

**BASED ON THE 2018-2019 LORAIN COUNTY COMMUNITY COLLEGE CATALOG AND THE
2018-2019 TIFFIN UNIVERSITY ACADEMIC BULLETIN**

Lorain County Community College Course Equivalence

LORAIN COUNTY COMMUNITY COLLEGE		TIFFIN UNIVERSITY	
	Sem. Hr.		Sem. Hr.
<i>ACCOUNTING (ACTG)</i>			
ACTG151 Accounting I-Financial	4	ACC201 Survey of Accounting	3
ACTG152 Accounting II-Managerial	4	ACC228 Managerial Accounting	3
ACTG152G Accounting II-Managerial	4	ACC100 Accounting Elective	3
ACTG161 Payroll Accounting	3	ACC100 Accounting Elective	3
ACTG199 Introduction to the World of Work-ACTG	1	OE 100 Open Elective	3
ACTG251 Intermediate Accounting I	4	ACC200 Accounting Elective	3
ACTG252 Intermediate Accounting II	4	ACC200 Accounting Elective	3
ACTG253 Forensic Accounting	3	ACC200 Accounting Elective	3
ACTG265 Cost Accounting	3	ACC200 Accounting Elective	3
ACTG267 Federal Income Tax Procedures- Individuals	4	ACC200 Accounting Elective	4
ACTG287 Work-Based Learning I	1-3	ACC200 Accounting Elective/OE 200 Open Elective	N/A
ACTG288 Work-Based Learning II	1-3	ACC200 Accounting Elective/OE 200 Open Elective	N/A
ACTG299 Individualized Studies in Accounting	1-2	ACC200 Accounting Elective/OE 200 Open Elective	N/A
<i>AUTOMATION ENGINEERING TECHNOLOGY (AETC)</i>			
AETC111 Robotics and Automated Manufacturing	3	OE 100 Open Elective	3
AETC121 Programmable Logic Controllers	3	OE 100 Open Elective	3
AETC131 Piping Systems and Codes	3	OE 100 Open Elective	3
AETC132 Pneumatic Components and Systems	2	OE 100 Open Elective	2
AETC211 Workcell Interfacing	3	OE 200 Open Elective	2
AETC221 Automated Systems Troubleshooting	2	OE 200 Open Elective	2
AETC222 Hydraulic Components and Circuits	2	OE 200 Open Elective	3
AETC223 Programmable Logic Controllers II	3	OE 200 Open Elective	3
AETC231 Flexible Manufacturing Systems	3	OE 200 Open Elective	3
AETC235 Computer Integrated Manufacturing	3	OE 200 Open Elective	3
AETC241 Instrumentation and Control	3	OE 200 Open Elective	3
AETC287 Work-Based Learning I-Automation Engineering Techn	1-3	OE 200 Open Elective	N/A
AETC299 Independent Studies/Automation Technology	1-2	OE 200 Open Elective	1-2
<i>ALTERNATIVE ENERGY (ALET)</i>			
ALET111 Introduction to Alternative Energy	3	OE 100 Open Elective	3
ALET112 Alternative Energy Mechanical Systems	4	OE 100 Open Elective	4
ALET113 OSHA 10 Construction Safety	1	OE 100 Open Elective	1
ALET220 Wind Turbine Technology I	3	OE 200 Open Elective	3
ALET221 Wind Turbine Technology II	3	OE 200 Open Elective	3
ALET222 Solar Thermal Systems	4	OE 200 Open Elective	4
ALET223 Photovoltaic Systems	4	OE 200 Open Elective	4
ALET287 Work Based Learning I -ALET	1-3	OE 200 Open Elective	1-3
ALET288 Work-Based Learning II - ALET	1-3	OE 200 Open Elective	1-3
ALET289 Work-Based Learning III - ALET	1-3	OE 200 Open Elective	1-3

ALET299 Individualized Studies in Alternative Energy	1-2	OE 200 Open Elective	1-2
ALLIED HEALTH AND NURSING (ALHN)			
ALHN105 Career Exploration in Hemodialysis Technology	1	OE 100 Open Elective	1
ALHN107 Career Exploration in Diagnostic Medical Sonography	1	OE 100 Open Elective	1
ALHN108 Career Exploration in Surgical Technology	1	OE 100 Open Elective	1
ALHN110 Medical Terminology	3	BIO150 Medical Terminology	3
ALHN112 Introduction to Medical Terminology	1	OE 100 Open Elective	1
ALHN113 Introduction to Patient Care	1	OE 100 Open Elective	1
ALHN118 Pharmacology for Allied Health and Nursing	3	OE 100 Open Elective	3
ALHN120 Career Explorations in Occupational Therapy	1	OE 100 Open Elective	1
ALHN121 General Pathology	2	OE 100 Open Elective	2
ALHN124 Career Explorations in Physical Therapy	1	OE 100 Open Elective	1
ALHN125 Applied Clinical Ethics for Healthcare Professionals	3	OE 100 Open Elective	3
ALHN287 Work Based Learning I	1-3	OE 200 Open Elective	N/A
ALHN288 Work-Based Learning II - ALHN	1-3	OE 200 Open Elective	1-3
ALHN289 Work Based Learning III - ALHN	1-3	OE 200 Open Elective	1-3
ARABIC (ARAB)			
ARAB151G Elementary Arabic I	4	ARB101 Elementary Modern Standard Arabic I	3
ARAB152 Elementary Arabic II	4	ARB102 Elementary Modern Standard Arabic II	3
ARCHAEOLOGY (ARCH)			
ARCH155G Introduction to Archaeology	3	CUL100 Cultural Studies Elective	3
ARTS (ARTS)			
ARTS151 Photography I	3	ART100 Art Elective	3
ARTS152 Photography II	3	ART100 Art Elective	3
ARTS158 Printmaking	3	ART100 Art Elective	3
ARTS161 Drawing I	3	ART100 Art Elective	3
ARTS162 Drawing II	3	ART100 Art Elective	3
ARTS165 Two-Dimensional Design	3	ART120 Two-Dimensional Foundations	3
ARTS167 Three-Dimensional Design	3	ART130 3-Dimensional Foundations	3
ARTS171 Painting I	3	ART100 Art Elective	3
ARTS172 Painting II	3	ART100 Art Elective	3
ARTS175 Watercoloring Painting	3	ART100 Art Elective	3
ARTS181 Ceramics I	3	ART100 Art Elective	3
ARTS182 Ceramics II	3	ART100 Art Elective	3
ARTS185 Sculpture	3	ART100 Art Elective	3
ARTS243G Art History I	3	ART200 Art Elective	3
ARTS244G Art History II	3	ART200 Art Elective	3
ARTS245G World Art	3	ART200 Art Elective	3
ARTS246 History of Photography	3	ART200 Art Elective	3
ARTS252 Photography III	3	ART200 Art Elective	3
ARTS254 History of American Architecture	3	ART200 Art Elective	3
ARTS260 Life Drawing I	3	ART200 Art Elective	3
ARTS261 Graphic Design I	3	ART200 Art Elective	3

ARTS262 Graphic Design II	3	ART200 Art Elective	3
ARTS263 Graphic Design III	3	ART200 Art Elective	3
ARTS264 Non-Linear Editing	3	ART200 Art Elective	3
ARTS265 Life Drawing II	3	ART200 Art Elective	3
ARTS271 Digital Imaging	3	ART200 Art Elective	3
ARTS272 Digital Illustration	3	ART200 Art Elective	3
ARTS273 2-D Animation and Motion Graphics	3	ART200 Art Elective	3
ARTS274 Web Design I	3	CIS255 Internet and Website Development	3
ARTS275 Digital Photography	3	COM134 Digital Photography	3
ARTS276 3-D Modeling and Animation	3	ART200 Art Elective	3
ARTS277G Typography	3	ART200 Art Elective	3
ARTS278 3-D Modeling and Animation II	3	ART200 Art Elective	3
ARTS279 Web Design II	3	CIS200 Computer Information Systems Elective	3
ARTS280 Computer Programming for Artists	3	ART200 Art Elective	3
ARTS282 Digital Photography II	3	ART200 Art Elective	3
ARTS285 Portfolio	1	OE 200 Open Elective	1
ARTS287 Work Based Learning I	1-3	ART200 Art Elective/OE 200 Open Elective	N/A
ARTS299 Individualized Studies in Art	1-2	ART200 Art Elective/OE 200 Open Elective	N/A
ASTRONOMY (ASTY)			
ASTY151 Stars, Galaxies and Cosmology	4	NAT100 Natural Science Elective	4
ASTY152 Solar System Astronomy	3	NAT100 Natural Science Elective	3
ASTY299 Individualized Studies in Astronomy	1-2	NAT200 Nat Science Elective/OE 200 Open Elective	N/A
AVIATION (AVIA)			
AVIA111 Private Pilot Ground School	4	OE 100 Open Elective	4
AVIA121 Instrument Ground School	3	OE 100 Open Elective	3
AVIA211 Commercial Polot Ground School	3	OE 200 Open Elective	3
BUSINESS ADMINISTRATION (BADM)			
BADM153 Recruitment, Selection, Training and Development	3	MGT100 Management Elective	3
BADM154 Compensation and Benefits	3	MGT100 Management Elective	3
BADM155 Introduction to Business Administration	3	MGT121 How Business Works	3
BADM161 Business Law I	3	LAW211 Business Law I	3
BADM162 Business Law II	3	LAW212 Business Law II	3
BADM164 Labor Law	3	MGT100 Management Elective	3
BADM165 Legal Environment of Business	3	MGT100 Management Elective	3
BADM171 Introduction to E-Commerce	3	MGT100 Management Elective	3
BADM199 Introduction to the World of Work	1	OE 100 Open Elective	1
BADM211 Business Communications	3	COM200 Communication Elective	3
BADM220 Principles of Supply Chain Management	3	MGT221 Supply Chain Management	3
BADM251 Principles of Management	3	MGT201 Management of Organizations	3
BADM255 Human Resources Management	3	MGT200 Management Elective	3
BADM264 Labor-Management Relations	3	MGT200 Management Elective	3
BADM281G International Business	3	MGT200 Management Elective	3
BADM287 Work-Based Learning I	1-3	MGT200 Mgt Elective/OE 200 Open Elective	N/A
BADM288 Work-Based Learning II	1-3	MGT200 Mgt Elective/OE 200 Open Elective	N/A

BADM289 Work-Based Learning III	1-3	MGT200 Mgt Elective/OE 200 Open Elective	N/A
BADM299 Individualized Studies in Business Administration	1-2	MGT200 Mgt Elective/OE 200 Open Elective	N/A
BIOLOGY (BIOG)			
BIOG050 Preparing for Anatomy & Physiology I	2	No Credit	*
BIOG051 Preparing for Anatomy & Physiology II	2	No Credit	*
BIOG115 Body Structure and Function	3	NAT100 Natural Science Elective	3
BIOG121 Anatomy and Physiology I	4	NAT150 Introduction to Anatomy & Physiology	3
BIOG122 Anatomy and Physiology II	4	NAT100 Natural Science Elective	4
BIOG123 Cross-Sectional Anatomy	2	NAT100 Natural Science Elective	2
BIOG150 Infectious Disease A to Z	2	BIO100 Biology Elective	2
BIOG151 General Biology	4	BIO101 Contemp Biological Problems + BIO101L	3+1
BIOG152 Human Biology	4	BIO100 Biology Elective	4
BIOG153 Basic Human Nutrition	3	NAT100 Natural Science Elective	3
BIOG156 HIV/AIDS	1	OE 100 Open Elective	1
BIOG158 Bird Watching	2	NAT100 Natural Science Elective	2
BIOG159 Aquatic Life	3	NAT100 Natural Science Elective	3
BIOG161 Principles of Biology I	4	BIO101 Contemporary Biological Problems & Lab	3+1
BIOG162 Principles of Biology II	4	BIO100 Biology Elective	4
BIOG163 The Microbial World	4	BIO100 Biology Elective	4
BIOG164 Exploration In Field Science	3	BIO100 Biology Elective	3
BIOG165 Introduction to Ecology	3	NAT100 Natural Science Elective	3
BIOG185 Supplemental Biology Lab I	1	OE 100 Open Elective	1
BIOG251 General Microbiology	4	BIO200 Biology Elective	4
BIOG252 Microbiology	5	BIO200 Biology Elective	5
BIOG260 Botany	3	BIO200 Biology Elective	3
BIOG268 Clinical Nutrition	3	NAT200 Natural Science Elective	3
BIOG275 Genetics	4	NAT200 Natural Science Elective	4
BIOG281 Molecular Biology	4	BIO200 Biology Elective	4
BIOG282 Methods in Biotechnology I	3	BIO200 Biology Elective	3
BIOG283 Methods in Biotechnology II	3	BIO200 Biology Elective	3
BIOG284 Independent Student Research	1	OE 200 Open Elective	1
BIOG285 Supplemental Biology Lab II	1	OE 200 Open Elective	1
BIOG287 Work-Based Learning I-Biology	1-3	BIO200 Biology Elective/OE 200 Open Elective	N/A
BIOG288 Work-Based Learning II-Biology	1-3	BIO200 Biology Elective/OE 200 Open Elective	N/A
BIOG289 Work-Based Learning III-Biology	1-3	BIO200 Biology Elective/OE 200 Open Elective	N/A
BIOG299 Individualized Studies in Biology	1-2	BIO200 Biology Elective/OE 200 Open Elective	N/A
COMPUTER AIDED DESIGN (CADD)			
CADD111 Introduction to Computer Aided Drafting	2	OE 100 Open Elective	2
CADD201 3D Computer Drafting	3	OE 200 Open Elective	3
CADD212 Introduction to Creo Parametric Pro/Engineer	3	OE 200 Open Elective	4
CADD213 Introduction to SolidWorks	3	OE 200 Open Elective	5
CADD214 Introduction to Inventor	3	OE 200 Open Elective	6
CADD215 Architectural Drafting Using CAD	3	OE 200 Open Elective	7
CADD216 Introduction to 3D Modeling and Printing	1	OE 200 Open Elective	1
CADD220 Rendering and Animation	3	OE 200 Open Elective	3

CADD235 Detailing and Dimensioning	3	OE 200 Open Elective	3
CADD287 Work-Based Learning I	1-3	OE 200 Open Elective	N/A
CADD288 Work-Based Learning II	1-3	OE 200 Open Elective	N/A
CADD289 Work-Based Learning III	1-3	OE 200 Open Elective	N/A
CADD299 Individualized Studies in CADD	1-2	OE 200 Open Elective	N/A
COMPUTER AIDED MACHINING (CAMM)			
CAMM111 Introduction to Computer Numerical Control	2	OE 100 Open Elective	2
CAMM215 Advanced CNC Milling	3	OE 200 Open Elective	3
CAMM225 Advanced CNC Lathes	3	OE 200 Open Elective	3
CAMM235 CAD-CAM Graphics	3	OE 200 Open Elective	3
CAMM287 Work-Based Learning I	1-3	OE 200 Open Elective	N/A
CAMM288 Work-Based Learning II	1-3	OE 200 Open Elective	N/A
CAMM289 Work-Based Learning III	1-3	OE 200 Open Elective	N/A
COMPUTER GAMES AND SIMULATION DESIGN (CGSD)			
CGSD120 Computer Games and Simulation Design-CGSD	3	OE 100 Open Elective	3
CGSD121 2D Game Programming	3	OE 100 Open Elective	3
CGSD125 Flash for Games and Simulations	3	OE 100 Open Elective	3
CGSD130 Game Applications for Emergent Platforms	3	OE 100 Open Elective	3
CGSD221 3D Game Programming	3	OE 200 Open Elective	3
CGSD222 3D Game Level Design	3	OE 200 Open Elective	3
CGSD223 Serious Games and Simulations	3	OE 200 Open Elective	3
CGSD225 Advanced Game Programming	3	OE 200 Open Elective	3
CGSD271 Digital Imaging	3	OE 200 Open Elective	3
CGSD272 Digital Illustration	3	OE 200 Open Elective	3
CGSD276 3-D Modeling and Animation	3	OE 200 Open Elective	3
CHEMISTRY (CHMY)			
CHMY155 Chemistry and Society	3	CHM100 Chemistry Elective	3
CHMY161 General, Organic and Biochemistry I	4	CHM100 Chemistry Elective	4
CHMY162 General, Organic and Biochemistry II	4	CHM100 Chemistry Elective	4
CHMY171 General Chemistry I	5	CHM131 General Chemistry I + CHM131L	3+1
CHMY172 General chemistry II	5	CHM132 General Chemistry II + CHM132L	3+1
CHMY265 Quantitative Analysis	5	CHM200 Chemistry Elective	3+1
CHMY271 Organic Chemistry I	5	CHM200 Chemistry Elective	3+1
CHMY272 Organic Chemistry II	5	CHM200 Chemistry Elective	3+1
CHMY273 Quantitative and Analytical Chemistry	5	CHM200 Chemistry Elective	5
CHMY274 Environmental Chemistry	3	CHM200 Chemistry Elective	3
CHMY275 Biochemistry I	3	CHM200 Chemistry Elective	3
CHMY276 Biochemistry II	3	CHM200 Chemistry Elective	3
CHMY286 Internship in Environmental Chemistry	3	CHM200 Chemistry Elective	3
CHMY287 Work-Based Learning I-Chemistry	1-3	CHM200 Chemistry Elective/OE 200 Open Elective	N/A
CHMY289 Work-Based Learning II- Chemistry	1-3	CHM200 Chemistry Elective/OE 200 Open Elective	N/A
CHMY299 Individualized Studies in Chemistry	1-2	CHM200 Chemistry Elective/OE 200 Open Elective	N/A
CHINESE (CHNS)			

CHNS151G Elementary Chinese I	4	OE 100 Open Elective	4
CHNS152G Elementary Chinese II	4	OE 100 Open Elective	4
COMPUTER INFORMATION SYSTEMS (CISS)			
CISS115 Internet Research and Tools	1	OE 100 Open Elective	1
CISS121 Microcomputer Applications I	3	CIS111 Information Systems & Applications	3
CISS122 Microcomputer Applications II	3	CIS100 Computer Information Systems Elective	3
CISS125 Operating System Interfaces	3	CIT155 Operating Systems	3
CISS135 Program Development Using Visual Basic.NET	4	CIS201 Programming	3
CISS136 Advanced Visual Basic.NET	3	CIS100 Computer Information Systems Elective	3
CISS141 Programming on the AS/400	4	CIS100 Computer Information Systems Elective	4
CISS143 Database Design and Implementation	3	CIS100 Computer Information Systems Elective	3
CISS145 Local Area Networks	4	CIS100 Computer Information Systems Elective	4
CISS155 Fundamentals of Network Security	3	CIS100 Computer Information Systems Elective	3
CISS160 Introduction to Programming in C#	4	CIS100 Computer Information Systems Elective	3
CISS161 CISCO CCNA Introduction to Network	3	CIS100 Computer Information Systems Elective	3
CISS162 CISCO CNNA Routing & Switching Essential	3	CIS100 Computer Information Systems Elective	3
CISS163 CISCO CNNA Scaling Network	3	CIS100 Computer Information Systems Elective	3
CISS164 CISCO CNNA Connecting Network	3	CIS100 Computer Information Systems Elective	3
CISS212 Spreadsheet Applications	3	CIS100 Computer Information Systems Elective	3
CISS215 Multimedia Fundamentals	3	CIS200 Computer Information Systems Elective	3
CISS216 Web Development	3	CIS255 Internet and Website Development	3
CISS222 Advanced Programming in C#	3	CIS200 Computer Information Systems Elective	3
CISS226 Introduction to Programming in JAVA	3	CIS200 Computer Information Systems Elective	3
CISS227 Intranet/Internet Working	4	CIS200 Computer Information Systems Elective	4
CISS232 Scripting in the Client Server Environment	3	CIS200 Computer Information Systems Elective	3
CISS236 Virtualization and Cloud Computing	3	CIS200 Computer Information Systems Elective	3
CISS240 Certification Examination Preparation	2	CIS200 Computer Information Systems Elective	2
CISS243 Web Database Integration	4	CIS200 Computer Information Systems Elective	4
CISS244 Project Management	3	CIS200 Computer Information Systems Elective	3
CISS245 Network Integration and Management	4	CIS200 Computer Information Systems Elective	4
CISS247 Systems Development	3	CIS200 Computer Information Systems Elective	3
CIS251 Cyber Defense Methods	3	CDS200 Cyber Defense Elective	3
CISS252 IT Security Concepts	4	CIS200 Computer Information Systems Elective	3
CISS260 Introduction to iPhone/iPad Programming	4	CIS200 Computer Information Systems Elective	4
CISS264 Introduction to Android Programming	3	CIS200 Computer Information Systems Elective	2
CISS266 Advanced Android Programming	4	CIS200 Computer Information Systems Elective	4
CISS268 Mobile Web Development	4	CIS200 Computer Information Systems Elective	4
CISS285 Information systems Practicum	2	CIS200 Computer Information Systems Elective	2
CISS287 Work-Based Learning I	1-3	CIS200 Comput Inform Sys Elect/OE 200 Open Elect	N/A
CISS288 Work-Based Learning II	1-3	CIS200 Comput Inform Sys Elect/OE 200 Open Elect	N/A
CISS289 Work-Based Learning III	1-3	CIS200 Comput Inform Sys Elect/OE 200 Open Elect	N/A
CISS299 Individualized Studies in Computer Information Systems	1-2	CIS200 Comput Inform Sys Elect/OE 200 Open Elect	N/A
CLINICAL LABORATORY SCIENCE TECHNOLOGY (CLSC)			
CLSC111 Introduction to Clinical Laboratory Science Technology	2	OE 100 Open Elective	2
CLSC131 Introduction to Hematology	2	OE 100 Open Elective	2

CLSC132 Body Fluids and Urinalysis	2	OE 100 Open Elective	2
CLSC133 Hematology I/Urinalysis Clinical Practicum	3	OE 100 Open Elective	3
CLSC134 Advanced Hematology and Hemostasis	2	OE 100 Open Elective	2
CLSC135 Immunohematology Concepts and Procedures	2	OE 100 Open Elective	2
CLSC136 Hematology II/Immuno-hematology Clinical Practicum	3	OE 100 Open Elective	3
CLSC213 Clinical Microbiology, Immunology, and Serology	9	OE 200 Open Elective	9
CLSC221 Clinical Chemistry	10	OE 200 Open Elective	10
COMMUNICATION (CMMC)			
CMMC151 Oral Communication	3	COM130 Oral Communication & Presentation	3
CMMC152 Communication Theory	3	COM100 Communication Elective	3
CMMC163 Oral Interpretation	3	COM100 Communication Elective	3
CMMC165 Interpersonal Communication	3	COM100 Communication Elective	3
CMMC169 Small Group Communication	3	COM100 Communication Elective	3
CMMC175 Persuasion	3	COM100 Communication Elective	3
CMMC177G Intercultural Communication	3	COM100 Communication Elective	3
CMMC199 Introduction to the World of Work-CMMC	1	OE 100 Open Elective	1
CMMC271 Introduction to Language and Linguistics	3	COM200 Communication Elective	3
CMMC287 Work Based Learning I	1-3	COM200 Commun Elective/OE 200 Open Elective	N/A
CMMC299 Individualized Studies in Communications	1-2	COM200 Commun Elective/OE 200 Open Elective	N/A
COMPUTER MAINTENANCE AND NETWORKING (CMNW)			
CMNW101 A+ Certification Preparation I	4	CIT100 Computer Information Technology Elective	4
CMNW111 Introduction to Computer Hardware	2	CIT100 Computer Information Technology Elective	2
CMNW120 Cyber-Forensics, Cyber-Crime and the Law	4	CIT100 Computer Information Technology Elective	4
CMNW121 Data Collection, Analysis and Forensics Tools	4	CIT100 Computer Information Technology Elective	4
CMNW141 Computer Diagnostic and Repair	3	CIT100 Computer Information Technology Elective	3
CMNW145 Network Installation and Diagnostics	4	CIS100 Computer Information Systems Elective	4
CMNW181 Industry Specific Directed Studies	4	CIT100 Computer Information Technology Elective	4
CMNW201 A+ Certification Preparation II	4	CIT200 Computer Information Technology Elective	4
CMNW220 Data Communications	4	CIT200 Computer Information Technology Elective	4
CMNW221 Programming in C & C++ for Engineering Techn Applic	4	CIT200 Computer Information Technology Elective	4
CMNW223 Network Forensics and Investigative Techniques	4	CDS152 Introduction to Cyber Defense	4
CMCW224 Cell Phone and Mobile Device Forensics	4	CDS152 Introduction to Cyber Defense	4
CMNW241 Advanced Computer Diagnostics	5	CIT200 Computer Information Technology Elective	3
CMNW246 Industrial Computing Applications Capstone	5	CIT200 Computer Information Technology Elective	5
CMNW247 Computer Forensics and Data Recovery Capstone	4	CIT200 Computer Information Technology Elective	4
CMNW287 Work-Based Learning I	1-3	CIT200 Comput Info Tech Elect/OE 200 Open Elect	N/A
CMNW288 Work-Based Learning II	1-3	CIT200 Comput Info Tech Elect/OE 200 Open Elect	N/A
CMNW289 Work-Based Learning III	1-3	CIT200 Comput Info Tech Elect/OE 200 Open Elect	N/A
CMNW299 Individual Studies in Computer Main & Networking	1-2	CIT200 Comput Info Tech Elect/OE 200 Open Elect	N/A
COMPUTER PROGRAMMING (CMPR)			
CMPR166 Introduction to Computer Science	3	ITS106 Introduction to Computer Science	3
CMPR168 Object-Oriented Programming	4	CIS100 Computer Information Systems Elective	4
CMPR268 Data Structures	3	CIS200 Computer Information Systems Elective	3
CMPR275 Computer Architecture	3	CIS200 Computer Information Systems Elective	3

CMPR299 Individualized Studies in Computer Programming	1-2	OE 200 Open Elective	N/A
CONSTRUCTION (CNST)			
CNST120 Introduction to HVAC	2	OE 100 Open Elective	2
CNST121 Construction Document Reading	3	OE 100 Open Elective	3
CNST122 Introduction to Carpentry	4	OE 100 Open Elective	4
CNST123 Introduction to Electrical Wiring	2	OE 100 Open Elective	2
CNST124 Introduction to Plumbing	2	OE 100 Open Elective	2
CNST125 Introduction to Finish Carpentry	2	OE 100 Open Elective	2
CNST126 Introduction to Masonry	2	OE 100 Open Elective	2
CNST127 Green Building and LEED Rating Systems	4	OE 100 Open Elective	4
CNST201 Surveying	3	OE 200 Open Elective	3
CNST205 Construction Estimating	3	OE 200 Open Elective	3
CNST206 Construction Estimating II	3	OE 200 Open Elective	3
CNST210 Safety in Construction	2	OE 200 Open Elective	2
CNST287 Work Based Learning I	1-3	OE 200 Open Elective	N/A
CNST288 Work Based Learning II	1-3	OE 200 Open Elective	N/A
CNST289 Work Based Learning III	1-3	OE 200 Open Elective	N/A
CRIMINAL JUSTICE (CRMJ)			
CRMJ110 Introduction to Criminal Justice	3	JUS110 Introduction to Criminal Justice	3
CRMJ111 Introduction to Corrections	3	COR 120 Correctional Thought & Practice	3
CRMJ112 Introduction to Criminal Courts	3	JUS100 Criminal Justice Elective	3
CRMJ117 Criminal Law	3	JUS201 Criminal Law	3
CRMJ119 Legal Issues in Corrections	2	COR236 Correctional Legal Issues	2
CRMJ121 Introduction to Criminalistics	3	ENF239 Applied Crim Investigation&Criminalistics	3
CRMJ135 Community Relations in Criminal Justice	2	JUS100 Criminal Justice Elective	2
CRMJ146 Criminal Justice Investigation	3	ENF239 Applied Crim Investigation&Criminalistics	3
CRMJ147 Probation and Parole	2	COR245 Probation, Parole,&Community Corrections	2
CRMJ151 Law Enforcement Firearms Training	3	JUS100 Criminal Justice Elective	3
CRMJ152 Law Enforcement Motor Vehicle Operation	3	JUS100 Criminal Justice Elective	3
CRMJ219 Mental Health Issues in Corrections	2	JUS200 Criminal Justice Elective	2
CRMJ225 Traffic Accident Investigation	3	ENF150 Police and Society	3
CRMJ226 Juvenile Delinquency	3	COR231 Juvenile Justice Systems	3
CRMJ231 Introduction to Police Operations	3	ENF200 Law Enforcement Elective	3
CRMJ232 Police Supervision	3	JUS200 Criminal Justice Elective	3
CRMJ285 Criminal Justice Internship I	2	JUS200 Criminal Justice Elective	2
CRMJ286 Criminal Justice Internship II	2	JUS200 Criminal Justice Elective	2
CRMJ299 Individualized Studies in Criminal Justice	1-2	JUS200 Criminal Just Elective/OE 200 Open Elective	N/A
CULINARY ARTS (CULN)			
CULN152 Essentials of Dining Room Service	3	OE 100 Open Elective	3
CULN154 Introduction to Baking and Pastry	3	OE 100 Open Elective	3
CULN157 Fundamentals of Food Service Production	3	OE 100 Open Elective	3
CULN160 Foodservice Operations and Career Management	3	OE 100 Open Elective	3
CULN165 Advanced Food Service Production	3	OE 100 Open Elective	3
CULN175 Purchasing and Product Identification	3	OE 100 Open Elective	3

CULN200 Externship	2	OE 200 Open Elective	2
CULN205 Restaurant and Menu Development	3	OE 200 Open Elective	3
CULN215 Beverage Management	3	OE 200 Open Elective	3
CULN221 Principles of Beverage Service	2	OE 200 Open Elective	2
CULN224 From Farm to Fork	3	OE 200 Open Elective	3
CULN225 Advanced Bake Shop	3	OE 200 Open Elective	3
CULN255G New World Cuisine	3	OE 200 Open Elective	3
CULN266 Restaurant Capstone	5	OE 200 Open Elective	5
CULN299 Individualized Studies	1-2	OE 200 Open Elective	N/A
Cyber Security (CYBR)			
CYBR220 PYTHON Scripting and Program Concepts	3	CIS200 Computer Information Systems Elective	3
CYBR221 Ethical Hacking	3	CIS200 Computer Information Systems Elective	3
CYBR222 Internet of Things	4	CIS200 Computer Information Systems Elective	4
DANCE (DANC)			
DANC151 Ballet I	2	OE 100 Open Elective	2
DANC152 Ballet II	2	OE 100 Open Elective	2
DANC161 Jazz Dance I	2	OE 100 Open Elective	2
DANC162 Jazz Dance II	2	OE 100 Open Elective	2
DANC171 Modern Dance I	2	OE 100 Open Elective	2
DANC172 Modern Dance II	2	OE 100 Open Elective	2
DANC185 Dance Performance	1	OE 100 Open Elective	1
DANC299 Individualized Studies in Dance	1-2	OE 200 Open Elective	N/A
Digital Fabrication (DFAB)			
DFAB111 Introduction to Personal Fabrication	1	OE 100 Open Elective	1
DFAB121 Digital Fabrication I	3	OE 100 Open Elective	3
DFAB211 Additive Manufacturing and 3D Scanning	3	OE 200 Open Elective	3
DFAB221 Digital Fabrication of Electromechanical Systems	3	OE 200 Open Elective	3
DFAB231 Digital Fabrication Capstone	4	OE 200 Open Elective	4
DENTAL HYGIENE (DNHY)			
DNHY111 Head and Neck Anatomy/Tooth Morphology	2	OE 100 Open Elective	2
DNHY121 Dental Hygiene Techniques I	4	OE 100 Open Elective	4
DNHY122 Dental Hygiene Techniques II	5	OE 100 Open Elective	5
DNHY123 Dental Materials	2	OE 100 Open Elective	2
DNHY124 Dental Radiology	3	OE 100 Open Elective	3
DNHY125 Periodontics	2	OE 100 Open Elective	2
DNHY131 Oral Pathology	2	OE 100 Open Elective	2
DNHY133 Dental Hygiene Techniques III	3	OE 100 Open Elective	3
DNHY199 Introduction to the World of Work - DNHY	1	OE 100 Open Elective	1
DNHY221 Dental Pharmacology	2	OE 200 Open Elective	2
DNHY224 Dental Hygiene Techniques IV	4	OE 200 Open Elective	4
DNHY231 Community/Dental Hygiene Trends	2	OE 200 Open Elective	2
DNHY235 Dental Hygiene Techniques V	4	OE 200 Open Elective	4
DNHY236 Dental Hygiene Pain Management I Lecture	1	OE 200 Open Elective	1

DNHY237 Dental Hygiene Pain Management II Lab	1	OE 200 Open Elective	1
DNHY299 Individualized Studies in Dental Hygiene	1-2	OE 200 Open Elective	N/A
EARLY CHILDHOOD EDUCATION (ECED)			
ECED111 Introduction to Early Childhood Education	3	OE 100 Open Elective	3
ECED162 Emerging Literacy and Language Development	3	OE 100 Open Elective	3
ECED164 Child Guidance and Classroom Management	3	OE 100 Open Elective	3
ECED171 Health, Safety and Nutrition	2	OE 100 Open Elective	2
ECED253 Introduction to Child Development	3	OE 200 Open Elective	3
ECED255 Creative Development for the Young Child	4	OE 200 Open Elective	4
ECED256 Cognitive Development	4	OE 200 Open Elective	4
ECED273 Families, Schools and Communities	3	OE 200 Open Elective	3
ECED274 Infant and Toddler Practicum	3	OE 200 Open Elective	3
ECED277 Leadership in Administration	3	OE 200 Open Elective	3
ECED278 Infant and Toddler Development	3	OE 200 Open Elective	3
ECED283 ECED Student Teaching Seminar I	3	OE 200 Open Elective	3
ECED284 ECED Student Teaching Seminar II	3	OE 200 Open Elective	3
ECED299 Individualized Studies	1-2	OE 200 Open Elective	N/A
ECONOMICS (ECNM)			
ECMN113 Personal Finance	3	FIN101 Personal Finance	3
ECMN151 Macroeconomics	3	ECO221 Principles of Macroeconomics	3
ECMN152 Microeconomics	3	ECO222 Principles of Microeconomics	3
ECNM299 Individualized Studies	1-2	ECO200 Economics Elective/OE 200 Open Elective	N/A
EDUCATION (EDCT)			
EDCT181 Introduction to the Education Profession	3	EDU100 Foundations of Education	3
EDCT252 Principles of Teaching and Learning	3	OE 200 Open Elective	3
EDCT254 Individuals with Exceptionalities	3	OE 200 Open Elective	3
EDCT261 Reading for the Classroom	3	OE 200 Open Elective	3
EDCT262 Language Arts for the Classroom	3	OE 200 Open Elective	3
EDCT263 Mathematics for the Classroom	3	OE 200 Open Elective	3
EDCT264 Educational Technology	3	EDU102 Education Elective	3
EDCT275 Social Issues in Education	3	EDU250 Educational Psychology	3
EDCT287 Work Based Learning I	1-3	OE 200 Open Elective	N/A
EDCT288 Work Based Learning II	1-3	OE 200 Open Elective	N/A
EDCT299 Individualized Studies in Education	1-2	OE 200 Open Elective	N/A
ELECTRONICS (ELECT)			
ELCT111 Electrical Circuits I	3	OE 100 Open Elective	3
ELCT112 Electrical Circuits II	4	OE 100 Open Elective	4
ELCT115 Fabrication Processes for Electronics	2	OE 100 Open Elective	2
ELCT121 Digital Electronics	4	OE 100 Open Elective	4
ELCT123 Introduction to Data Acquisition Instrumentation	2	OE 100 Open Elective	2
ELCT124 Industrial Electricity	3	OE 100 Open Elective	3
ELCT211 Electrical Power and Devices	4	OE 100 Open Elective	4
ELCT221 Microcontrollers	4	OE 200 Open Elective	4

ELCT222 Advanced Microcontroller Applications	4	OE 200 Open Elective	4
ELCT223 Electrical Blueprint Reading	2	OE 200 Open Elective	2
ELCT224 Industrial Electronics	4	OE 200 Open Elective	5
ELCT227 National Electrical Code	2	OE 200 Open Elective	2
ELCT228 Switchgear, Transformers and Control	3	OE 200 Open Elective	3
ELCT229 Transmission and Distribution of Electrical Power	3	OE 200 Open Elective	3
ELCT233 Electronic Devices I	4	OE 200 Open Elective	4
ELCT234 Electronic Devices II	4	OE 200 Open Elective	4
ELCT241 Communications Electronics	4	OE 200 Open Elective	4
ELCT287 Work-Based Learning I	1-3	OE 200 Open Elective	N/A
ELCT288 Work-Based Learning II	1-3	OE 200 Open Elective	N/A
ELCT289 Work-Based Learning III	1-3	OE 200 Open Elective	N/A
ELCT299 Individualized Studies/Electronics	1-2	OE 200 Open Elective	N/A
<i>ELECTRICAL TRADES APRENTICESHIP (ELTA)</i>			
ELTA101 National Electrical Code I Commercial and Industrial	1	OE 100 Open Elective	1
ELTA102 National Electrical Code II Commercial and Industrial	3	OE 100 Open Elective	3
ELTA103 National Electrical Code III Commercial and Industrial	4	OE 100 Open Elective	4
ELTA111 DC Theory: Commercial and Industrial	3	OE 100 Open Elective	3
ELTA112 AC Theory: Commercial and Industrial	5	OE 100 Open Elective	5
ELTA133 Semiconductor Theory: Commercial and Industrial	4	OE 100 Open Elective	4
ELTA204 Motors and Motor Control Commercial and Industrial	4	OE 200 Open Elective	4
ELTA214 Digital Electronics: Commercial and Industrial	5	OE 200 Open Elective	5
ELTA214 Work-Based Learning I	1-3	OE 200 Open Elective	N/A
<i>ELECTRIC POWER UTILITY TECHNOLOGY (ELUT)</i>			
ELUT121 Overhead Line Technology I	6	OE 100 Open Elective	6
ELUT122 Overhead Line Technology II	6	OE 100 Open Elective	6
ELUT123 Substation Technology I	6	OE 100 Open Elective	6
ELUT124 Substation Technology II	6	OE 100 Open Elective	6
ELUT221 Overhead Line Technology III	6	OE 200 Open Elective	6
ELUT222 Overhead Line Technology IV	6	OE 200 Open Elective	6
ELUT224 Substation Technology III	6	OE 200 Open Elective	6
ELUT225 Substation Technology IV	6	OE 200 Open Elective	6
<i>ENGINEERING MECHANICS (EMCH)</i>			
EMCH111 Statics for Technology	3	OE 100 Open Elective	3
EMCH112 Engineering Materials	3	OE 100 Open Elective	3
EMCH211 Strength of Materials	4	OE 200 Open Elective	4
EMCH221 Machine Design	3	OE 200 Open Elective	3
EMCH231 Engineering Statics	3	OE 200 Open Elective	3
<i>EMERGENCY MEDICAL TECHNICIAN BASIC 052-399 (EMSB)</i>			
EMSB101 Emergency Medical Technician-Basic	8	OE 100 Open Elective	8
<i>EMERGENCY MEDICAL TECHNICIAN PARAMEDIC #2-3-005 (EMSP)</i>			
EMSP119 EMS Essentials	2	OE 100 Open Elective	2

EMSP120 Introduction to Advanced Emergency Care	9	OE 100 Open Elective	9
EMSP121 Advanced Emergency Care II	6	OE 100 Open Elective	6
EMSP122 Advanced Emergency Care III	3	OE 100 Open Elective	3
EMSP123 Advanced Emergency Care IV	6	OE 100 Open Elective	6
EMSP124 Advanced Emergency Care V	3	OE 100 Open Elective	3
EMSP129 Paramedic Externship	1	OE 100 Open Elective	1
EMSP299 Individual Studies in Emergency Medical Tech Paramedic	1-2	OE 100 Open Elective	N/A
ENGLISH (ENGL)			
ENGL011 Fundamentals of Writing	3	No Credit	*
ENGL012 Writing Review	3	No Credit	*
ENGL013 Sentence Structure and Grammar Review	2	No Credit	*
ENGL061 Accelerated Writing Review	2	No Credit	*
ENGL161 College Composition I	3	ENG141 Rhetoric & Introductory Research Writing	3
ENGL162 College Composition II	3	ENG142 Writing, Research and Literature	3
ENGL163 College Composition II/Special Topics	3	ENG142 Writing, Research and Literature	3
ENGL164 College Composition II/Technical Topics	3	ENG142 Writing, Research and Literature	3
ENGL165 Creative Writing	3	ENG251 Creative Writing I	3
ENGL166 Writing Fiction	3	ENG252 Creative Writing II: Short Story	3
ENGL167 Writing Poetry	3	ENG253 Creative Writing III: Poetry	3
ENGL168 Playwriting for Stage and Screen	3	OE 100 Open Elective	3
ENGL169 Creative Non-Fiction	3	ENG254 Creative Writing IV: Creative Nonfiction	3
ENGL251 American Literature I	3	ENG293 American Literature I	3
ENGL252 American Literature II	3	ENG294 American Literature II	3
ENGL253G Introduction to World Literature	3	ENG200 English Elective	3
ENGL254G Introduction to Hispanic Literature	3	ENG200 English Elective	3
ENGL255G Introduction to Fiction	3	ENG200 English Elective	3
ENGL257G Introduction to Poetry	3	ENG200 English Elective	3
ENGL259G Introduction to Drama	3	ENG200 English Elective	3
ENGL261G Masterpieces of British Literature I	3	ENG291 British Literature I	3
ENGL262G Masterpieces of British Literature II	3	ENG292 British Literature II	3
ENGL264 Women's Literature	3	ENG200 English Elective	3
ENGL266G African-American Literature	3	ENG200 English Elective	3
ENGL267G Children's Literature	3	ENG200 English Elective	3
ENGL269G Introduction to Shakespeare	3	ENG200 English Elective	3
ENGL271 Introduction to Language and Linguistics	3	OE 200 Open Elective	3
ENGL299 Individualized Studies in English	1-2	OE 200 Open Elective	N/A
ENGINEERING TECHNOLOGIES (ENGR)			
ENGR120 Introduction to Engineering	1	OE 100 Open Elective	1
ENGR199 Introduction to World of Work	1	OE 100 Open Elective	1
ENGR268 Engineering Statistics	3	MAT273 Applied Statistics I	3
ENGR299 Individualized Studies Engineering	1	OE 200 Open Elective	1
ENTREPRENEURSHIP (ENTR)			
ENTR200 Entrepreneurship	3	OE 200 Open Elective	3
ENTR200G Entrepreneurship	3	OE 200 Open Elective	

ENTR201 Entrepreneurial Finance	3	ENT200 Entrepreneurship Elective	3
ENTR202 Entrepreneurial Marketing	3	ENT200 Entrepreneurship Elective	3
ENTR203 Entrepreneurial Management	3	ENT200 Entrepreneurship Elective	3
ENTR204 Entrepreneurial Applications Practicum	3	ENT200 Entrepreneurship Elective	3
ENTR205 New Venture Creation	3	ENT200 Entrepreneurship Elective	3
ENTR287 Work Based Learning I- Entrepreneurship	1-3	OE 200 Open Elective	N/A
ENVIRONMENTAL SCIENCE (ENVS)			
ENVS120 Hazardous Waste Operations and Emergency Response	3	OE 200 Open Elective	3
ENVS286 Internships in Industrial Hygiene	1	OE 200 Open Elective	1
ENGLISH AS A SECOND LANGUAGE (ESLG)			
ESLG011 ESL Grammar Beginning Level	4	No Credit	*
ESLG012 Reading/Culture Beginning Level	4	No Credit	*
ESLG013 Listening/Speaking Beginning Level	4	No Credit	*
ESLG014 Writing Beginning Level	4	No Credit	*
ESLG021 ESL Writing/Grammar Intermediate Level	4	No Credit	*
ESLG022 Reading/Culture Intermediate Level	4	No Credit	*
ESLG023 Listening/Speaking Intermediate Level	4	No Credit	*
ESLG041 Writing Workshop for Non-native Speakers	4	No Credit	*
ESLG115 Vocabulary Development for Improved Communication	2	No Credit	*
ESLG116 Improving Comprehension Through Idioms	2	No Credit	*
ESLG131 ESLG Writing/Grammar Advanced Level	4	No Credit	*
ESLG132 ESLG Reading Culture Advanced Level	4	No Credit	*
ESLG133 ESLG Listening/Speaking Advanced Level	4	No Credit	*
ESLG151 English Acquisition Through Oral Communication	4	No Credit	*
ESLG181 English Acquisition Through Acting	4	No Credit	*
FIRE SCIENCE (FIRE)			
FIRE111 Introduction to Fire Service	3	OE 100 Open Elective	3
FIRE112 Building Design and Construction	3	OE 100 Open Elective	3
FIRE120 Fire Investigation I	3	OE 100 Open Elective	3
FIRE123 Building Design and Construction I	1	OE 100 Open Elective	1
FIRE125 Fire Behavior and Combustion	2	OE 100 Open Elective	2
FIRE127 Firefighter Orientation	1	OE 100 Open Elective	1
FIRE130 Emergency Services Safety and Survival	2	OE 100 Open Elective	2
FIRE131 Firefighting Level I	2	OE 100 Open Elective	2
FIRE132 Firefighting Level II	2	OE 100 Open Elective	2
FIRE134 Fire Protection Hydraulics and Water Supply	2	OE 100 Open Elective	2
FIRE136 Strategy and Tactics	3	OE 100 Open Elective	3
FIRE210 Hazardous Materials Chemistry	2	OE 200 Open Elective	2
FIRE214 Firefighter Tactics and Water Supply I	1	OE 200 Open Elective	1
FIRE215 Firefighter Tactics and Water Supply II	2	OE 200 Open Elective	2
FIRE216 Command and Supervision I	1	OE 200 Open Elective	1
FIRE217 Command and Supervision II	2	OE 200 Open Elective	2
FIRE218 Hazardous Materials Operations	1	OE 200 Open Elective	1
FIRE224 Legal Concepts for Emergency Services	3	OE 200 Open Elective	3

FIRE227 Fire Prevention	3	OE 200 Open Elective	3
FIRE228 Fire and Emergency Service Administration	2	OE 200 Open Elective	2
FIRE229 Fire Protection Systems	2	OE 200 Open Elective	2
FIRE240 Emergency Services Occupational Health and Safety	2	OE 200 Open Elective	2
FIRE299 Individualized Studies in Fire Science	1-2	OE 200 Open Elective	N/A
FINANCE (FNCE)			
FNCE111 Real Estate Principles and Practices	3	OE 100 Open Elective	3
FNCE112 Real Estate Law	3	OE 100 Open Elective	3
FNCE115 Real Estate Finance	1	OE 100 Open Elective	1
FNCE118 Real Estate Appraisal	1	OE 100 Open Elective	1
FNCE251 Business Finance	3	OE 200 Open Elective	3
FNCE287 Work-Based Learning I - Finance	1-3	OE 200 Open Elective	N/A
FNCE288 Work-Based Learning II - Finance	1-3	OE 200 Open Elective	N/A
FNCE289 Work-Based Learning III - Finance	1-3	OE 200 Open Elective	N/A
FNCE299 Individualized Studies in Finance	1-2	OE 200 Open Elective	N/A
FRENCH (FRNH)			
FRNH151 Elementary French I	4	OE 100 Open Elective	4
FRNH152G Elementary French II	4	OE 100 Open Elective	4
FRNH251G Intermediate French I	3	OE 200 Open Elective	3
FRNH252G Intermediate French II	3	OE 200 Open Elective	3
FRNH299G Individualized Studies in French	1-2	OE 200 Open Elective	N/A
GEOGRAPHY (GPHY)			
GPHY111 Introduction to Cartography	3	OE 100 Open Elective	3
GPHY151G Human Geography	3	CUL100 Cultural Studies Elective	3
GPHY152 Geography of the United States and Canada	3	OE 100 Open Elective	3
GERMAN (GRMN)			
GRMN151G Elementary German I	4	OE 100 Open Elective	4
GRMN152G Elementary German II	4	OE 100 Open Elective	4
GRMN251G Intermediate German I	3	OE 200 Open Elective	3
GRMN252G Intermediate German II	3	OE 200 Open Elective	3
HEALTH EDUCATION (HLED)			
HLED150 Drugs, Alcohol and Tabaco	3	NAT291 Drugs in the Body	3
HLED151 Personal Health	2	NAT100 Natural Science Elective	2
HLED152 Community Health	2	NAT100 Natural Science Elective	2
HLED153 First Aid and Safety	2	OE 100 Open Elective	2
HLED154 Cardio-Pulmonary Resuscitation (CPR)	1	OE 100 Open Elective	1
HLED155 HIV/AIDS	1	OE 100 Open Elective	1
HLED156 Health and Wellness	2	NAT100 Natural Science Elective	2
HLED157 Women's Health	3	NAT100 Natural Science Elective	3
HLED159 Wilderness and Remote First Aid	2	NAT100 Natural Science Elective	2
HLED162 Modular Education Program for Activity Professionals	8	OE 100 Open Elective	8
HLED163 Modular Education Program for Activity Professionals II	8	OE 100 Open Elective	8

HLED164 CPR Renewal Certification- AHA/BLS/HCP	1	OE 100 Open Elective	1
HLED181 Nutrition and Weight Management Strategies	2	NAT100 Natural Science Elective	2
HLED221 Health Promotion and Behavior Change	3	NAT200 Natural Science Elective	3
HUMAN SERVICES (HMSR)			
HMSR111 Principles of Interviewing and Counseling	3	OE 100 Open Elective	3
HMSR121 Introduction to Gerontology	3	OE 100 Open Elective	3
HMSR131 Diverse Populations in the Human Services	3	OE 100 Open Elective	3
HMSR132 Addiction Counseling I	3	OE 100 Open Elective	3
HMSR141 Introduction to Chemical Dependency	3	OE 100 Open Elective	3
HMSR161 Family and Intimate Violence	3	OE 100 Open Elective	3
HMSR211 Crisis Intervention	3	OE 200 Open Elective	3
HMSR212 Case Management	3	OE 200 Open Elective	3
HMSR213 Group Work in Human Services	3	OE 200 Open Elective	3
HMSR232 Addiction Counseling II	3	OE 200 Open Elective	3
HMSR233 Addiction Counseling Practicum	4	OE 200 Open Elective	4
HMSR234 Mental Health Counseling for Social Workers	3	OE 200 Open Elective	3
HMSR285 Human Services Practicum and Seminar	4	OE 200 Open Elective	4
HMSR287 Work-Based Learning I- Human Services	1-3	OE 200 Open Elective	N/A
HMSR299 Individualized Studies in Human Services	1-2	OE 200 Open Elective	N/A
HEALTH/PHYSICAL EDUCATION (HPED)			
HPED120 Senior Fitness Assessment	1	OE 100 Open Elective	1
HPED151 Physical Education for the School Age Child	3	OE 100 Open Elective	3
HPED152 Application of Activities Across a Lifespan	3	OE 100 Open Elective	3
HPED164 Introduction to Athletic Coaching	3	OE 100 Open Elective	3
HPED165 Introduction to Exercise Science	3	EXS146 Introduction to Exercise Science	3
HPED166 Group Exercise Instructor Preparation	3	OE 100 Open Elective	3
HPED172 Exercise Management for Special Populations	2	OE 100 Open Elective	2
HPED173 Biomechanics of Resistance Training	3	OE 100 Open Elective	3
HPED222 Fundamentals of Strength & Conditioning Programming	3	OE 100 Open Elective	3
HPED261 Exercise Physiology Foundations	3	EXS200 Exercises Science Elective	3
HPED265 Prev and Care of Sport Injuries for the Sports Profe	3	NAT124 Introduction to Athletic Training	3
HPED272 Exercise Physiology II	3	EXS200 Exercises Science Elective	3
HPED275 Kinesiology	3	EXS200 Exercises Science Elective	3
HPED277 Measurement&Evaluation in Exercise, Sport&Physical Ed	3	OE 200 Open Elective	3
HPED278 Sport and Fitness Certification Preparation	3	OE 200 Open Elective	3
HPED285 Practicum and Seminar- Health, Physical Education	2	OE 200 Open Elective	2
HPED287 Work Based Learning I- HPED	1-3	OE 200 Open Elective	N/A
HISTORY (HSTR)			
HSTR151 Civilization I	3	HIS211 Western Society to 1500	3
HSTR152G Civilization II	3	HIS100 History Elective	3
HSTR161 United States I	3	HIS111 American Society to 1865	3
HSTR162 United States II	3	HIS112 American Society since 1865	3
HSTR171G The World Since 1900	3	HIS100 History Elective	3
HSTR176 Ohio History	3	HIS100 History Elective	3

HSTR252G Women in World History	3	HIS200 History Elective	3
HSTR267G African-American Heritage	3	HIS200 History Elective	3
HSTR299 Individualized Studies in History	1-2	OE 200 Open Elective	N/A
<i>HUMANITIES (HUMS)</i>			
HUMS151G Introduction to Humanities	3	CUL100 Cultural Studies Elective	3
HUMS254 Addiction in Literature and Film	3	CUL200 Cultural Studies Elective	
HUMS261G Intro to Great Books: Ancient World to the Renais	3	CUL200 Cultural Studies Elective	3
HUMS262G Intron to Great Books: Early Modern to the 20th Cen	3	CUL200 Cultural Studies Elective	3
HUMS263 Introduction to Folklore	3	CUL200 Cultural Studies Elective	3
HUMS264G Introduction to Asian Cultures and Literature	3	CUL200 Cultural Studies Elective	3
HUMS271G Introduction to Mythology	3	CUL200 Cultural Studies Elective	3
HUMS274 Film Appreciation	3	OE 200 Open Elective	3
HUMS281 Introduction to American Cinema	3	OE 200 Open Elective	3
HUMS299 Individualized Studies in Humanities	1-2	OE 200 Open Elective	N/A
<i>INTERNATIONAL STUDIES (INTL)</i>			
INTL151G Principles of International Studies I	3	OE 100 Open Elective	3
INTL152G Principles of International Studies II	3	OE 100 Open Elective	3
INTL299G Individualized Studies in International Studies	1-2	OE 200 Open Elective	N/A
<i>JAPANESE (JAPN)</i>			
JAPN151G Elementary Japanese I	4	OE 100 Open Elective	4
JAPN152G Elementary Japanese II	4	OE 100 Open Elective	4
JAPN251G Intermediate Japanese I	3	OE 200 Open Elective	3
JAPN252G Intermediate Japanese II	3	OE 200 Open Elective	3
<i>JOURNALISM (JRNM)</i>			
JRNM151 Journalism I	3	COM100 Communication Elective	3
JRNM152 Journalism II	3	COM218 News Writing	3
JRNM153 Principles of Public Relations	3	COM212 Introduction to Public Relations	3
JRNM221 Introduction to Photojournalism	3	COM200 Communication Elective	3
JRNM222 Newspaper Editing and Design	3	COM200 Communication Elective	3
JRNM223 Social Media for the Newsroom	4	COM200 Communication Elective	4
JRMN285 Staff Practice/Newspaper	1	OE 200 Open Elective	1
JRMN286 Journalism Internship	1	OE 200 Open Elective	1
JRMN299 Individualized Studies in Journalism	1-2	COM200 Commun Elective/OE 200 Open Elective	N/A
<i>MEDICAL ASSISTING (MDAS)</i>			
MDAS101 Fundamental Procedures	3	OE 100 Open Elective	3
MDAS102 Insurance and Coding in the Medical Office	3	OE 100 Open Elective	3
MDAS103 Basic Administrative Medical Assisting Functions	1	OE 100 Open Elective	1
MDAS104 Bookkeeping Functions in the Medical Office	2	OE 100 Open Elective	2
MDAS105 Diagnostic Testing in the Medical Office	2	OE 100 Open Elective	2
MDAS106 Specimen Collection in the Medical Office	2	OE 100 Open Elective	2
MDAS107 Patient Care in the Medical Office	5	OE 100 Open Elective	5
MDAS108 Medical Assisting Practicum	1	OE 100 Open Elective	1

MICRO-ELECTROMECHANICAL SYSTEMS (MEMS)			
MEMS122 Intro to the Micro-Electromechanical Systems (MEMS)	4	OE 100 Open Elective	4
MEMS132 MEMS Packaging	3	OE 100 Open Elective	3
MEMS211 Micro-Fabrication Processing	3	OE 200 Open Elective	3
MEMS221 Micro-System Capstone Project	3	OE 200 Open Elective	3
MEMS287 Work-Based Learning I	1-3	OE 200 Open Elective	N/A
MEMS288 Work-Based Learning II	1-3	OE 200 Open Elective	N/A
MEMS289 Work Based Learning III	1-3	OE 200 Open Elective	N/A
MEMS299 Indiv Studies in Micro-Electromechanical Systems	1-2	OE 200 Open Elective	N/A
MEMS311 PCB and Flex Design	3	OE 200 Open Elective	3
MARKETING (MKRG)			
MKRG113 Principles of Salesmanship	3	MKT100 Marketing Elective	3
MKRG211 Applied Marketing Essentials	3	MKT200 Marketing Elective	3
MKRG221 Consumer Behavior	3	MKT252 Buyer Behavior	3
MKRG245 Social Media Marketing	3	MKT200 Marketing Elective	3
MKRG247 Services Marketing	3	MKT200 Marketing Elective	3
MKRG251 Principles of Marketing	3	MKT151 Introductory Marketing	3
MKRG255 Advertising and Promotion Management	3	MKT253 Marketing Communications	3
MKRG256 Retail Management	3	MKT200 Marketing Elective	3
MKRG258 Advanced Sales Techniques	3	MKT200 Marketing Elective	3
MKRG287 Work-Based Learning I-Marketing	1-3	MKT200 Marketing Elective/OE 200 Open Elective	N/A
MKRG288 Work Based Learning II	1-3	MKT200 Marketing Elective/OE 200 Open Elective	N/A
MKRG289 Work-Based Learning III	1-3	MKT200 Marketing Elective/OE 200 Open Elective	N/A
MKRG299 Individualized Studies in Marketing	1-2	MKT200 Marketing Elective/OE 200 Open Elective	N/A
MATHEMATICS (MTHM)			
MTHM024 Geometry	2	No Credit	*
MTHM031 Math Applications	4	No Credit	*
MTHM033 Introduction to Technical Mathematics	3	No Credit	*
MTHM041 Pre-Algebra	2	No Credit	*
MTHM051 Beginning Algebra Part I	2	No Credit	*
MTHM058 Foundations of Quantitative Reasoning	3	No Credit	*
MTHM061 Beginning Algebra Part II	2	No Credit	*
MTHM071 Intermediate Algebra Part I	2	No Credit	*
MTHM081 Intermediate Algebra Part II	2	No Credit	*
MTHM121 Technical Mathematics I	4	MAT101 Mathematics Elective	4
MTHM122 Technical Mathematics II	3	MAT101 Mathematics Elective	3
MTHM150 The Art of Mathematical Thinking	3	MAT101 Mathematics Elective	3
MTHM151 College Mathematics	3	MAT101 Mathematics Elective	3
MTHM158 Quantitative Reasoning	3	MAT185 Quantitative Reasoning	3
MTHM161 Mathematics for Elementary Teachers I	3	MAT101 Mathematics Elective	3
MTHM162 Mathematics for Elementary Teachers II	3	MAT101 Mathematics Elective	3
MTHM168 Statistics	3	MAT273 Applied Statistics I	3
MTHM171 College Algebra	4	MAT181 College Algebra	4
MTHM172 Precalculus	3	MAT275 Pre-Calculus	3

MTHM175 College Algebra and Precalculus	5	MAT101 Mathematics Elective	5
MTHM178 Business Calculus	4	MAT101 Mathematics Elective	4
MTHM181 Calculus I	5	MAT281 Calculus I	3
MTHM182 Calculus II	5	MAT101 Mathematics Elective	5
MTHM221 Technical Calculus	3	MAT200 Mathematics Elective	3
MTHM222 Advanced Technical Calculus	3	MAT200 Mathematics Elective	3
MTHM268 Engineering Statistics	3	MAT273 Applied Statistics I	3
MTHM270 Discrete Mathematics	3	MAT200 Mathematics Elective	3
MTHM280 Linear Algebra	4	MAT200 Mathematics Elective	4
MTHM281 Multivariable Calculus	4	MAT200 Mathematics Elective	4
MTHM283 Differential Equations	3	MAT200 Mathematics Elective	3
MTHM299 Individualized Studies in Mathematics	1-2	OE 200 Open Elective	N/A
MUSIC (MUSA)			
MUSA151 Applied Brass for Non-Music Majors	1-2	OE 100 Open Elective	N/A
MUSA152 Applied Guitar for Non-Music Majors	1-2	OE 100 Open Elective	N/A
MUSA153 Applied Keyboard for Non-Music Majors	1-2	OE 100 Open Elective	N/A
MUSA154 Applied Percussion for Non-Music Majors	1-2	OE 100 Open Elective	N/A
MUSA155 Applied Strings for Non-Music Majors	1-2	OE 100 Open Elective	N/A
MUSA156 Applied Voice for Non-Music Majors	1-2	OE 100 Open Elective	N/A
MUSA157 Applied Woodwinds for Non-Music Majors	1-2	OE 100 Open Elective	N/A
MUSA161 Applied Music: Brass	1-2	OE 100 Open Elective	N/A
MUSA162 Applied Music: Guitar	1-2	OE 100 Open Elective	N/A
MUSA163 Applied Music: Keyboard	1-2	OE 100 Open Elective	N/A
MUSA164 Applied Music: Percussion	1-2	OE 100 Open Elective	N/A
MUSA165 Applied Music: Strings	1-2	OE 100 Open Elective	N/A
MUSA166 Applied Music: Voice	1-2	OE 100 Open Elective	N/A
MUSA167 Applied Music: Woodwinds	1-2	OE 100 Open Elective	N/A
MUSA168 Applied Music: Composition	1-2	OE 100 Open Elective	N/A
MUSA169 Applied Music: Conducting	1-2	OE 100 Open Elective	N/A
MUSA261 Applied Music: Brass	1-2	OE 100 Open Elective	N/A
MUSA262 Applied Music: Guitar	1-2	OE 100 Open Elective	N/A
MUSA263 Applied Music: Keyboard	1-2	OE 100 Open Elective	N/A
MUSA264 Applied Music: Percussion	1-2	OE 100 Open Elective	N/A
MUSA265 Applied Music: Strings	1-2	OE 100 Open Elective	N/A
MUSA266 Applied Music: Voice	1-2	OE 100 Open Elective	N/A
MUSA267 Applied Music: Woodwinds	1-2	OE 100 Open Elective	N/A
MUSA268 Applied Music: Composition	1-2	OE 100 Open Elective	N/A
MUSA269 Applied Music: Conducting	1-2	OE 100 Open Elective	N/A
MUSA299 Individualized Studies in MUSA	1-2	OE 100 Open Elective	N/A
MUSIC (MUSC)			
MUSC101 Civic Chorale	1	OE 100 Open Elective	1
MUSC102 Civic Concert Band	1	OE 100 Open Elective	1
MUSC103 Civic Orchestra	1	OE 100 Open Elective	1
MUSC111 Collegiate Chorale	1	OE 100 Open Elective	1
MUSC153 Fundamentals of Music	3	MUS101 Music Elective	3

MUSC155 Elementary Class Piano I	2	MUS101 Music Elective	2
MUSC156 Elementary Class Piano II	2	MUS101 Music Elective	2
MUSC165 Vocal Ensemble	1	OE 100 Open Elective	1
MUSC166 Instrumental Jazz Ensemble	1	OE 100 Open Elective	1
MUSC171 Music Theory I	3	MUP101 Music Fundamentals	3
MUSC172 Music Theory II	3	MUP121 Musicianship I	3
MUSC181 Sight Singing and Ear Training I	1	OE 100 Open Elective	1
MUSC182 Sight Singing and Ear Training II	1	OE 100 Open Elective	1
MUSC251G Music History I	3	MUS200 Music Elective	3
MUSC252G Music History II	3	MUS200 Music Elective	3
MUSC261G Music Appreciation	3	MUS223 Music Appreciation	3
MUSC262G Music as a World Phenomenon	3	MUS200 Music Elective	3
MUSC271 Music Theory III	3	MUP221 Musicianship II	3
MUSC272 Music Theory IV	3	MUS200 Music Elective	3
MSUC273 Craft of Composition	3	MUS200 Music Elective	3
MSUC274G Black Composers in America	3	MUS200 Music Elective	3
MUSC281 Sight Singing and Ear Training III	1	OE 200 Open Elective	1
MUSC282 Sight Singing and Ear Training IV	1	OE 200 Open Elective	1
MSUC299 Individualized Studies in Music	1-2	OE 200 Open Elective	N/A
MILLWRIGHT (MWRT)			
MWRT111 Millwright Tools and Equipment	2	OE 100 Open Elective	2
MWRT114 Plant Layout and Installation	2	OE 100 Open Elective	2
MWRT211 Mechanical Power Transmission Systems	2	OE 200 Open Elective	2
ASSOCIATE DEGREE NURSING AND (NURS)			
NURS100 Fundamentals of Nursing	4	OE 100 Open Elective	4
NURS101 Advanced Placement LPN to RN	3	OE 100 Open Elective	3
NURS116 Maternal-Newborn Nursing	2	OE 100 Open Elective	2
NURS118 Geriatric Nursing	1	OE 100 Open Elective	1
NURS121 Nursing Concepts I	4	OE 100 Open Elective	4
NURS122 Nursing Concepts II	4	OE 100 Open Elective	4
NURS123 Pharmacology I	2	OE 100 Open Elective	2
NURS124 Pharmacology II	1	OE 100 Open Elective	1
NURS126 Maternal-Newborn Nursing	3	OE 100 Open Elective	3
NURS128 Comprehensive Adult Nursing I	6	OE 100 Open Elective	6
NURS129 Behavioral Health Nursing	3	OE 100 Open Elective	3
NURS130 Advanced Placement Certified Paramedic to RN	3	OE 100 Open Elective	3
NURS138 Maternal - Pediatric Nursing	3	OE 100 Open Elective	3
NURS210 Comprehensive Adult Nursing II	8	OE 200 Open Elective	8
NURS213 Comprehensive Adult Nursing III	4	OE 200 Open Elective	4
NURS214 Child Health Nursing	3	OE 200 Open Elective	3
NURS215 Concepts of Professional Nursing Practice	4	OE 200 Open Elective	4
NURS221 Nursing Concepts III	4	OE 200 Open Elective	4
NURS222 Nursing Concepts IV	4	OE 200 Open Elective	4
NURS223 Pharmacology III	1	OE 200 Open Elective	1
NURS224 Behavioral Health Nursing	3	OE 200 Open Elective	3

NURS225 Manager of Care/Capstone	4	OE 200 Open Elective	4
NURS226 Nursing Concepts Synthesis	1	OE 200 Open Elective	
NURS287 Work Based Learning I	1-3	OE 200 Open Elective	N/A
NURS288 Work Based Learning II	1-3	OE 200 Open Elective	N/A
NURS299 Individualized Studies in Nursing	1-2	OE 200 Open Elective	N/A
OCCUPATIONAL THERAPY ASSISTANT (OCTA)			
OCTA102 Activity Analysis	2	OE 100 Open Elective	2
OCTA110 Psychosocial Level I Fieldwork	1	OE 100 Open Elective	1
OCTA111 Therapy Concepts	3	OE 100 Open Elective	3
OCTA112 Pediatric Level I Fieldwork	1	OE 100 Open Elective	1
OCTA113 OT Documentation	1	OE 100 Open Elective	1
OCTA115 Mental Health OT	4	OE 100 Open Elective	4
OCTA120 Neuromuscular Applications	3	OE 100 Open Elective	3
OCTA121 OT in Geriatrics	1	OE 100 Open Elective	1
OCTA125 Pediatric Occupational Therapy	5	OE 100 Open Elective	5
OCTA205 Level II Fieldwork	6	OE 200 Open Elective	6
OCTA206 Assistive Technology	2	OE 200 Open Elective	2
OCTA207 Physical Dysfunction Level I Fieldwork	1	OE 200 Open Elective	1
OCTA208 Occupational Therapy Issues	1	OE 200 Open Elective	1
OCTA210 Physical Rehab OT	6	OE 200 Open Elective	6
Police Academy (PACD)			
PACD101 Basic Police Academy 1	9	JUS110 Intro to CJ, JUS201 Crim Law, ENF100	9
PACD102 Basic Police Academy 2	9	ENF239 Applied Crim Invest & Criminalistics, JUS100	9
PACD103 Basic Police Academy 3	9	ENF150 Police&Society , ENF100 Law Enf Elective	9
PACD104 Basic Police Academy 4	9	ENF100 Law Enforcement Elective	9
PUBLIC ADMINISTRATION (PBAD)			
PBAD151 Introduction to Public Administration	3	OE 100 Open Elective	3
PBAD152 Program and Service Planning and Evaluation	3	OE 100 Open Elective	3
PBAD155 Budget and Finance for Community Organizations	3	OE 100 Open Elective	3
PBAD158 Human Resource and Volunteer Management	3	OE 100 Open Elective	3
PBAD161 Fundraising and Grantmanship	3	OE 100 Open Elective	3
PBAD251 Organizational Leadership	3	OE 200 Open Elective	3
PBAD252 Survey of Legal Concepts	3	OE 200 Open Elective	3
PBAD285 Public Administration Practicum and Seminar	3	OE 200 Open Elective	3
PBAD299 Individualized Studies in Public Administration	1-2	OE 200 Open Elective	
PHYSICAL EDUCATION/SELF DEFENSE (PEDF)			
PEDF151 Karate	1	OE 100 Open Elective	1
PEDF152 Personal Self-Defense	1	OE 100 Open Elective	1
PEDF153 Fencing	1	OE 100 Open Elective	1
PHYSICAL EDUCATION/FITNESS (PEFT)			
PEFT131 Aerobic Spinning	1	OE 100 Open Elective	1
PEFT132 Zumba	1	OE 100 Open Elective	1

PEFT133 T-Bow Fitness	1	OE 100 Open Elective	1
PEFT134 Zumba Toning Fitness	1	OE 100 Open Elective	1
PEFT135 Aqua Aerobics	1	OE 100 Open Elective	1
PEFT136 CrossFit	1	OE 100 Open Elective	1
PEFT151 Lifetime Fitness	1	OE 100 Open Elective	1
PEFT152 Lifetime Fitness II	1	OE 100 Open Elective	1
PEFT153 Strength and Resistance Training	1	OE 100 Open Elective	1
PEFT154 Resistance Training for Women	1	OE 100 Open Elective	1
PEFT155 Personal Conditioning	1	OE 100 Open Elective	1
PEFT161 Body Toning	1	OE 100 Open Elective	1
PEFT163 Step Aerobics	1	OE 100 Open Elective	1
PEFT165 Cardio-Kickboxing	1	OE 100 Open Elective	1
PEFT166 Combo-Kickboxing/Step Aerobics	1	OE 100 Open Elective	1
PEFT167 Pilates	1	OE 100 Open Elective	1
PEFT168 Abdominal Workout	1	OE 100 Open Elective	1
PEFT169 Pilates II	1	OE 100 Open Elective	1
PEFT175 Walk, Job or Run	1	OE 100 Open Elective	1
PEFT176 Beginning Scuba	1	OE 100 Open Elective	1
PEFT185 Ropes Course	1	OE 100 Open Elective	1
PEFT299 Individualized Studies in Physical Education-Fitness	1-2	OE 100 Open Elective	N/A
PHYSICAL EDUCATION/SPORTS (PESP)			
PESP151 Basketball	1	OE 100 Open Elective	1
PESP152 Slow Pitch Softball	1	OE 100 Open Elective	1
PESP153 Volleyball	1	OE 100 Open Elective	1
PESP154 Flag Football	1	OE 100 Open Elective	1
PESP161 Golf I	1	OE 100 Open Elective	1
PESP162 Golf II	1	OE 100 Open Elective	1
PESP165 Bowling	1	OE 100 Open Elective	1
PESP173 Tennis	1	OE 100 Open Elective	1
PHYSICAL EDUCATION/WELLNESS (PEWL)			
PEWL151 Stress Management	1	OE 100 Open Elective	1
PEWL170 Service Learning I/Stress Management	1	OE 100 Open Elective	1
PEWL180 Yoga Workout	1	OE 100 Open Elective	1
PEWL186 Yoga I	1	OE 100 Open Elective	1
PEWL187 Yoga II	1	OE 100 Open Elective	1
PEWL188 Tai Chi	1	OE 100 Open Elective	1
PEWL189 Introduction to Meditation	1	OE 100 Open Elective	1
PHLEBOTOMY (PHBT)			
PHBT111 Basic Laboratory Techniques	2	OE 100 Open Elective	2
PHTB121 Phlebotomy Clinical Practicum	3	OE 100 Open Elective	3
PHILOSOPHY (PHLY)			
PHLY151G Introduction to Philosophy	3	PHI110 The Art of Reasoning	3
PHLY161 Introduction to Ethics	3	PHI215 Ethics	3

PHLY165 Bioethics	3	PHI100 Philosophy Elective	3
PHLY171 Introduction to Logic	3	PHI212 Symbolic Logic	3
PHLY174 Critical Thinking	3	PHI100 Philosophy Elective	3
PHLY262G Introduction to Eastern Philosophy	3	PHI200 Philosophy Elective	3
PHLY270G Religion and Science	3	PHI200 Philosophy Elective	3
PHLY271G Social and Political Philosophy	3	PHI200 Philosophy Elective	3
PHLY281G Philosophy of Religion	3	PHI200 Philosophy Elective	3
PHLY299 Individualized Studies in Philosophy	1-2	OE 200 Open Elective	N/A
PHYSICS (PHYC)			
PHYC115 Physics for the Allied Health Sciences	4	PHY100 Physics Elective	4
PHYC150 General Physics I	4	PHY100 Physics Elective	4
PHYC152 General Physics II	5	PHY100 Physics Elective	5
PHYC251 College Physics I	5	PHY211 General Physics I & Lab	5
PHYC252 College Physics II	5	PHY211 General Physics I & Lab	5
PHYC299 Individualized Studies in Physics	1-2	OE 200 Open Elective	N/A
POLITICAL SCIENCE (PLSC)			
PLSC151G Comparative Politics	3	POL100 Political Science Elective	3
PLSC155 State and Local Government	3	POL100 Political Science Elective	3
PLSC156 American National Government	3	POL101 Intro to the American Political Process	3
PLSC157G Contemporary World Problems	3	POL100 Political Science Elective	3
PLSC251 Introduction to Social and Political Research	3	POL200 Political Science Elective	3
PLSC263G Women and Politics	3	POL200 Political Science Elective	3
PLSC299 Individualized Studies in Political Science	1-2	OE 200 Open Elective	N/A
PRACTICAL NURSING (PRNS)			
PRNS110 Introduction to Medications	1	OE 100 Open Elective	1
PRNS111 Fundamentals of Medical/Surgical Nursing I	10	OE 100 Open Elective	10
PRNS112 Medical/Surgical Nursing II	12	OE 100 Open Elective	12
PRNS116 Maternity Nursing	2	OE 100 Open Elective	2
PRNS118 Pediatric Nursing	2	OE 100 Open Elective	2
PRNS120 Management in Geriatrics	2	OE 100 Open Elective	2
PHYSICAL SCIENCE (PSSC)			
PSSC153 Physical Science	4	NAT201 Principles of Physical Science	4
PSSC156 Physical Geology	4	NAT100 Natural Science Elective	4
PSSC157 Historical Geology	4	NAT100 Natural Science Elective	4
PSSC158G Meteorology	3	NAT100 Natural Science Elective	3
PSSC159G Ocean Studies	3	NAT210 Oceanography	3
PSSC160G Introduction to Climate Studies	3	NAT100 Natural Science Elective	3
PSSC161G Earth Science	3	NAT205 Earth Science	3
PSSC251 Mineralogy	4	NAT200 Natural Science Elective	4
PSSC299 Individualized Studies in Physical Science	1-2	OE 200 Open Elective	N/A
PSYCHOLOGY (PSYH)			
PSYH151 Introduction to Psychology	3	PSY101 Introduction to Psychology	3

PSYH251 Human Growth and Development	3	PSY265 Lifespan Development	3
PSYH253 Child Development	3	PSY200 Psychology Elective	3
PSYH254 Adolescent Development	3	PSY200 Psychology Elective	3
PSYH256 Adulthood and Aging	3	PSY200 Psychology Elective	3
PSYH257 Abnormal Psychology	3	PSY200 Psychology Elective	3
PSYH259 Human Sexuality	3	PSY269 Human Sexuality	3
PSYH261 Social Psychology	3	SOC250 Social Psychology	3
PSYH262 Psychology of the Information Age	3	PSY200 Psychology Elective	3
PSYH263 Personality Theories	3	PSY263 Theories of Personality	3
PSYH271 Quantitative Methods in Behavioral Sciences	4	PSY200 Psychology Elective	4
PSYH272 Research Methods in Psychology	4	PSY200 Psychology Elective	4
PSYH273 Industrial/Organizational Psychology	3	PSY200 Psychology Elective	3
PSYH274 Psychology of Adjustment	3	PSY200 Psychology Elective	3
PSYH275 Psychology of Gender	3	PSY200 Psychology Elective	3
PSYH276 Professional and Career Issues in Psychology	1	OE 200 Open Elective	1
PSYH277 Advanced Research Project in Psychology	4	PSY200 Psychology Elective	4
PSYH287 Work Based Learning I	1-3	PSY200 Psychology Elective/OE 200 Open Elective	N/A
PSYH299 Individualized Studies in Psychology	1-2	PSY200 Psychology Elective/OE 200 Open Elective	N/A
PHYSICAL THERAPIST ASSISTING (PTHA)			
PTHA105 Foundations of Physical Therapist Assisting	2	OE 100 Open Elective	2
PTHA111 Introduction to Physical Therapist Assisting	2	OE 100 Open Elective	2
PTHA112 Functional Anatomy and Kinesiology	4	OE 100 Open Elective	4
PTHA121 Physical Therapist Assisting Procedures I	5	OE 100 Open Elective	5
PTHA122 Physical Therapist Assisting Procedures II	5	OE 100 Open Elective	5
PTHA221 Rehabilitation Principles I	3	OE 200 Open Elective	3
PTHA222 Rehabilitation Principles II	4	OE 200 Open Elective	4
PTHA241 Clinical Practicum I	3	OE 200 Open Elective	3
PTHA242 Clinical Practicum II	3	OE 200 Open Elective	3
PTHA243 Clinical Practicum III	5	OE 200 Open Elective	5
PTHA245 Advanced Topics and Clinical Critique	3	OE 200 Open Elective	3
QUALITY ASSURANCE (QLTY)			
QLTY111 Quality Measurements- Metrology	3	OE 100 Open Elective	3
QLTY121 Quality Assurance Techniques (SPC)	2	OE 100 Open Elective	2
QLTY121G Quality Assurance Techniques (SPC)	2	OE 100 Open Elective	2
QLTY122 Basic Quality Tools and Applications	3	OE 100 Open Elective	3
QLTY221 Quality Management Principles and Practices	3	OE 200 Open Elective	3
QLTY222 Internal Plant Logistics	3	OE 200 Open Elective	3
QLTY224 Lean Management Principles and Practices	3	MGT200 Management Elective	3
QLTY226 Six Sigma Basic Tools and Techniques	3	MGT200 Management Elective	3
QLTY232 Sampling and Inspection Control	2	MGT200 Management Elective	2
QLTY234 Lean Six Sigman For Process Improvement	4	MGT200 Management Elective	4
QLTY235 Quality Audit and Corrective Action	2	MGT200 Management Elective	2
QLTY236 Reliability Centered Maintenance Technologies	3	MGT200 Management Elective	3
QLTY287 Work-Based Learning I	1-3	OE 200 Open Elective	N/A
QLTY288 Work-Based Learning II	1-3	OE 200 Open Elective	N/A

READING AND STUDY SKILLS (RDST)			
RDST021 College Reading I	3	No Credit	*
RDST022 College Reading II	3	No Credit	*
RDST031 College Study Skills	2	No Credit	*
RADIOLOGIC TECHNOLOGY (RDTC)			
RDTC110 Introduction to Radiography	3	OE 100 Open Elective	3
RDTC114 Radiographic Procedures I	4	OE 100 Open Elective	4
RDTC116 Radiographic Procedures II	4	OE 100 Open Elective	4
RDTC117 Radiographic Physics and Equipment	3	OE 100 Open Elective	3
RDTC118 Imaging Techniques and Processing	4	OE 100 Open Elective	4
RDTC119 Advanced Procedures and Modalities	4	OE 100 Open Elective	4
RDTC211 Image Critique	2	OE 200 Open Elective	2
RDTC212 Radiologic Pathology	2	OE 200 Open Elective	2
RDTC213 Radiologic Imaging Science	5	OE 200 Open Elective	5
RDTC234 Trends in Radiology	5	OE 200 Open Elective	5
RDTC236 Radiobiology and Protection	2	OE 200 Open Elective	2
RDTC299 Individualized Studies in Radiologic Technology	1-2	OE 200 Open Elective	N/A
RELIGION (RELG)			
RELG181 Introduction to World Religions	3	CUL220 Religions of the World	3
RELG182G Introduction to Religious Studies	3	OE 200 Open Elective	3
RELG251G Exploring the Bible	3	OE 200 Open Elective	3
RELG261 Religion in America	3	OE 200 Open Elective	3
RELG262G Introduction to Eastern Philosophy	3	OE 200 Open Elective	3
RELG270G Religion and Science	3	OE 200 Open Elective	3
RELG281G Philosophy of Religion	3	OE 200 Open Elective	3
RELG299 Individualized Studies in Religion	1-2	OE 200 Open Elective	N/A
Safety Technology (SAFE)			
SAFE105 OSHA General Safety 10 HR	1	OE 100 Open Elective	1
SAFE110 Combustible Dusts	1	OE 100 Open Elective	1
SAFE116 General Safety Management I	2	OE 100 Open Elective	2
SAFE118 General Safety Management II	2	OE 100 Open Elective	2
SAFE120 Emergency Planning	2	OE 100 Open Elective	2
SAFE130 Respirator Protection	2	OE 100 Open Elective	2
SAFE135 Hazwoper	3	OE 100 Open Elective	3
SAFE140 OSHA Standards for General Industry	2	OE 100 Open Elective	2
SAFE145 Safety in General Industry	2	OE 100 Open Elective	2
SAFE205 Hazardous Materials	2	OE 200 Open Elective	2
SAFE210 OSHA Accident Investigation	1	OE 200 Open Elective	1
SAFE215 Fall Arrest Systems	2	OE 200 Open Elective	2
SAFE220 OSHA Electrical Standards	2	OE 200 Open Elective	2
SAFE225 OSHA Guide to Industrial Hygiene	2	OE 200 Open Elective	2
SAFE230 Principles of Ergonomics	1	OE 200 Open Elective	1
SAFE235 Machine Guarding Basics	2	OE 200 Open Elective	2

SAFE240 Lockout Tagout- Controlling Hazardous Energy	1	OE 200 Open Elective	1
SAFE245 Permit Required Confined Space	2	OE 200 Open Elective	2
SAFE287 Work Based Learning I	1-3	OE 200 Open Elective	N/A
SUBSTAINABLE AGRICULTURE (SAGR)			
SAGR101 Fall Crop Production	3	OE 100 Open Elective	3
SAGR102 Spring Crop Production	3	OE 100 Open Elective	3
SAGR103 Summer Crop Production	3	OE 100 Open Elective	3
SAGR105 Introduction to Interior Landscaping	3	OE 100 Open Elective	3
SAGR106 Soil Management and Conservation	3	OE 100 Open Elective	3
SAGR107G Worldviews to Support Sustainable Agriculture	1	OE 100 Open Elective	1
SAGR108 Introduction to Sustainable Animal Farming	4	OE 100 Open Elective	4
SAGR109 Wild Edibles	1	OE 100 Open Elective	1
SAGR110 Permaculture: Principles and Applications	4	OE 100 Open Elective	4
SAGR111 Permaculture Design for Community	2	OE 100 Open Elective	2
SAGR112 Business Principles of Sustainable Agriculture	3	OE 100 Open Elective	3
SAGR113 Plant Propagation	2	OE 100 Open Elective	2
SAGR114 Introduction to Sustainable Agriculture	3	OE 100 Open Elective	3
SAGR115G Food Systems, Society and Global Health	3	OE 100 Open Elective	3
SAGR170 Service Learning I/Sustainable Agriculture	1-3	OE 100 Open Elective	N/A
SAGR287 Work Based Learning Sustainable Agriculture	1-3	OE 200 Open Elective	N/A
SAGR288 Work Based Learning II	1-3	OE 200 Open Elective	N/A
SAGR289 Work Based Learning III	1-3	OE 200 Open Elective	N/A
SAGR299 Individualized Studies	1-2	OE 200 Open Elective	N/A
STUDENT DEVELOPMENT (SDEV)			
SDEV101 College 101	1	No Credit	*
SDEV102 Strategies for College Success	3	OE 100 Open Elective	3
SDEV103 Career Exploration and Life Planning	2	OE 100 Open Elective	2
SDEV104 Job Search Strategies	1	OE 100 Open Elective	1
SDEV105 Student Success and Major Exploration	2	OE 100 Open Elective	2
SDEV111 Success Coaching and Mentoring I	3	OE 100 Open Elective	3
SDEV112 Success Coaching and Mentoring II	3	OE 100 Open Elective	3
SDEV299 Individualized Studies in Student Development	1-2	OE 200 Open Elective	N/A
SOCIOLOGY (SOCY)			
SOCY151G Introduction to Sociology	3	SOC101 Principles of Sociology	3
SOCY155G Introduction to Archaeology	3	OE 100 Open Elective	3
SOCY161G Introduction to Cultural Anthropology	3	CUL100 Cultural Studies Elective	3
SOCY199 Introduction to World of Work	1	OE 100 Open Elective	1
SOCY255G Family	3	SOC200 Sociology Elective	3
SOCY256 Social Problems	3	SOC250 Social Psychology	3
SOCY265G Death and Dying	2	SOC200 Sociology Elective	2
SOCY276G Race and Ethnicity	3	SOC200 Sociology Elective	3
SOCY278 Sociology of Sex & Gender	3	SOC200 Sociology Elective	3
SOCY287 Work-Based Learning I- Sociology	1-3	SOC200 Sociology Elective/OE 200 Open Elective	N/A
SOCY299 Individualized Studies in Sociology	1-2	SOC200 Sociology Elective/OE 200 Open Elective	N/A

DIAGNOSTIC MEDICAL SONOGRAPHY (SONO)			
SONO111 Orientation to Diagnostic Medical Sonography	1	OE 100 Open Elective	1
SONO122 Imaging Modalities	1	OE 100 Open Elective	1
SONO131 Introduction to Diagnostic Medical Sonography	7	OE 100 Open Elective	7
SONO215 Diagnostic Medical Sonography I	7	OE 200 Open Elective	7
SONO221 Ultrasound Physics and Instrumentation I	2	OE 200 Open Elective	2
SONO222 Ultrasound Physics and Instrumentation II	2	OE 200 Open Elective	2
SONO223 Diagnostic Medical Sonography II	8	OE 200 Open Elective	8
SONO224 Advanced Diagnostic Medical Sonography Studies	6	OE 200 Open Elective	6
SONO229 Professional Issues in Diagnostic Medical Sonography	1	OE 200 Open Elective	1
SOCIAL WORK (SOWK)			
SOWK151 Introduction to Social Work and Social Welfare	3	OE 100 Open Elective	3
SOWK251G Social Welfare and Poverty	3	OE 200 Open Elective	3
SOWK252G Human Behavior and Social Environment	3	OE 200 Open Elective	3
SOWK287 Work-Based Learning I	1-3	OE 200 Open Elective	3
SOWK299 Individualized Studies in Social Work	1-2	OE 200 Open Elective	N/A
SPANISH (SPNH)			
SPNH151G Elementary Spanish I	4	SPA101 Elementary Spanish I	3
SPNH152G Elementary Spanish II	4	SPA102 Elementary Spanish II	3
SPNH251G Intermediate Spanish I	3	SPA201 Intermediate Spanish I	3
SPNH252G Intermediate Spanish II	3	SPA202 Adv Spanish Lang & Literature: The Novel	3
SPNH257G Spanish Composition	3	OE 200 Open Elective	3
SPNH258G Spanish Conversation	3	OE 200 Open Elective	3
SPNH259G Spanish Grammar Review	3	OE 200 Open Elective	3
SPNH260G Introduction to Hispanic Literature	4	OE 200 Open Elective	4
SPNH271G Culture and Civilization of Spain	3	CUL200 Cultural Studies Elective	3
SPNH272G Culture and Civilization of Latin America	3	CUL200 Cultural Studies Elective	3
SPNH299G Individualized Studies in Spanish	1-2	OE 200 Open Elective	N/A
SURGICAL TECHNOLOGY (SRGT)			
SRGT114 Surgical Technology II, Surgical Procedures	8	OE 100 Open Elective	8
SRGT124 Introduction to Surgical Technology	8	OE 100 Open Elective	8
SRGT136 Anesthesia and Anesthetics	2	OE 100 Open Elective	2
SRGT138 Surgical Pharmacology	2	OE 100 Open Elective	2
SRGT215 Surgical Technology II, Surgical Procedures	8	OE 200 Open Elective	8
SRGT221 Healthcare in Developing Nations	4	OE 200 Open Elective	4
SRGT226 Surgical Technology IV	11	OE 200 Open Elective	11
SRGT287 Work Based Learning I	1-3	OE 200 Open Elective	N/A
State Tested Nurse Assisting (STNA)			
STNA114 Nurse Aide Training	5	OE 100 Open Elective	5
STNA299 Individualized Studies	1-2	OE 200 Open Elective	N/A
TELECOMMUNICATIONS (TCMN)			

TCMN151G Introduction to Mass Communication	3	COM241 Introduction to Mass Communication	3
TCMN162 Introduction to Radio Production	3	OE 100 Open Elective	3
TCMN163 Radio Workshop	2	OE 100 Open Elective	2
TCMN171 Multi-Camera TV Production	3	OE 100 Open Elective	3
TCMN175 Broadcast Speaking	3	OE 100 Open Elective	3
TCMN177 Interactive TV and Video Production	3	OE 100 Open Elective	3
TCMN199 Introduction to the World of work-TCMN	1	OE 100 Open Elective	1
TCMN264 Non-Linear Editing	3	OE 200 Open Elective	3
TCMN265 Television Workshop	1	OE 200 Open Elective	1
TCMN275 Television Production	3	OE 200 Open Elective	3
TCMN277 Advanced Television Workshop	1	OE 200 Open Elective	1
TCMN278 Field Production & Online Distribution	3	OE 200 Open Elective	3
TCMN285 Media Internship	1	OE 200 Open Elective	1
TCMN299 Individualized Studies in Communication&Performing Arts	1-2	OE 200 Open Elective	N/A
TECHNOLOGY (TECN)			
TECN111 Technical Problem Solving	3	OE 100 Open Elective	3
TECN115 Industrial Blueprint Reading	2	OE 100 Open Elective	2
TECN121 Fluid Power	3	OE 100 Open Elective	3
TECN125 Industrial Safety and Practices	2	OE 100 Open Elective	2
TECN126 Principles of Technology	3	OE 100 Open Elective	3
TECN127 Maintenance Machining	2	OE 100 Open Elective	2
TECN131 Manufacturing Processes I	3	OE 100 Open Elective	3
TECN132 Manufacturing Processes II	3	OE 100 Open Elective	3
TECN133 Mechanical Systems	3	OE 100 Open Elective	3
TECN211 Fluid Power Control Systems	2	OE 200 Open Elective	2
TECN220 Industrial Piping & Tubing	3	OE 200 Open Elective	3
TECN245 Geometric Dimensioning and Tolerancing	2	OE 200 Open Elective	2
TECN287 Work Based Learning I	1-3	OE 200 Open Elective	N/A
TECN288 Work Based Learning II	1-3	OE 200 Open Elective	N/A
TECN289 Work Based Learning III	1-3	OE 200 Open Elective	N/A
TECN299 Individualized Studies in Tecn	1-2	OE 200 Open Elective	N/A
THEATER (THTR)			
THTR151G Introduction to Theater	3	THR222 Introduction to Theatre	3
THTR161 Introduction to Stagecraft	3	THR100 Theatre Elective	3
THTR162 Introduction to Technical Production	3	THR100 Theatre Elective	3
THTR168 Playwriting for Stage and Screen	3	THR100 Theatre Elective	3
THTR181 Techniques of Acting	3	THR250 The Art of Acting	3
THTR182 Advanced Techniques of Acting	3	THR100 Theatre Elective	3
THTR183 Periods of Styles of Performance	3	THR100 Theatre Elective	3
THTR184G Multicultural Performance Studies	3	THR100 Theatre Elective	3
THTR185G Theater History	3	THR100 Theatre Elective	3
THTR199 Introduction to the World of Work-THTR	1	OE 100 Open Elective	1
THTR255 Voice and Movement	3	THR200 Theatre Elective	3
THTR257 Directing Workshop	3	THR200 Theatre Elective	3
THTR285 Theater Laboratory	1	OE 200 Open Elective	1

THTR286 Technical Theater Practicum	1	OE 200 Open Elective	1
THTR287 Work Based Learning I	1-3	OE 200 Open Elective	N/A
THTR299 Individualized Studies in Theater	1-2	OE 200 Open Elective	N/A
<i>TOURISM (TRSM)</i>			
TRSM111 Introduction to the Tourism Industry	3	HOS104 Intro to the Hospitality & Tourism Industry	3
TRSM112 Introduction to the Hospitality Industry	3	HOS104 Intro to the Hospitality & Tourism Industry	3
TRSM118 Food Safety and Sanitation	2	HOS100 Hospitality Management Elective	3
TRSM119 Technology in the Hospitality Industry	2	HOS100 Hospitality Management Elective	2
TRSM120 Housekeeping Operations	2	HOS100 Hospitality Management Elective	2
TRSM121 Front Office Operations	2	HOS100 Hospitality Management Elective	2
TRSM124 Conference, Meeting and Event Planning	3	HOS100 Hospitality Management Elective	3
TRSM126 Hospitality & Tourism Management Career Exploration	1	OE 100 Open Elective	1
TRSM143 Hospitality Law	3	HOS100 Hospitality Management Elective	3
TRSM224 Airline Reservations and Ticketing I	4	HOS200 Hospitality Management Elective	4
TRSM226 Hospitality Supervision	2	HOS200 Hospitality Management Elective	2
TRSM228 Food and Beverage Management	2	HOS200 Hospitality Management Elective	2
TRSM240 Airline Computer Reservation Systems II	3	HOS200 Hospitality Management Elective	3
TRSM241G World Leisure Destinations	3	HOS200 Hospitality Management Elective	3
TRSM245 Casino Operations	2	HOS200 Hospitality Management Elective	2
TRSM247 Cruise & Resort Management	3	HOS200 Hospitality Management Elective	3
TRSM248G International Experience	2	HOS200 Hospitality Management Elective	2
TRSM249G International Travel and World Events	3	HOS200 Hospitality Management Elective	3
TRSM285 HTM Practicum	1-3	HOS200 Hosp Mgt Elective/OE 200 Open Elective	N/A
TRSM287 Work-Based Learning-Tourism	1-3	HOS200 Hosp Mgt Elective/OE 200 Open Elective	N/A
TRSM288 Work Based Learning II	1-3	HOS200 Hosp Mgt Elective/OE 200 Open Elective	N/A
TRSM299 Individualized Studies in Tourism	1-2	HOS200 Hosp Mgt Elective/OE 200 Open Elective	N/A
<i>URBAN STUDIES (URBS)</i>			
URBS122 Report Writing	3	OE 100 Open Elective	3
URBS151G Introduction to Urban Studies	3	CUL100 Cultural Studies Elective	3
URBS152G Contemporary Urban Studies	3	CUL100 Cultural Studies Elective	3
URBS155G Introduction to Archaeology	3	CUL100 Cultural Studies Elective	3
URBS210 Introduction to Women's Studies	3	CUL100 Cultural Studies Elective	3
URBS250 Urban Spatial Systems	3	CUL100 Cultural Studies Elective	3
URBS287 Work Based Learning I	1-3	CUL200 Cultural Stud Elect/OE 200 Open Elective	N/A
URB299 Individualized Studies in Urban Studies	1-2	CUL200 Cultural Stud Elect/OE 200 Open Elective	N/A
<i>WOMEN'S STUDIES (WMST)</i>			
WMST210 Introduction to Women's Studies	3	CUL200 Cultural Studies Elective	3
WMST251 Feminist Theory	3	CUL200 Cultural Studies Elective	3
<i>WELDING (WTEC)</i>			
WTEC108 Oxy-Fuel Welding and Cutting	2	OE 100 Open Elective	2
WTEC111 Welding Specifications and Print Reading	2	OE 100 Open Elective	2
WTEC112 Welding Codes and Standards	2	OE 100 Open Elective	2
WTEC116 Basic Shielded Metal Arc Welding	3	OE 100 Open Elective	3

WTEC212 Welding Fabrication, Layout and Design	4	OE 200 Open Elective	4
WTEC216 Wire Fed Processes	3	OE 200 Open Elective	3
WTEC217 Gas Tungsten Arc Welding	3	OE 200 Open Elective	3
WTEC218 Advanced Arc Welding	2	OE 200 Open Elective	2
WTEC221 Weld Quality Inspection	3	OE 200 Open Elective	3
WTEC287 Work-Based Learning I	1-3	OE 200 Open Elective	N/A
WTEC288 Work-Based Learning II	1-3	OE 200 Open Elective	N/A
WTEC289 Work-Based Learning III	1-3	OE 200 Open Elective	N/A
WTEC299 Individualized Studies in Welding	1-2	OE 200 Open Elective	N/A