

| <b>BASED ON THE 2023-2024 CENTRAL OHIO TECHNICAL COLLEGE CATALOG AND THE<br/>2023-2024 TIFFIN UNIVERSITY ACADEMIC BULLETIN</b> |           |  |           |
|--|-----------|--|-----------|
| Central Ohio Technical College Course Equivalence  |           |  |           |
|  |           |  |           |
| <b><u>CENTRAL OHIO TECHNICAL COLLEGE</u></b>   |           | <b><u>TIFFIN UNIVERSITY</u></b>                        |           |
|  | Sem. Hrs. |  | Sem. Hrs. |
| <b><i>ACCOUNTING TECHNOLOGY (ACCT)</i></b>   |           |  |           |
| 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         |
|  |           |  |           |
| <b><i>BIOLOGY (BIO)</i></b>  |           |  |           |
| BIO010 Introduction to Human Biology   | 3         | BIO100 Biology Elective                                | 3         |
| 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         | BIO221 Human Anatomy and Physiology I and Lab          | 3+1       |
| BIO131 Anatomy and Physiology II   | 4         | BIO222 Human Anatomy and Physiology II and Lab         | 3+1       |
| BIO160 Biology I   | 5         | BIO120 General Biology I and Lab                       | 3+2       |
| BIO161 Biology II  | 5         | BIO121 General Biology II and Lab                      | 3+2       |
| BIO200 Microbiology  | 4         | BIO200 Biology Elective                                | 4         |
|  |           |  |           |
| <b><i>BUSINESS MANAGEMENT (BUS)</i></b>  |           |  |           |
| 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         | DLT101 Digital Literacy and 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         | MGT100 Management 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         |
| BUS212 Customer Service  | 3         | MGT200 Management Elective                             | 3         |
| BUS215 E-Commerce  | 3         | MKT200 Marketing Elective                              | 3         |
| BUS220 Human Resource Law/Policies   | 3         | MGT200 Management Elective                             | 3         |
| BUS226 21st Century Workplace Skills   | 3         | MGT200 Management Elective                             | 3         |
| BUS231 Training Labor Relations and Compensation   | 3         | MGT200 Management Elective                             | 3         |

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| 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   |
| 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 |
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| <b>COMMERCIAL DRIVER LICENSE (CDL)</b>             |         |   |     |
| CDL101 CDL Training                                | 1 (CEU) | No Credit   | *   |
|  |         |   |     |
| <b>CHEMISTRY (CHEM)</b>                            |         |   |     |
| 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 |
|  |         |   |     |
| <b>INFORMATION TECHNOLOGY (CIT)</b>                |         |   |     |
| CIT100 Principles of Computer Programming          | 2       | CST201 Introduction to Programming                            | 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       | CST155 Introduction to Operating 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       | CST100 Computer Science Elective                              | 3   |
| CIT160 Database                                    | 3       | CST280 Database I   | 3   |
| CIT200 .NET Programming                            | 3       | CST201 Introduction to Programming                            | 3   |
| CIT215 IT Project Management                       | 3       | CST200 Computer Science Elective                              | 3   |
| CIT220 Systems Analysis and Design                 | 3       | CST212 Systems Analysis and 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   |
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| <b>DIGITAL MEDIA DESIGN (DMD)</b>                  |         |   |     |
| 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   |

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| DMD106 Mass Media Communications                    | 3   | COM241 Mass Communication              | 3   |
| DMD113 Introduction to E-Life                       | 3   | DMD100 Digital Media & Design Elective | 3   |
| DMD120 Web Design & Development I                   | 3   | CST255 Internet and Web Design         | 3   |
| DMD121 Web Design & Development II                  | 3   | CST100 Computer Science Elective       | 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   |
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| <b>DIAGNOSTIC MED SONOGRAPHY (DMS)</b>              |     |  |     |
| 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 |
| 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   |
| DMS230 Echocardiography I                           | 3   | OE 200 Open Elective                   | 3   |
| 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   |
| DMS290 General Clinical I                           | 4   | OE 200 Open Elective                   | 4   |
| DMS295 Cardiovascular Clinical I                    | 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   |

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| 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 |
|  |   |                                     |   |
| <b>DENTAL AUXILIARY (DNTL)</b>                     |   |                                     |   |
| DNTL101 Expanded Funct Dental Auxil I              | 4 | OE 100 Open Elective                | 4 |
| DNTL102 Expanded Funct Dental Auxil II             | 4 | OE 100 Open Elective                | 4 |
|  |   |                                     |   |
| <b>EARLY CHILDHOOD EDUCATION (ECE)</b>             |   |                                     |   |
| ECE104 Trauma Informed Care for ECE                | 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 |
|  |   |                                     |   |
| <b>ECONOMICS (ECON)</b>                            |   |                                     |   |
| ECON105 Principles of Microeconomics               | 3 | ECO222 Principles of Microeconomics | 3 |
| ECON110 Principles of Macroeconomics               | 3 | ECO221 Principles of Macroeconomics | 3 |
|  |   |                                     |   |
| <b>EARLY CHILDHOOD EDUCATION (EDU)</b>             |   |                                     |   |
| 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 |
|  |   |                                     |   |
| <b>ELECTRICAL ENGINEERING (ELEC)</b>               |   |                                     |   |
| ELEC113 Circuits I                                 | 3 | OE 100 Open Elective                | 3 |
| ELEC213 Circuits II                                | 3 | OE 200 Open Elective                | 3 |

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|---|-----|---|-----|
| 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   |
|   |     |   |     |
| <b>EMERGENCY MED SERVICES (EMS)</b>                   |     |   |     |
| 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   |
|   |     |   |     |
| <b>ENGLISH/COMPOSITION (ENGL)</b>                     |     |   |     |
| 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   |
| ENGL208 Technical Writing                             | 3   | ENG152 Introduction to Technical Writing        | 3   |
| ENGL211 Survey of American Literature I               | 3   | ENG200 English Elective                         | 3   |
| ENGL212 Survey of American Literature II              | 3   | ENG200 English Elective                         | 3   |
| ENGL221 Survey of British Literature I                | 3   | ENG200 English Elective                         | 3   |
| ENGL222 Survey of British Literature II               | 3   | ENG200 English Elective                         | 3   |
|   |     |   |     |
| <b>ENGINEERING TECHNOL (ENGR)</b>                     |     |   |     |
| ENGR101 Intro to Engineering Technology               | 2   | OE 100 Open Elective                            | 2   |
| ENGR106 Computer Apps for Engineering                 | 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   |
| ENGR220 Introduction to Semiconductors                | 4   | OE 200 Open Elective                            | 4   |
| ENGR221 Introduction to Vacuum Systems                | 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   |
|   |     |   |     |
| <b>ELECTRIC TRANSM &amp; POWER (ETD)</b>              |     |   |     |
| 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   |
|   |     |   |     |
| <b>FIRE-FIRE SCIENCE TECHNOLOGY (FIRE)</b>            |     |   |     |
| 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   |

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| 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   |
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| <b>HISTORY (HIST)</b>                                |     |  |     |
| HIST100 American Politics & Government               | 3   | HIS100 History Elective                  | 3   |
| HIST150 U.S. History I: To 1877                      | 3   | HIS100 History Elective                  | 3   |
| HIST151 U.S. History II: Since 1877                  | 3   | HIS100 History Elective                  | 3   |
|  |     |  |     |
| <b>Health (HLT)</b>                                  |     |  |     |
| 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   | BIO100 Biology Elective                  | 2   |
| HLT121 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   |
|  |     |  |     |
| <b>LAWENFORCE/CJT/BPA (LET)</b>                      |     |  |     |
| 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   |
| 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   |

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| 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   |
| 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   |
| 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 |
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| <b>MANUFACTURING ENGINEER (MANF)</b>          |     |  |     |
| MANF100 Principles of Machining               | 2   | OE 100 Open Elective                                   | 2   |
| MANF106 Automation in Manufacturing           | 3   | OE 100 Open Elective                                   | 3   |
| MANF203 Statistical Process Control           | 2   | OE 200 Open Elective                                   | 2   |
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| <b>MATHEMATICS (MATH)</b>                     |     |  |     |
| MATH012 Co-Req Quantitative Reasoning         | 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   |
|   |     |  |     |
| <b>MEDICAL CODING (MCDE)</b>                  |     |  |     |
| 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   |
|   |     |  |     |
| <b>MECHANICAL ENGINEER (MECH)</b>             |     |  |     |

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|--|-----|-----------------------------------|-----|
| 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   |
|  |     |                                   |     |
| <b>PRACTICAL NURSING (NPN)</b>               |     |                                   |     |
| NPN102 Introduction to Pharmacology          | 2   | OE 100 Open Elective              | 2   |
| NPN109 Introduction to Pharmacology          | 2   | OE 100 Open Elective              | 2   |
| 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   |
|  |     |                                   |     |
| <b>NURSING (NURS)</b>                        |     |                                   |     |
| 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   |
|  |     |                                   |     |
| <b>PHILOSOPHY (PHIL)</b>                     |     |                                   |     |
| 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   |
|  |     |                                   |     |
| <b>PHYSICS (PHYS)</b>                        |     |                                   |     |
| PHYS105 Elementary Physics                   | 4   | PHY100 Physics Elective           | 4   |
| PHYS112 Physics I                            | 5   | PHY211 General Physics I & Lab    | 3+2 |
|  |     |                                   |     |
| <b>PSYCHOLOGY (PSY)</b>                      |     |                                   |     |
| 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   |
|  |     |                                   |     |
| <b>RADIOLOGIC SCIENCE (RAD)</b>              |     |                                   |     |
| RAD101 Imaging Procedures I                  | 3   | OE 100 Open Elective              | 3   |
| RAD103 Imaging Procedures II                 | 3   | OE 100 Open Elective              | 3   |



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|---|-----|---|-----|
| 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 |
|   |     |   |     |
| <b>SUPPLY CHAIN MANAGEMENT (SCM)</b>                |     |   |     |
| SCM100 Intro to Operations Management               | 3   | MGT100 Management Elective                  | 3   |
| SCM110 Intro to Logistics & Transport               | 3   | MGT100 Management Elective                  | 3   |
| SCM200 Warehouse Management                         | 3   | MGT200 Management Elective                  | 3   |
| SCM210 Value Chain Management                       | 3   | MGT200 Management Elective                  | 3   |
|   |     |   |     |
| <b>SOCIOLOGY (SOC)</b>                              |     |   |     |
| SOC100 Introduction to Sociology                    | 3   | SOC101 Principles of Sociology              | 3   |
| SOC110 Cultural Diversity                           | 3   | SOC100 Sociology Elective                   | 3   |
|   |     |   |     |
| <b>SPEECH (SPCH)</b>                                |     |   |     |
| 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   |
|   |     |   |     |
| <b>SURGICAL TECHNOLOGY (SURG)</b>                   |     |   |     |
| SURG101 Instrumentation for Surg Prof               | 2   | OE 100 Open Elective                        | 2   |
| SURG102 Tech Sciences for Surgical Pro              | 2   | OE 100 Open Elective                        | 2   |
| SURG103 Decontamination & Sterile Proc              | 4   | OE 100 Open Elective                        | 4   |
| SURG104 Professional Practices                      | 2   | OE 100 Open Elective                        | 2   |
| SURG105 Fundamental of Surg Tech Lab                | 3   | OE 100 Open Elective                        | 3   |
| SURG106 Fundamentals of Surgical Tech               | 3   | OE 100 Open Elective                        | 3   |
| 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   |

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|---|-----|--|-----|
| 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   |
| SURG201 Anesthesia and Pharmacology                     | 2   | OE 200 Open Elective                         | 2   |
| SURG202 Surgical Procedures Clinical I                  | 3   | OE 200 Open Elective                         | 3   |
| SURG203 Surgical Procedures I                           | 3   | OE 200 Open Elective                         | 3   |
| SURG204 Surg Procedures Clinical II                     | 3   | OE 200 Open Elective                         | 3   |
| SURG205 Surgical Procedures II                          | 3   | OE 200 Open Elective                         | 3   |
| SURG206 Certified Surg Ech Exam Prep                    | 2   | OE 200 Open Elective                         | 2   |
| 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   |
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| <b>SOCIAL WORK ASSISTANT (SWA)</b>                      |     |  |     |
| SWA100 Principles of Social Work                        | 3   | OE 100 Open Elective                         | 3   |
| SWA111 Addiction Studies I                              | 3   | OE 100 Open Elective                         | 3   |
| SWA121 Direct Practice Skills                           | 3   | OE 100 Open Elective                         | 3   |
| SWA131 Case Management                                  | 3   | OE 100 Open Elective                         | 3   |
| SWA141 Therapeutic Group Prac Skills                    | 3   | OE 100 Open Elective                         | 3   |
| SWA150 Social Welfare & Policy                          | 3   | OE 100 Open Elective                         | 3   |
| SWA200 Family Systems                                   | 3   | OE 200 Open Elective                         | 3   |
| SWA211 Mental Health and Wellness                       | 3   | OE 200 Open Elective                         | 3   |
| SWA240 SocialServforAgingPopulations                    | 3   | OE 200 Open Elective                         | 3   |
| SWA251 Addiction Studies II                             | 3   | OE 200 Open Elective                         | 3   |
| SWA280 Capstone: Social Work Ethics                     | 3   | OE 200 Open Elective                         | 3   |
| SWA285 Social Work Practicum I                          | 3   | OE 200 Open Elective                         | 3   |
| SWA286 Social Work Practicum II                         | 3   | OE 200 Open Elective                         | 3   |
|   |     |  |     |
| <b>UNMANNED AIRCRAFT SYSTEMS (UAS)</b>                  |     |  |     |
| UAS100 UAS Foundations                                  | 2.5 | UAS150 Intro to UAS Technology and Licensing | 2.5 |
| UAS105 UAS Applications                                 | 2.5 | UAS150 Intro to UAS Technology and Licensing | 2.5 |
| UAS110 UAS Personnel                                    | 2.5 | UAS100 Unmanned Aircraft Systems Elective    | 2.5 |
| UAS115 UAS Safety Management                            | 2.5 | UAS100 Unmanned Aircraft Systems Elective    | 2.5 |