H	Honor Ethics: Belief in Action	PHI 200	HUM

PHLEBOTOMY

PBT 100	Introduction to Phlebotomy for Allied Health	Elective*
PBT 101	Phlebotomy	Elective*
PBT 102	Phlebotomy Clinical Experience	Elective*

*Can be used as HLT elective for Health Science majors.

PHYSICAL EDUCATION - A maximum of four credits will transfer for courses PE109-135, 141-160, 178-201

PHYSICAL SCIENCE

PHSC 113	Introduction to Physical Science	Elective	SCI
PHSC 114	Introduction to Earth and Space Sciences	Elective	SCI

PHYSICS

PHYS 105	Concepts in Physics	Elective	SCI
PHYS 151	Physics for Technicians	Elective	SCI
PHYS 152	Physics for Radiographers	Elective	SCI
PHYS 153	Rad Physics - College Based	Elective	SCI
PHYS 201	General Physics I	PHY 101	SCI
PHYS 202	General Physics II	PHY 102	SCI
PHYS 211	Physics for Engineers and Scientists I	PHY 101	SCI
PHYS 212	Physics for Engineers and Scientists II	PHY 102	SCI
PHYS 215	Modern Physics	Elective	SCI

PSYCHOLOGY

PSYC 101	General Psychology	PSY 100	SS
PSYC 111	Stress Management Using Biofeedback	Elective	
PSYC 201	Educational Psychology	PSY 102	
PSYC 209	Life Cycle Development	PSY210 (Previously PSY250)	SS
PSYC 211	Psychology of Adolescence	PSY Elective	
PSYC 212	Child Growth and Development	PSY Elective	
PSYC 213	Abnormal Psychology	PSY 309	
PSYC 216	Human Sexuality	PSY Elective	
PSYC 221	Social Psychology	PSY 231	
PSYC 228	Child Development in Context	Elective	
PSYC 229	Multicultural Psychology	PSY 335	

HARRISBURG AREA COMMUNITY COLLEGE**CEDAR CREST COLLEGE****Dept./No. & Course Title****Dept. No.****Liberal Arts
Requirements**

PSYC 241	Research Design and Analysis	PSY 212/214	ML
PSYC 242	Research Design and Analysis II	PSY 111/213	

RADIOLOGIC TECHNOLOGY

RADT 100	Introduction to Radiographic Procedures	Elective*
RADT 101	Imaging Equipment	Elective*
RADT 102	Introduction to Radiologic Technology	Elective*
RADT 103	Imaging and Processing	Elective*
RADT 104	Introduction Radiologic Technology for Radiology Informatics	Elective*
RADT 105	Radiation Protection and Biology	Elective*
RADT 106	Radiologic Technology Clinical Introduction	Elective*
RADT 107	Radiographic Procedures I	Elective*
RADT 108	Radiation Characteristics and Production	Elective*
RADT 109	Radiologic Technology Clinical I	Elective*
RADT 110	Radiology Basics for Informatics	Elective*
RADT 201	Radiographic Procedures II	Elective*
RADT 203	Radiologic Technology Clinical	Elective*
RADT 205	Radiographic Pathology	Elective*
RADT 207	Radiologic Technology Clinical III	Elective*
RADT 209	Image Analysis	Elective*
RADT 210	Introduction to Computed Tomography	Elective*
RADT 211	Radiologic Technology Clinical IV	Elective*
RADT 220	Computed Tomography: Introduction to Clinical Practice	Elective*
RADT 221	Computed Tomography: Clinical Practice	Elective*
RADT 222	Computed Tomography: Procedures, Patient Care, and Safety I	Elective*
RADT 223	Computed Tomography: Procedures, Patient Care, and Safety II	Elective*
RADT 224	Computed Tomography: Sectional Anatomy and Pathology	Elective*
RADT 225	Computed Tomography: Physics, Instrumentation, and Imaging	Elective*

*Can be used as HLT elective for Health Science degrees

RADIOLOGY INFORMATICS

RADI 100	Digital Imaging and Communications in Medicine (DICOM) and Health Level 7	Elective*
RADI 100	Digital Imaging and Communications in Medicine (DICOM) and Health Level 7 (HL7) I	Elective*
RADI 101	Digital Imaging and Communications in Medicine (DICOM) and Health Level 7 (HL7) II	Elective*
RADI 102	Radiology Informatics (RADI) Regulations, Quality Control, and Security	Elective*
RADI 103	Picture Archiving and Communication Systems (PACS) Interface and Systems Analysis I	Elective*
RADI 201	Radiology Informatics (RADI) Project Management I	Elective*
RADI 202	Picture Archiving and Communication Systems (PACS) Interface and Systems Analysis II	Elective*
RADI 203	Radiology Informatics (RADI) Advanced Concepts I	Elective*

HARRISBURG AREA COMMUNITY COLLEGE**CEDAR CREST COLLEGE****Dept./No. & Course Title****Dept. No.****Liberal Arts
Requirements**

RADI 204	Radiology Informatics (RADI) Advanced Concepts II	Elective*
RADI 205	Radiology Informatics (RADI) Project Management II	Elective*
RADI 210	Radiology Informatics (RADI) Clinical I	Elective*
RADI 211	Radiology Informatics (RADI) Clinical II	Elective*

*Can be used as HLT elective for Health Science degrees

REAL ESTATE

RE 101	Real Estate Fundamentals	Elective
RE 102	Real Estate Practice	Elective
RE 108	Appraisal of Residential Property	Elective
RE 205	Residential Real Estate Construction	Elective

RESPIRATORY CARE

RESP 100	Introduction to Respiratory Care	Elective*
RESP 120	Cardiopulmonary Anatomy and Physiology	Elective*
RESP 130	Hospital Orientation	Elective*
RESP 140	Oxygen Administration	Elective*
RESP 150	Pharmacology	Elective*
RESP 160	Patient Assessment	Elective*
RESP 170	Therapeutics	Elective*
RESP 175	Clinical Practice I	Elective*
RESP 190	Acid-Base Physiology	Elective*
RESP 200	Cardiopulmonary Diseases	Elective*
RESP 205	Clinical Practice II	Elective*
RESP 210	Critical Care	Elective*
RESP 230	Cardiopulmonary Laboratory Procedures	Elective*
RESP 235	Clinical Practice III	Elective*
RESP 240	Current Topics	Elective*
RESP 245	Clinical Practice IV	Elective*
RESP 260	Education and Management Techniques	Elective*
RESP 270	Neonatal/Pediatric Respiratory Care	Elective*
RESP 275	Clinical Practice V	Elective*

*Can be used as HLT elective for Health Science majors.

SOCIOLOGY

SOCI 201	Introduction to Sociology	SOC 100	SS
SOCI 201H	Honors Introduction to Sociology	SOC 100	SS
SOCI 202	Social Problems	Elective	SS
SOCI 203	Marriage and Family	SOC 321	SS
SOCI 205	Race and Cultural Relations	SOC 313*	SS
SOCI 211	Group Dynamics	Elective	SS
SOCI 226	Perspectives on Aging	Elective	SS

*Cannot replace SWK/SOC 313 for Social Work majors

SPANISH

SPAN 100	Conversational Spanish for the Workforce	SPAN 120	GS
SPAN 101	Elementary Spanish I	SPAN 101	GS
SPAN 102	Elementary Spanish II	SPAN 102	GS
SPAN 201	Intermediate Spanish I	SPAN 201	GS
SPAN 202	Intermediate Spanish II	SPAN 202	GS

HARRISBURG AREA COMMUNITY COLLEGE**CEDAR CREST COLLEGE****Dept./No. & Course Title****Dept. No.****Liberal Arts
Requirements****SURGICAL ENGINEERING TECH**

SET 201	Introduction to Structural Engineering Technology	Elective	
SET 202	Structural Design Fundamentals and Concepts	Elective	

SURGICAL TECHNOLOGY

SURG 101	Concepts in Surgical Technology	Elective*	
SURG 105	Pharmacology	Elective*	
SURG 110	Introduction to Surgical Technology	Elective*	
SURG 111	Surgical Procedures I	Elective*	
SURG 112	Surgical Procedures II	Elective*	
SURG 150	Clinical Remediation I	Elective*	
SURG 210	Surgical Clinical Externship I	Elective*	
SURG 220	Surgical Clinical Externship II	Elective*	
SURG 230	Surgical Clinical Externship III	Elective*	

*Can be used as HLT elective for Health Science majors.

THEATRE

THTR 101	Introduction to Theatre	Elective	ART
THTR 110	Introduction to Acting	THS 201	ART
THTR 111	Acting II	THS 202	ART
THTR 120	Theatre Voice I	Elective	
THTR 121	Theatre Voice II	Elective	
THTR 130	Theatre Movement I	Elective	
THTR 131	Theatre Movement II	Elective	
THTR 134	Acting for the Camera	Elective	
THTR 142	Scenic Design	THS 240	ART
THTR 143	Theatre Makeup	PER 110	
THTR 144	Costuming for the Theatre	THS 240	ART
THTR 145	Introduction to Musical Theatre	Elective	
THTR 146	Theatre Lighting	THS 240	ART
THTR 210	Acting III	THS 303	ART
THTR 211	Directing	THS 280	
THTR 216	Acting IV	Elective	ART
THTR 220	Introduction to Modern Dance	DNC 120	ART
THTR 224	Modern American Theatre	Elective	ART

WEB

WEB 101	WEB Program Introduction	Elective*	
WEB 102	Web Exploration & Design	Elective*	
WEB 110	Web Site Publishing	Elective*	
WEB 121	Electronic Commerce	Elective	
WEB 125	HyperText Markup Language (HTML) & Cascading Style Sheets (CSS)	Elective	
WEB 126	eXtensible Markup Language (XML)	Elective	
WEB 130	Multimedia Fundamentals	COM 120	ART
WEB 133	Design Fundamentals	Elective*	
WEB 135	Raster Imaging and Photography	Elective*	
WEB 138	Vector Imaging & SVG	Elective*	
WEB 143	Development Fundamentals	Elective*	
WEB 144	Introduction to JAVA Development	Elective	
WEB 225	Responsive Design and Typography	Elective	

HARRISBURG AREA COMMUNITY COLLEGE**CEDAR CREST COLLEGE****Dept./No. & Course Title****Dept. No.****Liberal Arts
Requirements**

WEB 227	eBooks, eDocs, & ePublishing	Elective*
WEB 230	2-Dimensional Animation for the Web	Elective*
WEB 231	3-Dimensional Animation for the Web	COM 220
WEB 233	Audio/Video Studio for the Web	Elective*
WEB 240	JavaScript Programming	Elective
WEB 245	Advanced Development	Elective
WEB 247	C#.NET Programming	Elective
WEB 253	Introduction to Windows Development	Elective
WEB 255	Introduction to PHP Development	Elective
WEB 256	Advanced JAVA Development	Elective
WEB 257	Advanced ASP.NET: Active Server Pages	Elective
WEB 258	Advanced Windows Development	Elective
WEB 259	Advanced PHP Development	Elective
WEB 260	Web Server Administration	Elective
WEB 268	Web Program Capstone	Elective*
WEB 270	Cooperative Work Experience in Web	Elective*

*Can be used as NM elective for New Media degree.

**Can be reviewed individually by Department Chair for NM elective for New Media degree.

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.