

**BASED ON THE 2018-2018 CENTRAL OHIO TECHNICAL COLLEGE CATALOG AND THE
2018-2019 TIFFIN UNIVERSITY ACADEMIC BULLETIN**

Central Ohio Technical College Course Equivalence

<u>CENTRAL OHIO TECHNICAL COLLEGE</u>		<u>TIFFIN UNIVERSITY</u>	
	Sem. Hrs.		Sem. Hrs.
<i>ACCOUNTING TECHNOLOGY (ACCT)</i>			
ACCT111 Financial Accounting	3	ACC210 Analysis of the Accounting Process	3
ACCT122 Introductory Managerial Accounting	3	ACC228 Managerial Accounting	3
ACCT123 Principles of Finance	3	ACC100 Accounting Elective	3
ACCT200 Automated Accounting Operations	2	ACC200 Accounting Elective	2
ACCT231 Intermediate Accounting I	4	ACC200 Accounting Elective	4
ACCT232 Cost Management	3	ACC200 Accounting Elective	3
ACCT239 Fraud Examination	3	ACC200 Accounting Elective	3
ACCT241 Intermediate Accounting II	4	ACC200 Accounting Elective	4
ACCT244 Individual Taxation	3	ACC200 Accounting Elective	3
ACCT246 Governmental Accounting	3	ACC200 Accounting Elective	3
ACCT247 Auditing	3	ACC200 Accounting Elective	3
ACCT249 Forensic Accounting	3	ACC200 Accounting Elective	3
ACCT259 Forensic Accounting Capstone	2	ACC200 Accounting Elective	2
ACCT261 Accounting Field Experience	2	ACC200 Accounting Elective	2
<i>ARCHITECTURAL ENGINEER (ARCH)</i>			
ARCH110 CAD Fundamentals	2	OE 100 Open Elective	2
ARCH111 Advanced CAD	3	OE 100 Open Elective	3
ARCH116 3D Design with SketchUp	2	OE 100 Open Elective	2
ARCH126 Revit Architecture	2	OE 100 Open Elective	2
ARCH136 Technical Drawing	2	OE 100 Open Elective	2
ARCH168 Construction Materials	3	OE 100 Open Elective	3
ARCH176 Architecture History Survey	3	OE 100 Open Elective	3
ARCH190 Architecture I	3	OE 100 Open Elective	3
ARCH230 Building Mechanical Systems	2	OE 200 Open Elective	2
ARCH249 Construction Compliance	3	OE 200 Open Elective	3
ARCH290 Architecture II	3	OE 200 Open Elective	3
<i>American Sign Language (ASL)</i>			
ASL102 Beginning American Sign Language II	3	OE 100 Open Elective	3
ASL104 Beginning American Sign Language I	3	OE 100 Open Elective	3
ASL111 Intermediate American Sign Language I	3	OE 100 Open Elective	3
<i>Associates of Tech Studies (ATS)</i>			
ATS001 ATS Awarded	1-75	No Credit	*
<i>Social & Beh Science (BHS)</i>			
BHS100 Intro American Politics and Civic Responsibility	3	CUL100 Cultural Studies Elective	3
<i>BIOLOGY (BIO)</i>			

BIO010 Introduction to Human Biology	3	No Credit	*
BIO105 Environmental Science	4	NAT215 Environmental Science	4
BIO120 General Biology	4	BIO101 Contemporary Biological Probs & Lab	3+1
BIO121 Human Biology	4	BIO100 Biology Elective	4
BIO130 Anatomy and Physiology I	4	NAT150 Introduction to Anatomy & Physiology + NAT150L	3+1
BIO131 Anatomy and Physiology II	4	BIO100 Biology Elective	4
BIO140 General Ecology	4	BIO100 Biology Elective	4
BIO160 Biology I	5	BIO100 Biology Elective	5
BIO161 Biology II	5	BIO100 Biology Elective	5
BIO200 Microbiology	4	BIO200 Biology Elective	4
<i>BUSINESS MANAGEMENT (BUS)</i>			
BUS105 Introduction to Business	3	MGT121 How Business Works	3
BUS106 Introduction to Business	3	MGT121 How Business Works	3
BUS110 Introduction to Mgt & Organizational Behavior	3	MGT201 Management of Organizations	3
BUS115 Introduction to Marketing	3	MKT151 Introductory Marketing	3
BUS120 Business Law	3	LAW211 Business Law I	3
BUS125 PC Applications in Business	3	CIS111 Information Systems & Applications	3
BUS130 Team Building	3	MGT100 Management Elective	3
BUS135 Introduction to Human Resources	3	MGT100 Management Elective	3
BUS140 Advertising and Public Relations	3	COM212 Introduction to Public Relations	3
BUS151 Documentation and Presentation Applications	3	CIS100 Computer Information Systems Elective	3
BUS155 Spreadsheet Applications	3	CIS100 Computer Information Systems Elective	3
BUS156 Spreadsheet Applications	3	CIS100 Computer Information Systems Elective	3
BUS165 Presentation Applications	2	CIS100 Computer Information Systems Elective	2
BUS170 Business Portfolio I	1	OE 100 Open Elective	1
BUS175 The Business Environment	2	MGT100 Management Elective	2
BUS205 Global Business	3	MGT200 Management Elective	3
BUS207 Business and Professional Communication	3	COM200 Communication Elective	3
BUS208 Financial Business Practices	3	MGT200 Management Elective	3
BUS210 Entrepreneurship	3	MGT200 Management Elective	3
BUS215 E-Commerce	3	MGT200 Management Elective	3
BUS220 Human Resource Law, Policies and Procedures	3	MGT200 Management Elective	3
BUS226 Century Workplace Skills	3	MGT200 Management Elective	3
BUS231 Training Labor Relations and Compensation	3	MGT200 Management Elective	3
BUS240 Retail Management	3	MKT200 Marketing Elective	3
BUS245 Cases in Marketing Research	2	MKT200 Marketing Elective	2
BUS250 Managerial Problem Solving	3	MGT200 Management Elective	3
BUS255 Strategic Management	3	MGT200 Management Elective	3
BUS270 Business Portfolio II	1	OE 200 Open Elective	1
BUS280 Social Media Marketing	2	MKT200 Marketing Elective	2
BUS285 Advertising Campaign	2	MKT253 Marketing Communications	2
BUS290 Business Field Experience/Serv Learn I	1.5	OE 200 Open Elective	1.5
BUS291 Business Field Experience/Serv Learn II	1.5	OE 200 Open Elective	1.5
BUS292 Business Field Experience/Serv Learn III	2	MGT200 Management Elective	2
BUS296 Business Field Experience I	1.5	OE 200 Open Elective	1.5
BUS297 Business Field Experience II	1.5	OE 200 Open Elective	1.5

BUS298 Business Field Experience III	1.5	OE 200 Open Elective	1.5
CHEMISTRY (CHEM)			
CHEM020 Introduction to Chemistry Principles	4	No Credit	*
CHEM100 Basic Chemistry	4	CHM100 Chemistry Elective	4
CHEM101 General Organic Chemistry	4	CHM100 Chemistry Elective	4
CHEM102 Fundamental Chemistry	4	CHM100 Chemistry Elective	4
CHEM110 General Chemistry I	5	CHM131 General Chemistry I + CHM131L	3+1
CHEM111 General Chemistry II	5	CHM132 General Chemistry II + CHM132L	3+1
INFORMATION TECHNOLOGY (CIT)			
CIT100 Principles of Computer Programming	2	CIS100 Computer Information Systems Elective	2
CIT101 User Support Concepts	3	CIS100 Computer Information Systems Elective	3
CIT102 Computer Applications for Techn Specialists	3	CIS100 Computer Information Systems Elective	3
CIT103 Technology Integration Support	3	CIS100 Computer Information Systems Elective	3
CIT111 Operating Systems & Security	2	CIT155 Operating Systems	2
CIT115 Math for Information Technology	3	MAT101 Mathematics Elective	3
CIT120 PC Hardware Troubleshooting and Maintenance	3	CIS100 Computer Information Systems Elective	3
CIT126 Networking	3	CIS100 Computer Information Systems Elective	3
CIT130 Visual Basic I	3	CIS201 Programming	3
CIT142 Java Programming	3	CIS100 Computer Information Systems Elective	3
CIT150 Internet Programming I	3	CIS255 Internet and Website Development	3
CIT160 Database	3	CIS100 Computer Information Systems Elective	3
CIT200 .NET Programming	3	CIS200 Computer Information Systems Elective	3
CIT215 IT Project Management	3	CIS200 Computer Information Systems Elective	3
CIT220 Systems Analysis and Design	3	CIS212 Systems Analysis and Design	3
CIT230 Visual Basic II	3	CIS200 Computer Information Systems Elective	3
CIT240 IT Specialist Capstone	2	CIS200 Computer Information Systems Elective	2
CIT250 Internet Programming II	3	CIS200 Computer Information Systems Elective	3
CIT255 Internet Programming III	3	CIS200 Computer Information Systems Elective	3
CIT265 Disaster Recovery and Business Continuity	3	CIS200 Computer Information Systems Elective	3
CIT270 Programming & Software Develop Capstone	2	CIS200 Computer Information Systems Elective	2
CIT291 IT Internship (Practicum)	2	CIS200 Computer Information Systems Elective	2
CIT297 IT Cooperative Work Experience	2	CIS200 Computer Information Systems Elective	2
CIVIL ENGINEERING (CIVL)			
CIVL121 Autodesk Civil 3D	3	OE 100 Open Elective	3
CIVL160 Introduction to Civil Engineering Technology	2	OE 100 Open Elective	2
CIVL170 Site Engineering	3	OE 100 Open Elective	3
CIVL235 Structural Steel and Concrete	2	OE 200 Open Elective	2
CIVL240 Statics & Strengths of Materials I	2	OE 200 Open Elective	2
CIVL241 Statics & Strengths of Materials II	2	OE 200 Open Elective	2
CIVL245 Surveying	2	OE 200 Open Elective	2
CIVL260 Construction Materials and Testing	2	OE 200 Open Elective	2
CIVL266 Soil Mechanics and Foundations	2	OE 200 Open Elective	2
CULINARY SCIENCE (CUL)			

CUL101 Introduction to Culinary Science	2	OE 100 Open Elective	2
CUL102 Product Knowledge and Purchasing	2	OE 100 Open Elective	2
CUL103 Food Service Safety	1	OE 100 Open Elective	1
CUL110 Culinary Skills Development I	3	OE 100 Open Elective	3
CUL111 Culinary Fabrication	3	OE 100 Open Elective	3
CUL120 Culinary Skills Development II	3	OE 100 Open Elective	3
CUL121 Garde Manager	3	OE 100 Open Elective	3
CUL186 Culinary Practicum	2	OE 100 Open Elective	2
CUL201 International Cuisines	1.5	OE 200 Open Elective	1.5
CUL202 Cuisines Across America	1.5	OE 200 Open Elective	1.5
CUL203 Menu Planning and Cost Controls	3	OE 200 Open Elective	3
CUL210 Techniques of Banqueting and Catering	3	OE 200 Open Elective	3
CUL211 Baking, Pastry, and Desserts	3	OE 200 Open Elective	3
CUL212 Wine and Beverage Services	3	OE 200 Open Elective	3
CUL286 Culinary Co-op Work Experience	2	OE 200 Open Elective	2
CUL289 Culinary Co-Op Work Experience	2	OE 200 Open Elective	2
DIGITAL MEDIA DESIGN (DMD)			
DMD100 Fundamentals of Drawing	3	OE 100 Open Elective	3
DMD101 Digital Software Fundamentals	1	OE 100 Open Elective	1
DMD103 Typography	1	OE 100 Open Elective	1
DMD104 Design Fundamentals	3	OE 100 Open Elective	3
DMD105 Digital Photography I	3	COM134 Digital Photography	3
DMD106 Mass Media Communications	3	COM241 Introduction to Mass Communications	3
DMD107 Intro to e-Life: The Evolving Web	3	OE 100 Open Elective	3
DMD108 Multimedia Production I	2	OE 100 Open Elective	2
DMD120 Web Design & Development I	3	CIS255 Internet & Website Development	3
DMD121 Web Design & Development II	3	CIS100 Computer Information Systems Elective	3
DMD201 Graphic Design I	3	CIS200 Computer Information Systems Elective	3
DMD202 Graphic Design II	3	CIS200 Computer Information Systems Elective	3
DMD203 Interactive and Mobile Site Design	3	CIS200 Computer Information Systems Elective	3
DMD222 Web Design & Development III	3	CIS200 Computer Information Systems Elective	3
DMD240 Digital Video I	2	CIS200 Computer Information Systems Elective	2
DMD242 e-Publishing and Interactive Documents	2	CIS200 Computer Information Systems Elective	2
DMD250 Digital Media Design Capstone	2	CIS200 Computer Information Systems Elective	2
DMD251 Digital Media Portfolio	1	OE 200 Open Elective	1
DMD294 Digital Media Practicum	2	CIS200 Computer Information Systems Elective	2
DIAGNOSTIC MED SONOGRAPHY (DMS)			
DMS101 Introduction to Sonography and Patient Care	1	OE 100 Open Elective	1
DMS110 Cross-Sectional Anatomy	2	OE 100 Open Elective	2
DMS116 Current Issues in Healthcare	1.5	OE 100 Open Elective	1.5
DMS166 Princ of Clinical Cardiovascular Sonography	3	OE 100 Open Elective	3
DMS180 Sonography Scan Lab I	2	OE 100 Open Elective	2
DMS181 Sonography Scan Lab II	2	OE 100 Open Elective	2
DMS182 Cardiovascular Scan Lab I	2	OE 100 Open Elective	2
DMS183 Cardiovascular Scan Lab II	2	OE 100 Open Elective	2

DMS200 Sonographic Physics and Instrumentation I	3	OE 200 Open Elective	3
DMS201 Sonographic Physics and Instrumentation II	3	OE 200 Open Elective	3
DMS210 Obstetrical and Gynecological Sonography I	3	OE 200 Open Elective	3
DMS212 Obstetrical and Gynecological Sonography II	3	OE 200 Open Elective	3
DMS220 Abdominal Sonography I	3	OE 200 Open Elective	3
DMS221 Abdominal Sonography II	3	OE 200 Open Elective	3
DMS222 Breast Sonography	1	OE 200 Open Elective	1
DMS230 Echocardiography I	3	OE 200 Open Elective	3
DMS240 Vascular Sonography I	3	OE 200 Open Elective	3
DMS241 Vascular Sonography II	3	OE 200 Open Elective	3
DMS265 Clinical Sonography I	4	OE 200 Open Elective	4
DMS266 Clinical Sonography II	4	OE 200 Open Elective	4
DMS267 Clinical Cardiovascular Sonography I	4	OE 200 Open Elective	4
DMS268 Clinical Cardiovascular Sonography II	4	OE 200 Open Elective	4
DMS301 Cardiovascular Physiology	3	OE 200 Open Elective	3
DMS302 Abdominal Vascular Disease & Testing	4	OE 200 Open Elective	4
DMS303 Survey of Abdominal Sonography	3	OE 200 Open Elective	3
DMS304 Survey of Echocardiography	3	OE 200 Open Elective	3
DMS305 Survey of Vascular Technology	3	OE 200 Open Elective	3
DMS306 Fetal, Neonatal & Pediatric Echocardiography	3	OE 200 Open Elective	3
DMS307 Survey of Musculoskeletal Sonography	4	OE 200 Open Elective	4
DMS312 Abdominal Vascular Techniques Scan Lab	2	OE 200 Open Elective	2
DMS313 Abdominal Techniques Scan Lab	2	OE 200 Open Elective	2
DMS314 Echo Techniques Scan Lab	2	OE 200 Open Elective	2
DMS315 Vascular Techniques Scan Lab	2	OE 200 Open Elective	2
DMS316 GYN Techniques Scan Lab	2	OE 200 Open Elective	2
DMS317 Breast Techniques Scan Lab	2	OE 200 Open Elective	2
DMS325 Vascular Techniques Scan Lab II	2	OE 200 Open Elective	2
EARLY CHILDHOOD EDUCATION (ECE)			
ECE105 Educational Technology	1	OE 100 Open Elective	1
ECE110 Observation and Assessment Practices	2	OE 100 Open Elective	2
ECE120 Fundamentals of Reading and Writing	2	OE 100 Open Elective	2
ECE130 Health and Safety in Education	3	OE 100 Open Elective	3
ECE140 Introduction to Child Development	3	OE 100 Open Elective	3
ECE150 Guidance and Group Management	3	OE 100 Open Elective	3
ECE160 Integrated Curriculum	3	OE 100 Open Elective	3
ECE170 Children's Literature	2	OE 100 Open Elective	2
ECE180 Engaging Children in Projects	2	OE 100 Open Elective	2
ECE190 Professionalism in ECE	1	OE 100 Open Elective	1
ECE198 Special Topics in Early Childhood Education	3	OE 100 Open Elective	3
ECE210 Family, School and Community	3	OE 200 Open Elective	3
ECE220 Math and Science for ECD	2	OE 200 Open Elective	2
ECE221 Math and Science for ECD	2.5	OE 200 Open Elective	2.5
ECE230 Creative Arts Across the Curriculum	2	OE 200 Open Elective	2
ECE260 Issues in Education	1	OE 200 Open Elective	1
ECE279 Administration in ECE Programs	2	OE 200 Open Elective	2

ECE285 Infant & Toddler Practicum	2	OE 200 Open Elective	2
ECE289 ECE Field Experience	2	OE 200 Open Elective	2
ECE290 ECE Student, Teaching Field Experience	3	OE 200 Open Elective	3
<i>ECONOMICS (ECON)</i>			
ECON105 Principles of Microeconomics	3	ECO222 Principles of Microeconomics	3
ECON110 Principles of Macroeconomics	3	ECO221 Principles of Macroeconomics	3
<i>EARLY CHILDHOOD EDUCATION (EDU)</i>			
EDU100 Introduction to Education	3	OE 100 Open Elective	3
EDU101 Introduction to Education	3	OE 100 Open Elective	3
EDU200 Educational Psychology	3	OE 200 Open Elective	3
EDU201 Educational Psychology	3	OE 200 Open Elective	3
EDU250 Exceptional Individuals	3	OE 200 Open Elective	3
EDU251 Exceptional Individuals	3	OE 200 Open Elective	3
<i>ELECTRICAL ENGINEERING (ELEC)</i>			
ELEC113 Circuits I	3	OE 100 Open Elective	3
ELEC213 Circuits II	3	OE 100 Open Elective	3
ELEC225 Communication Electronics I	3	OE 200 Open Elective	3
ELEC235 Communications Electronics II	3	OE 200 Open Elective	3
ELEC241 Digital Electronics I	3	OE 200 Open Elective	3
ELEC250 Programmable Logic Controllers	3	OE 200 Open Elective	3
ELEC251 Digital Electronics II	3	OE 200 Open Elective	3
ELEC261 Electric Motors	3	OE 200 Open Elective	3
ELEC267 Linear Integrated Circuits	3	OE 200 Open Elective	3
<i>EMERGENCY MED SERVICES (EMS)</i>			
EMS100 Basic Life Support (CPR) for Hlthcare Provider	0.5	OE 100 Open Elective	0.5
EMS105 First Aid	2	OE 100 Open Elective	2
EMS110 Emergency Medical Responder	2	OE 100 Open Elective	2
EMS120 Emergency Medical Technician	7	OE 100 Open Elective	7
EMS150 Advanced EMT	8	OE 100 Open Elective	8
EMS190 EMT Experience Practicum	2	OE 100 Open Elective	2
EMS200 Paramedic I	8	OE 200 Open Elective	8
EMS225 Paramedic II	8	OE 200 Open Elective	8
EMS250 Paramedic III	8	OE 200 Open Elective	8
EMS260 Paramedic Refresher	2	OE 200 Open Elective	2
EMS280 Paramedic I- Clinical Lab	1.5	OE 200 Open Elective	1.5
EMS281 Paramedic II- Clinical Lab	1.5	OE 200 Open Elective	1.5
EMS282 Paramedic III- Clinical Lab	1.5	OE 200 Open Elective	1.5
EMS290 Paramedic I- Directed Practice	1.5	OE 200 Open Elective	1.5
EMS291 Paramedic II- Directed Practice	1.5	OE 200 Open Elective	1.5
EMS292 Paramedic III- Directed Practice	1.5	OE 200 Open Elective	1.5
<i>ENGLISH/COMPOSITION (ENGL)</i>			
ENGL012 Co-Requisite Composition I	2	No Credit	*

ENGL112 Composition I	3	ENG141 Rhetoric & Research Writing	3
ENGL112C Composition I	3	ENG141 Rhetoric & Research Writing	3
ENGL113 Composition II	3	ENG142 Writing, Research & Literature	3
ENGL208 Technical Writing	3	ENG245 Technical Writing	3
ENGL211 Survey of American Literature I	3	ENG293 American Literature I	3
ENGL212 Survey of American Literature II	3	ENG294 American Literature II	3
ENGL216 Writing About Literature	3	ENG200 English Elective	3
ENGL221 Survey of British Literature I	3	ENG291 British Literature I	3
ENGL222 Survey of British Literature II	3	ENG292 British Literature II	3
ENGINEERING TECHNOL (ENGR)			
ENGR100 Introduction to Engineering Technologies	1	OE 100 Open Elective	1
ENGR106 Comp Applcat for Engineering Technicians	2	OE 100 Open Elective	2
ENGR205 Engineering Tech Leadership and Supervision	2	OE 200 Open Elective	2
ENGR279 Engineering Technology Capstone	2	OE 200 Open Elective	2
ENGR296 Engineering Technology Cooperative	3	OE 200 Open Elective	3
FIRE-FIRE SCIENCE TECHNOLOGY (FIRE)			
FIRE101 Firefighter Health and Safety Program	2.5	OE 100 Open Elective	2.5
FIRE110 Principles of Emergency Services	3	OE 100 Open Elective	3
FIRE111 Fire Fighter I	7	OE 100 Open Elective	7
FIRE112 Fire Fighter II	4	OE 100 Open Elective	4
FIRE113 Introduction to Technical Rescue	2	OE 100 Open Elective	2
FIRE114 Rope Rescue I	1	OE 100 Open Elective	1
FIRE115 Rope Rescue II	1	OE 100 Open Elective	1
FIRE116 Confined Space Rescue I & II	1	OE 100 Open Elective	1
FIRE117 Vehicle and Machinery Rescue I & II	2	OE 100 Open Elective	2
FIRE118 Swift Water Rescue I	2	OE 100 Open Elective	2
FIRE119 Trench Rescue I & II	2	OE 100 Open Elective	2
FIRE120 Fire Prevention	3	OE 100 Open Elective	3
FIRE122 Structural Collapse Rescue Operations	1	OE 100 Open Elective	1
FIRE125 Building Construction for Fire Protection	3	OE 100 Open Elective	3
FIRE132 Fire Safety Inspector	3	OE 100 Open Elective	3
FIRE134 Fire Service Instructor	3	OE 100 Open Elective	3
FIRE136 Swift Water Rescue II	2	OE 100 Open Elective	2
FIRE140 Princ of Fire&Emergency Serv Safety&Survival	2	OE 100 Open Elective	2
FIRE165 Fire and Emergency Services Administration	3	OE 100 Open Elective	3
FIRE215 Fire Protection Systems	2	OE 100 Open Elective	2
FIRE230 Fire Behavior and Combustion	2	OE 200 Open Elective	2
FIRE270 Current Issues in the Fire Service	2	OE 200 Open Elective	2
FORENSIC SCIENCE (FOR)			
FOR100 Introduction to Forensic Science	3	FSC100 Forensic Science Elective	3
FOR101 Forensic Criminalistics I	4	FSC115 Introduction to Forensic Science + FSC115L	3+1
FOR102 Forensic Photography	4	FSC100 Forensic Science Elective	4
FOR103 Introduction to Fire Origin and Cause	3	OE 100 Open Elective	3
FOR105 Forensic Investigations	3	FSC100 Forensic Science Elective	3

FOR106 Survey of Fraud in Society	3	FSC100 Forensic Science Elective	3
FOR150 Introduction to Computer Forensics	3	FSC200 Forensic Science Elective	3
FOR201 Forensic Criminalists I	3	FSC200 Forensic Science Elective	3
FOR202 Forensic Science Criminalistics II	3	FSC200 Forensic Science Elective	3
FOR204 Forensic Science Criminalistics II	3	FSC200 Forensic Science Elective	3
FOR205 Toxicology&Lab Instrumentation and Analysis	4	FSC200 Forensic Science Elective	4
FOR206 Forensic Serology	3	FSC200 Forensic Science Elective	3
FOR207 Forensic Science Capstone	3	FSC200 Forensic Science Elective	3
FOR240 Forensic Laboratory Techniques	3	FSC200 Forensic Science Elective	3
FOR250 Forensic Biology and Introduction to DNA	3	FSC200 Forensic Science Elective	3
Pre-College Development (GENR)			
GENR090 Integrated Reading and Writing I	3	No Credit	*
GENR091 Integrated Reading and Writing II	3	No Credit	*
Government (GOV)			
GOV100 Introduction to American Government	3	POL101 Introduction to the American Political Process	3
HEAVY EQUIPMENT OPERATION (HEO)			
HEO101 Heavy Equipment Class I	3	OE 100 Open Elective	3
HEO102 Heavy Equipment Class II	3	OE 100 Open Elective	3
HEO103 Heavy Equipment Class III	3	OE 100 Open Elective	3
HEO104 Heavy Equipment Class IV	3	OE 100 Open Elective	3
HEO108 Safeland Certification	0.5	OE 100 Open Elective	0.5
HEO110 Soils for Construction	2	OE 100 Open Elective	2
HISTORY (HIST)			
HIST150 U.S. History I: To 1877	3	HIS111 American Society to 1865	3
HIST151 U.S. History II: Since 1877	3	HIS112 American Society since 1865	3
Health (HLT)			
HLT101 Community Health Worker I	4	OE 100 Open Elective	4
HLT102 Community Health Worker II	3	OE 100 Open Elective	3
HLT103 Community Health Worker Practicum	2.5	OE 100 Open Elective	2.5
HLT104 Social Gerontology	2.5	OE 100 Open Elective	2.5
HLT110 Medical Terminology	2	BIO150 Medical Terminology	2
HLT115 Human Nutrition	2	NAT100 Natural Science Elective	2
HLT120 Electrophysiology	3	OE 100 Open Elective	3
HLT125 The Medically Complex Child	2.5	OE 100 Open Elective	2.5
HLT130 Pharmacology for Consumer	1	OE 100 Open Elective	1
HLT140 Phlebotomy	3	OE 100 Open Elective	3
HLT145 Phlebotomy Lab	1	OE 100 Open Elective	1
HLT150 Phlebotomy Clinical Practicum	2	OE 100 Open Elective	2
HLT200 Advanced Cardiac Life Support	1	OE 200 Open Elective	1
HLT210 Pathophysiology of Human Diseases	4	OE 200 Open Elective	4
HUMAN SERVICES (HSV)			

HSV100 Principles of Social Work	3	OE 100 Open Elective	3
HSV110 Chemical Dependency I	3	OE 100 Open Elective	3
HSV120 Direct Practice Skills	3	OE 100 Open Elective	3
HSV131 Case Management in Human Services	3	OE 100 Open Elective	3
HSV141 Therapeutic Group Practice Skills	3	OE 100 Open Elective	3
HSV150 Social Welfare and Policy	3	OE 100 Open Elective	3
HSV200 Family Systems	3	OE 200 Open Elective	3
HSV230 Social Problems	3	OE 200 Open Elective	3
HSV240 Social Services for an Aging Population	3	OE 200 Open Elective	3
HSV250 Chemical Dependency II	3	OE 200 Open Elective	3
HSV280 Capstone: Application of Human Services Ethics	3	OE 200 Open Elective	3
HSV285 Human Services Practicum I	3	OE 200 Open Elective	3
HSV286 Human Services Practicum II	3	OE 200 Open Elective	3
LAWENFORCE/CJT/BPA (LET)			
LET100 Introduction to Criminal Justice	3	JUS110 Introduction to Criminal Justice	3
LET105 Ethics in Criminal Justice	2	PHI100 Philosophy Elective	2
LET107 Basic Handgun	2	ENF100 Law Enforcement	2
LET110 Constitutional Law and Courts	3	JUS100 Criminal Justice Elective	3
LET115 Public Administration	2	JUS100 Criminal Justice Elective	2
LET120 Criminal Law and Procedure	2	JUS100 Criminal Justice Elective	2
LET126 Basic Investigations	2	ENF100 Law Enforcement	2
LET130 Victimology	2	FOR105 Victimology	2
LET150 Introduction to Law Enforcement	3	JUS110 Introduction to Criminal Justice	3
LET161 Wellness I	1.5	OE 100 Open Elective	1.5
LET166 Wellness II	1.5	OE 100 Open Elective	1.5
LET170 Wellness III	3	OE 100 Open Elective	3
LET200 Introduction to Corrections	4	COR120 Correctional Thought and Practice	4
LET205 Drugs in the Criminal Justice System	3	JUS200 Criminal Justice Elective	3
LET210 Criminology	3	ENF293 Criminology	3
LET215 Human Diversity	3	CUL200 Cultural Studies Elective	3
LET221 Juvenile Process	3	COR231 Juvenile Justice Systems	3
LET225 Probation and Parole	3	COR245 Probation, Parole, and Community Corrections	3
LET230 Introduction to Homeland Security	3	ENF154 Homeland Security Overview	3
LET235 Correctional Management	3	COR200 Corrections Elective	3
LET240 Contemporary Issues in Criminal Justice	2	JUS200 Criminal Justice Elective	2
LET245 Administration	1.5	OE 100 Open Elective	1.5
LET246 Criminal Law	3.5	JUS201 Criminal Law	3.5
LET247 Human Relations	2	ENF200 Law Enforcement Elective	2
LET248 Criminal Law	4.5	JUS201 Criminal Law	4.5
LET249 Administration	2	JUS200 Criminal Justice Elective	2
LET263 Subject Control	2	JUS200 Criminal Justice Elective	2
LET264 Wellness III	1	OE 200 Open Elective	1
LET265 Advanced Criminalistics	2	OE 200 Open Elective	2
LET266 Advanced Traffic Accident Investigation	3	ENF200 Law Enforcement Elective	3
LET271 Physical Security	3	COR200 Corrections Elective	3
LET272 Protective Operations	3	COR200 Corrections Elective	3

LET275 Constitutional Rights of Prisoners	3	COR200 Corrections Elective	3
LET276 Basic Jail Training	5	COR200 Corrections Elective	5
LET282 Investigations	2	ENF239 Applied Criminal Investigation and Criminalistics	3
LET284 Homeland Security	1	OE 200 Open Elective	1
LET286 Criminal Justice Practicum	2	JUS200 Criminal Justice Elective	3
LET287 Patrol Techniques and Advanced Tactics	2	ENF200 Law Enforcement Elective	2
LET289 Counterterrorism & Intelligence	1.5	OE 200 Open Elective	1.5
LET290 Tactical Crisis Resolution	2.5	ENF200 Law Enforcement Elective	2.5
LET291 Wellness IV	1	OE 200 Open Elective	1
LET292 Patrol	4	ENF150 Police and Society	4
LET293 Firearms	2	ENF200 Law Enforcement Elective	2
LET294 Advanced Patrol Tactics	3	ENF200 Law Enforcement Elective	3
LET296 Traffic	3.5	ENF200 Law Enforcement Elective	3.5
LET297 Driving	1	OE 200 Open Elective	1
LET298 First Aid	0.5	OE 200 Open Elective	0.5
MANUFACTURING ENGINEER (MANF)			
MANF100 Principles of Machining	2	OE 100 Open Elective	2
MANF104 Principles of Manufacturing	3	OE 100 Open Elective	3
MANF105 Materials in Manufacturing and Metrology	2	OE 100 Open Elective	2
MANF106 Automation in Manufacturing	3	OE 100 Open Elective	3
MANF122 Machining-Turning and Milling	4	OE 100 Open Elective	4
MANF201 Materials in Manufacturing	2	OE 200 Open Elective	2
MANF202 CAD for Machining	3	OE 200 Open Elective	3
MANF203 Statistical Process Control	2	OE 200 Open Elective	2
MANF204 CNC Graphic Programming	3	OE 200 Open Elective	3
MANF222 CNC-Turning and Milling	4	OE 200 Open Elective	4
MANF271 Lean Manufacturing	3	OE 200 Open Elective	3
MATHEMATICS (MATH)			
MATH013 Co-Requisite Statistics	2	No Credit	*
MATH040 Basic Mathematics	2	No Credit	*
MATH080 Foundations of College Mathematics	4	No Credit	*
MATH110 Trigonometry	3	MAT181 College Algebra	3
MATH123 Quantitative Reasoning	3	MAT185 Quantitative Reasoning	3
MATH130 Introduction to Statistics	3	MAT101 Mathematics Elective	3
MATH130C Introduction to Statistics	3	MAT101 Mathematics Elective	3
MATH140 College Algebra	3	MAT181 College Algebra	3
MATH150 Pre-Calculus	5	MAT275 Pre-Calculus	3
MATH200 Calculus I	5	MAT281 Calculus I	5
MATH210 Calculus II	5	MAT200 Mathematics Elective	5
MEDICAL CODING (MCDE)			
MCDE104 Medical CPT Procedures Coding I	4	OE 100 Open Elective	4
MCDE105 Medical ICD 10-CM Diagnosis Coding I	4	OE 100 Open Elective	4
MCDE106 Medical Cpt Procedure Coding II	2	OE 100 Open Elective	2
MCDE107 Medical ICD 10-CM Diagnosis Coding II	2	OE 100 Open Elective	2

MECHANICAL ENGINEER (MECH)			
MECH100 3-D Modeling with AutoDesk Inventor	2	OE 100 Open Elective	2
MECH110 Mechanical Systems	3	OE 100 Open Elective	3
MECH111 Mechanical Systems	3	OE 100 Open Elective	3
MECH162 Instrumentation and Measurement	3	OE 100 Open Elective	3
MECH201 Fluid Mechanics	2	OE 200 Open Elective	2
MECH202 Thermodynamics	2	OE 200 Open Elective	2
MECH205 Fluid Mechanics & Fluid Power	3	OE 200 Open Elective	3
MECH222 Energy Efficiency Methods	3	OE 200 Open Elective	3
MECH230 Hydraulics and Pneumatics	3	OE 200 Open Elective	3
PRACTICAL NURSING (NPN)			
NPN101 Introduction to Practical Nursing	2	OE 100 Open Elective	2
NPN102 Introduction to Pharmacology	2	OE 100 Open Elective	2
NPN110 Fundamentals of Practical Nursing	5	OE 100 Open Elective	5
NPN112 Health Alterations II for the Practical Nurse	6.5	OE 100 Open Elective	6.5
NPN113 Tran to Prac for the Practic Nursing Student	2	OE 100 Open Elective	2
NPN115 Health Alterations I for the Practical Nurse	6	OE 100 Open Elective	6
NPN116 Maternal/Child Nursing for PN	4	OE 100 Open Elective	4
NPN117 Transition to Practice for PN Student	1	OE 100 Open Elective	1
NURSING (NURS)			
NURS002 Basic Health Care Skills	3.5	OE 100 Open Elective	3.5
NURS101 Introduction to Professional Nursing	2	OE 100 Open Elective	2
NURS107 Introduction to Pharmacology	2.5	OE 100 Open Elective	2.5
NURS108 Fundamentals of Nursing	6	OE 100 Open Elective	6
NURS115 Introduction to Professional Nursing	1	OE 100 Open Elective	1
NURS116 Introduction to Adult Health	7	OE 100 Open Elective	7
MURS117 Introduction to Adult Health	6	OE 100 Open Elective	6
NURS201 Advanced Adult Health	7	OE 200 Open Elective	7
NURS207 Nursing Concepts Synthesis	2.5	OE 200 Open Elective	2.5
NURS210 LPN to RN Transition	1.5	OE 200 Open Elective	1.5
NURS211 Family Centered Care I	3	OE 200 Open Elective	3
NURS213 Management of Care	6.5	OE 200 Open Elective	6.5
NURS214 Management of Care- Preceptorship	6.5	OE 200 Open Elective	6.5
NURS215 Family Centered Care	3	OE 200 Open Elective	3
PHILOSOPHY (PHIL)			
PHIL100 Critical Thinking	3	PHI100 Philosophy Elective	3
PHIL150 Introduction to Philosophy	3	PHI110 Art of Reasoning	3
PHIL200 Introduction to Ethics	3	PHI215 Ethics	3
PHARMACOLOGY (PHRM)			
PHRM110 Pharmacy Technology I	7	OE 100 Open Elective	7
PHRM111 Pharmacy Technology II	9	OE 100 Open Elective	9

PHYSICS (PHYS)			
PHYS100 General Physics	4	PHY100 Physics Elective	4
PHYS101 Elementary Physics	4	PHY100 Physics Elective	4
PHYS110 Physics I	4	PHY211 General Physics I & PHY211L	3+1
PHYS111 Physics II	4	PHY212 Physics II + PHY212L	3+1
PHYS112 Physics I	5	PHY211 General Physics I & PHY211L	3+1
PSYCHOLOGY (PSY)			
PSY100 Introduction to Psychology	3	PSY101 Introduction to Psychology	3
PSY200 Abnormal Psychology	3	PSY200 Psychology Elective	3
PSY210 Developmental Psychology	3	PSY200 Psychology Elective	3
PSY220 Social Psychology	3	SOC250 Social Psychology	3
PSY230 Organizational Psychology	3	PSY200 Psychology Elective	3
RADIOLOGIC SCIENCE (RAD)			
RAD101 Imaging Procedures I	3	OE 100 Open Elective	3
RAD103 Imaging Procedures II	3	OE 100 Open Elective	3
RAD130 Radiation Physics I	1.5	OE 100 Open Elective	1.5
RAD131 Radiation Physics II	1.5	OE 100 Open Elective	1.5
RAD132 Radiobiology and Radiation Protection	2	OE 100 Open Elective	2
RAD133 Image Acquisition	4	OE 100 Open Elective	4
RAD135 Radiobiology & Radiation Protection	1	OE 100 Open Elective	1
RAD154 Medical Imaging Seminar I	1	OE 100 Open Elective	1
RAD164 Patient Care and Management I	0.5	OE 100 Open Elective	0.5
RAD165 Patient Care and Management II	1	OE 100 Open Elective	1
RAD166 Patient Care and Management III	1	OE 100 Open Elective	1
RAD184 Orientation to Clinical Environment	0.5	OE 100 Open Elective	0.5
RAD186 Clinical Education in Radiology II	2	OE 100 Open Elective	2
RAD187 Clinical Education in Radiology III	2	OE 100 Open Elective	2
RAD188 Clinical Education in Radiology I	1.5	OE 100 Open Elective	1.5
RAD210 Radiologic Pathology I	1.5	OE 200 Open Elective	1.5
RAD211 Radiologic Pathology II	1.5	OE 200 Open Elective	1.5
RAD212 Radiologic Pathology I	1	OE 200 Open Elective	1
RAD213 Radiologic Pathology II	1	OE 200 Open Elective	1
RAD226 Department Administration	1.5	OE 200 Open Elective	1.5
RAD233 Quality Assurance and Image Production	3	OE 200 Open Elective	3
RAD246 Current Issues and Ethics in Medical Imaging	1.5	OE 200 Open Elective	1.5
RAD254 Medical Imaging Seminar II	1.5	OE 200 Open Elective	1.5
RAD255 Medical Imaging Seminar II	1	OE 200 Open Elective	1
RAD267 Patient Care and Management IV	1	OE 200 Open Elective	1
RAD279 Mammography and Breast Health	3	OE 200 Open Elective	3
RAD280 Clinical Education in Specialty Disciplines	1	OE 200 Open Elective	1
RAD284 Clinical Education in Radiology IV	3	OE 200 Open Elective	3
RAD285 Clinical Education in Radiology III	4	OE 200 Open Elective	4
RAD286 Clinical Education in Radiology IV	2	OE 200 Open Elective	2
RAD288 Clinical Education in Radiology V	2	OE 200 Open Elective	2
RAD290 Specialty Disciplines in Radiology	0.5	OE 200 Open Elective	0.5

RAD293 CT Instrumentation	2.5	OE 200 Open Elective	2.5
RAD294 Interventional and Surgical Radiology	2.5	OE 200 Open Elective	2.5
RAD296 MR Instrumentation	2.5	OE 200 Open Elective	2.5
<i>SOCIOLOGY (SOC)</i>			
SOC100 Introduction to Sociology	3	SOC101 Principles of Sociology	3
SOC110 Cultural Diversity	3	CUL210 Comparative Cultures	3
SOC235 Social Problems	3	SOC200 Sociology Elective	3
<i>SPANISH (SPAN)</i>			
SPAN101 Spanish I	3	SPA101 Elementary Spanish I	3
SPAN102 Spanish II	3	SPA102 Elementary Spanish II	3
<i>SPEECH (SPCH)</i>			
SPCH100 Fundamentals of Communication	3	COM100 Communication Elective	3
SPCH205 Public Speaking	3	COM130 Oral Communication and Presentation	3
SPCH210 Small Group Communication	3	COM200 Communication Elective	3
<i>SURGICAL TECHNOLOGY (SURG)</i>			
SURG135 Pharmacology for Surgical Assisting	1	OE 100 Open Elective	1
SURG190 Basic Surg Tec Lab	3	OE 100 Open Elective	3
SURG191 Basic Surgical Technology	5	OE 100 Open Elective	5
SURG192 Surgical Procedures I Clinical	3	OE 100 Open Elective	3
SURG193 Surgical Procedures I	4	OE 100 Open Elective	4
SURG194 Surgical Procedures II Clinical	3	OE 100 Open Elective	3
SURG195 Surgical Procedures II	4	OE 100 Open Elective	4
SURG231 Adv Surgical and Specialty Surgical Practice	3	OE 200 Open Elective	3
SURG233 Prof Trends&Issues in Surgical Tech Seminar	3	OE 200 Open Elective	3
SURG284 Adv Surg & Specialty Surgical Practice Clinical	3	OE 200 Open Elective	3