

**BASED ON THE 2022-2023 CENTRAL OHIO TECHNICAL COLLEGE CATALOG AND THE
2022-2023 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 Financial Accounting	3
ACCT122 Introductory Managerial Accounting	3	ACC228 Managerial Accounting	3
ACCT123 Principles of Finance	3	FIN100 Finance 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
ACCT241 Intermediate Accounting II	4	ACC200 Accounting Elective	4
ACCT244 Individual Taxation	3	ACC200 Accounting Elective	3
ACCT247 Auditing	3	ACC200 Accounting Elective	3
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	2	OE 100 Open Elective	2
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>BIOLOGY (BIO)</i>			
BIO010 Introduction to Human Biology	3	No Credit	*
BIO105 Environmental Science	4	BIO100 Biology Elective	4
BIO120 General Biology	4	BIO101 Contemporary Biology Problems & Lab	3+1
BIO121 Human Biology	4	BIO100 Biology Elective	4
BIO130 Anatomy and Physiology I	4	NAT150 Introduction to Anatomy & Physiology & Lab	3+1
BIO131 Anatomy and Physiology II	4	NAT100 Natural Science Elective	4
BIO160 Biology I	5	BIO210 General Biology I & Lab	3+2
BIO161 Biology II	5	BIO211 General Biology II & Lab	3+2
BIO200 Microbiology	4	BIO200 Biology Elective	4
<i>BUSINESS MANAGEMENT (BUS)</i>			
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	3

BUS125 PC Applications in Business	3	CST111 Digital Literacy & Technology Readiness	3
BUS130 Team Building	3	MGT100 Management Elective	3
BUS135 Introduction to Human Resources	3	MGT100 Management Elective	3
BUS151 Documentation and Presentation Applications	3	CST100 Computer Science Elective	3
BUS156 Spreadsheet Applications	3	CST285 Spread Appl & Data Analysis for Decision Making	3
BUS207 Business and Professional Communication	3	COM200 Communication Elective	3
BUS208 Financial Business Practices	3	FIN200 Finance Elective	3
BUS210 Entrepreneurship	3	MGT200 Management Elective	3
BUS215 E-Commerce	3	MKT200 Marketing 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
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
CHEM110 General Chemistry I	5	CHM131 General Chemistry I & CHM131L Lab	3+2
CHEM111 General Chemistry II	5	CHM132 General Chemistry II & Lab	3+2
INFORMATION TECHNOLOGY (CIT)			
CIT100 Principles of Computer Programming	2	CST100 Computer Science Elective	2
CIT101 User Support Concepts	3	CST100 Computer Science Elective	3
CIT103 Technology Integration Support	3	CST100 Computer Science Elective	3
CIT111 Operating Systems & Security	2	CIT155 Operating Systems or CST155 Intro to Op Systems	2
CIT120 PC Hardware Troubleshooting and Maintenance	3	CST125 Introduction to Computer Hardware & Systems	3
CIT126 Networking	3	CST230 Networking Fundamentals	3
CIT130 Visual Basic I	3	CST100 Computer Science Elective	3
CIT142 Java Programming	3	CST201 Introduction to Programming	3
CIT150 Internet Programming I	3	CIS255 Internet & Website Develop or CIT255 Internet & Website Develop I	3
CIT160 Database	3	CST280 Database I	3
CIT200 .NET Programming	3	CST200 Computer Science Elective	3
CIT215 IT Project Management	3	CST200 Computer Science Elective	3
CIT220 Systems Analysis and Design	3	CST212 Systems Analysis & Design	3
CIT240 IT Specialist Capstone	2	CST200 Computer Science Elective	2
CIT250 Internet Programming II	3	CST200 Computer Science Elective	3
CIT255 Internet Programming III	3	CST200 Computer Science Elective	3
CIT265 Disaster Recovery and Business Continuity	3	CST200 Computer Science Elective	3

CIT270 Programming & Software Develop Capstone	2	CST200 Computer Science Elective	2
CIT291 IT Internship (Practicum)	2	CST200 Computer Science Elective	2
CIT297 IT Cooperative Work Experience	2	CST200 Computer Science 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
CIVL240 Statics & Strengths of Mater	2	OE 200 Open Elective	2
CIVL242 Structural Design & Detailing	3	OE 200 Open Elective	3
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
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	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	ART100 Art Elective or DMD100 Digital Media & Design Elective	3
DMD101 Digital Software Fundamentals	1	OE 100 Open Elective	1
DMD103 Typography	1	OE 100 Open Elective	1
DMD104 Design Fundamentals	3	DMD100 Digital Media & Design Elective	3
DMD105 Digital Photography I	3	DMD134 Introduction to Digital Media	3
DMD106 Mass Media Communications	3	COM241 Introduction to Mass Communication	3
DMD108 Multimedia Production I	2	DMD100 Digital Media & Design Elective	2
DMD113 Introduction to E-Life	3	DMD100 Digital Media & Design Elective	3
DMD120 Web Design & Development I	3	CIT255 Internet & Website Development I or CIS255 Internet & Website Development	3
DMD121 Web Design & Development II	3	CIT256 Internet and Website Development II	3
DMD201 Graphic Design I	3	ART200 Art Elective	3
DMD202 Graphic Design II	3	ART200 Art Elective	3
DMD208 Multimedia Production	2	DMD200 Digital Media & Design Elective	2

DMD222 Web Design & Development III	3	DMD200 Digital Media & Design Elective	3
DMD240 Digital Video I	2	DMD200 Digital Media & Design Elective	2
DMD242 e-Publishing and Interactive Documents	2	DMD200 Digital Media & Design Elective	2
DMD251 Digital Media Portfolio	1	OE 200 Open Elective	1
DMD252 Digital Media Design Capstone	2	DMD200 Digital Media & Design Elective	2
DMD294 Digital Media Practicum	2	DMD200 Digital Media & Design Elective	2
DIAGNOSTIC MED SONOGRAPHY (DMS)			
DMS101 Introduction to Sonography and Patient Care	1	OE 100 Open Elective	1
DMS102 Introduction to Sonography	2	OE 100 Open Elective	2
DMS110 Cross-Sectional Anatomy	2	OE 100 Open Elective	2
DMS116 Current Issues in Healthcare	1.5	OE 100 Open Elective	1.5
DMS165 Prin of Clinical Sonography	3	OE 100 Open Elective	3
DMS166 Princ of Clinical Cardiovascular Sonography	3	OE 100 Open Elective	3
DMS176 Cardiovascular Clinical I	4	OE 100 Open Elective	4
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
DMS190 General Scan Lab I	3	OE 100 Open Elective	3
DMS191 Sonography Scan Lab II	3	OE 100 Open Elective	3
DMS192 Cardiovascular Scan Lab I	3	OE 100 Open Elective	3
DMS193 Cardiovascular Scan Lab II	3	OE 100 Open Elective	3
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
DMS233 Echocardiography II	4	OE 200 Open Elective	4
DMS234 Echocardiography II	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
DMS250 Technical Report Writing	2	OE 200 Open Elective	2
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
DMS290 General Clinical I	4	OE 200 Open Elective	4
DMS295 Cardiovascular Clinical I	4	OE 200 Open Elective	4
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
DMS335 Vascular Tech Scan Lab III	2	OE 200 Open Elective	2
DMS390 General Clinical II	6	OE 200 Open Elective	6
DMS395 Cardiovascular Clinical II	6	OE 200 Open Elective	6
DMS400 Specialty Exams & Invasive Pro	2	OE 200 Open Elective	2
DMS410 Pediatric Echocardiography	4	OE 200 Open Elective	4
DMS411 Pediatric Echocardiography Lab	2	OE 200 Open Elective	2
DMS415 Breast Sonography	2	OE 200 Open Elective	2
DMS490 General Clinical III	6	OE 200 Open Elective	6
DMS495 Cardiovascular Clinical III	6	OE 200 Open Elective	6
DENTAL AUXILIARY (DNTL)			
DNTL101 Expanded Funct Dental Auxil I	4	OE 100 Open Elective	4
DNTL102 Expanded Funct Dental Auxil II	4	OE 100 Open Elective	4
EARLY CHILDHOOD EDUCATION (ECE)			
ECE104 Trauma Informed Care for ECE	1	OE 100 Open Elective	1
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
ECE141 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
ECE211 Family, School & Community	3	OE 200 Open Elective	3
ECE220 Math and Science for ECD	2	OE 200 Open Elective	2
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
ECONOMICS (ECON)			
ECON105 Principles of Microeconomics	3	ECO222 Principles of Microeconomics	3
ECON110 Principles of Macroeconomics	3	ECO221 Principles of Macroeconomics	3

EARLY CHILDHOOD EDUCATION (EDU)			
EDU101 Introduction to Education	3	OE 100 Open Elective	3
EDU201 Educational Psychology	3	OE 200 Open Elective	3
EDU251 Exceptional Individuals	3	OE 200 Open Elective	3
ELECTRICAL ENGINEERING (ELEC)			
ELEC113 Circuits I	3	OE 100 Open Elective	3
ELEC213 Circuits II	3	OE 200 Open Elective	3
ELEC225 Communication Electronics I	3	OE 200 Open Elective	3
ELEC241 Digital Electronics I	3	OE 200 Open Elective	3
ELEC251 Digital Electronics II	3	OE 200 Open Elective	3
ELEC267 Linear Integrated Circuits	3	OE 200 Open Elective	3
EMERGENCY MED SERVICES (EMS)			
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
EMS120 Emergency Medical Technician	7	OE 100 Open Elective	7
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
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
ENGLISH/COMPOSITION (ENGL)			
ENGL012 Co-Requisite Composition I	2	No Credit	*
ENGL112 Composition I	3	ENG141 Rhetoric & Introductory Research Writing	3
ENGL112C Composition I	3	ENG142 Rhetoric and Academic Writing	3
ENGL113 Composition II	3	ENG101 English Elective	3
ENGL200 Introduction to Research	3	ENG200 English Elective	3
ENGL208 Technical Writing	3	ENG152 Introduction to Technical Writing	3
ENGL211 Survey of American Literature I	3	ENG293 American Literature I (Colonial to Civil War)	3
ENGL212 Survey of American Literature II	3	ENG294 American Literature II (Civil War to WWII)	3
ENGL216 Writing About Literature	3	ENG200 English Elective	3
ENGL221 Survey of British Literature I	3	ENG291 British Literature I (Old English - the Restoration)	3
ENGL222 Survey of British Literature II	3	ENG292 British Literature II (Romanticism to WWII)	3
ENGL250 Writing for the Prof Nurse	4	ENG200 English Elective	4
ENGINEERING TECHNOL (ENGR)			
ENGR100 Introduction to Engineering Technologies	1	OE 100 Open Elective	1
ENGR106 Comp Applicat for Engineering Technicians	2	OE 100 Open Elective	2
ENGR110 Engineering Graphics wAutoCAD	3	OE 100 Open Elective	3
ENGR115 Industrial Controls	3	OE 100 Open Elective	3

ENGR120 Engineering Materials	3	OE 100 Open Elective	3
ENGR200 3D Modeling for Engineering	2	OE 200 Open Elective	2
ENGR205 Engineering Tech Leadership	2	OE 200 Open Elective	2
ENGR210 Quality Control and Assurance	3	OE 200 Open Elective	3
ENGR279 Engineering Technology Capstone	2	OE 200 Open Elective	2
ENGR296 Engineering Technology Cooperative	3	OE 200 Open Elective	3
<i>ELECTRIC TRANSM & POWER (ETD)</i>			
ETD150 Electric Motors and Generators	3	OE 100 Open Elective	3
ETD260 Electric Transm & Distrib I	3	OE 200 Open Elective	3
ETD270 Electric Transm & Distrib II	3	OE 200 Open Elective	3
<i>FIRE-FIRE SCIENCE TECHNOLOGY (FIRE)</i>			
FIRE100 Firefighter Health and Safety	3	OE 100 Open Elective	3
FIRE109 Occupational Safety & Health	3	OE 100 Open Elective	3
FIRE110 Principles of Emergency Services	3	OE 100 Open Elective	3
FIRE111 Firefighter I	7	OE 100 Open Elective	7
FIRE112 Firefighter 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
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 200 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
FIRE279 Strategy and Tactics	3	OE 200 Open Elective	3
<i>HISTORY (HIST)</i>			
HIST100 American Politics & Government	3	HIS100 History Elective	3
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
<i>Health (HLT)</i>			
HLT100 Community Health	2	OE 100 Open Elective	2
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
HLT105 Community Health I	2	OE 100 Open Elective	2

HLT106 Community Health II	4	OE 100 Open Elective	4
HLT107 Community Health III	4	OE 100 Open Elective	4
HLT110 Medical Terminology	2	BIO150 Medical Terminology	2
HLT112 Intro to Health Sciences	1	OE 100 Open Elective	1
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
HLT200 Advanced Cardiac Life Support	1	OE 200 Open Elective	1
HUMAN SERVICES (HSV)			
HSV100 Principles of Social Work	3	OE 100 Open Elective	3
HSV110 Chemical Dependency I	3	OE 100 Open Elective	3
HSV111 Addiction Studies I	3	OE 100 Open Elective	3
HSV121 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
HSV210 Mental Health and Wellness	3	OE 200 Open Elective	3
HSV211 Mental Health and Wellness	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
HSV251 Addiction Studies 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 Elective	2
LET110 Constitutional Law and Courts	3	JUS100 Criminal Justice Elective	3
LET115 Public Administration	2	JUS100 Criminal Justice Elective	2
LET116 Public Administration	2	JUS100 Criminal Justice Elective	2
LET120 Criminal Law and Procedure	2	JUS201 Criminal Law	2
LET126 Basic Investigations	2	ENF100 Law Enforcement Elective	2
LET130 Victimology	2	FOR105 Victimology	2
LET161 Wellness I	1.5	OE 100 Open Elective	1.5
LET166 Wellness II	1.5	OE 100 Open Elective	1.5
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, & Community Corrections	3
LET230 Introduction to Homeland Security	3	ENF154 Homeland Security Overview	3
LET236 Wellness IV	1	OE 200 Open Elective	1
LET237 Subject Control	2	ENF200 Law Enforcement Elective	2
LET238 Patrol	4.5	ENF150 Police & Society	4.5
LET244 Human Relations	3	ENF200 Law Enforcement Elective	3
LET248 Criminal Law	4.5	JUS201 Criminal Law	4.5
LET249 Administration	2	ENF200 Law Enforcement Elective	2
LET263 Subject Control	2	ENF200 Law Enforcement Elective	2
LET264 Wellness III	1	OE 200 Open Elective	1
LET282 Investigations	2	ENF239 Applied Criminal Investigation & Criminalistics	2
LET284 Homeland Security	1	OE 200 Open Elective	1
LET286 Criminal Justice Practicum	2	JUS200 Criminal Justice Elective	2
LET291 Wellness IV	1	OE 200 Open Elective	1
LET292 Patrol	4	ENF150 Police & 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
LET298 First Aid	0.5	OE 200 Open Elective	0.5
LET299 Driving	1.5	ENF200 Law Enforcement Elective	1.5
MANUFACTURING ENGINEER (MANF)			
MANF100 Principles of Machining	2	OE 100 Open Elective	2
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
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)			
MATH012 Co-Req Quantitative Reasoning	2	No Credit	*
MATH013 Co-Requisite Statistics	2	No Credit	*
MATH014 Co-Requisite Algebra	2	No Credit	*
MATH031 Co-Requisite Statistics	2	No Credit	*
MATH123 Quantitative Reasoning	3	MAT185 Quantitative Reasoning	3
MATH123C Quantitative Reasoning	3	MAT185 Quantitative Reasoning	3
MATH130 Introduction to Statistics	3	MAT101 Mathematics Elective	3
MATH130C Introduction to Statistics	3	MAT273 Applied Statistics I	3
MATH140 College Algebra	3	MAT181 College Algebra	3
MATH140C College Algebra	3	MAT181 College Algebra	3
MATH150 Pre-Calculus	5	MAT275 Pre-Calculus	5
MATH200 Calculus I	5	MAT281 Calculus I	5
MATH210 Calculus II	5	MAT285 Calculus II	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
MECH111 Mechanical Systems	3	OE 100 Open Elective	3
MECH162 Instrumentation and Measurement	3	OE 100 Open Elective	3
MECH200 Alternative & Renewable Energy	3	OE 200 Open Elective	3
MECH202 Thermodynamics	2	OE 200 Open Elective	2
MECH203 Dynamics and Control	2	OE 200 Open Elective	2
MECH205 Fluid Mechanics & Fluid Power	3	OE 200 Open Elective	3
PRACTICAL NURSING (NPN)			
NPN102 Introduction to Pharmacology	2	OE 100 Open Elective	2
NPN109 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
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
NPN118 Fundamentals of Practical Nurs	5	OE 100 Open Elective	5
NPN119 Health Alterations II for PN	6.5	OE 100 Open Elective	6.5
NPN120 Health Alterations I for PN	6	OE 100 Open Elective	6
NPN121 Maternal/Child Nursing for PN	4	OE 100 Open Elective	4
NPN122 Transition to Practice for PN	1	OE 100 Open Elective	1
NURSING (NURS)			
NURS002 Basic Health Care Skills	3.5	No Credit	*
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
MURS117 Introduction to Adult Health	6	OE 100 Open Elective	6
NURS201 Advanced Adult Health	7	OE 200 Open Elective	7
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
NURS216 PM to RN Transition	5	OE 200 Open Elective	5
PHILOSOPHY (PHIL)			
PHIL100 Critical Thinking	3	PHI100 Philosophy Elective	3
PHIL105 Critical Thinking	3	PHI100 Philosophy Elective	3
PHIL150 Introduction to Philosophy	3	PHI110 The Art of Reasoning	3

PHIL200 Introduction to Ethics	3	PHI215 Ethics	3
PHIL305 Healthcare Ethics	3	PHI215 Ethics	3
PHYSICS (PHYS)			
PHYS105 Elementary Physics	4	PHY100 Physics Elective	4
PHYS112 Physics I	5	PHY211 General Physics I & Lab	3+2
PSYCHOLOGY (PSY)			
PSY100 Introduction to Psychology	3	PSY101 Introduction to Psychology	3
PSY200 Abnormal Psychology	3	PSY362 Abnormal Behavior	3
PSY210 Developmental Psychology	3	PSY200 Psychology Elective	3
PSY220 Social Psychology	3	PSY250 Social Psychology	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
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
RAD165 Patient Care and Management II	1	OE 100 Open Elective	1
RAD166 Patient Care and Management III	1	OE 100 Open Elective	1
RAD186 Clinical Education in Radiology II	2	OE 100 Open Elective	2
RAD188 Clinical Education in Radiology I	1.5	OE 100 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
RAD255 Medical Imaging Seminar II	1	OE 200 Open Elective	1
RAD267 Patient Care and Management IV	1	OE 200 Open Elective	1
RAD284 Clinical Education in Radiology IV	3	OE 200 Open Elective	3
RAD286 Clinical Education in Radiology IV	2	OE 200 Open Elective	2
RAD288 Clinical Education in Radiology V	2	OE 200 Open Elective	2
RAD293 CT Instrumentation	2.5	OE 200 Open Elective	2.5
SOCIOLOGY (SOC)			
SOC100 Introduction to Sociology	3	SOC101 Principles of Sociology	3
SOC110 Cultural Diversity	3	SOC100 Sociology Elective	3
SOC305 Gerontology	3	SOC200 Sociology Elective	3
SOC310 Cultural Reverence	3	SOC200 Sociology Elective	3
SPEECH (SPCH)			
SPCH100 Fundamentals of Communication	3	COM100 Communication Elective	3
SPCH205 Public Speaking	3	COM130 Introduction to Speech Communication	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