

## ***Course Equivalency Guide***

between

**Iowa State University**  
515-294-5836  
***www.iastate.edu***

and

**Northeast Iowa Community College**  
***www.nicc.edu***

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***Based on the Northeast Iowa Community College 2023-2024 General Catalog and the  
2023-2024 Iowa State University Bulletin***

## ***How to Read the Course Equivalency Guide***

The Course Equivalency Guide lists the courses offered at the community college and how each of those corresponds to courses offered at Iowa State University. Regardless of how a course is listed on the equivalency guide, it is important to keep in mind that the individual colleges or departments determine how each course will apply toward your degree program at Iowa State University. Please note that equivalencies are date-specific and dependent on when the course was taken.

- If there is a course directly equivalent to the community college course, the Iowa State department and course number is listed.
- If there is not a course directly equivalent to the community college course, the department name is still listed with either a 1T\*\* or 2T\*\*. This shows that it does transfer as either a freshman (1T\*\*) or sophomore (2T\*\*) level course. The student's major department at Iowa State will apply these credits to the student's degree as they see fit.
- A "z" after MATH 100 indicates the course will transfer to Iowa State but will not be used toward graduation from Iowa State University.
- CAREER/TECH means the course is part of a career/technical program. A maximum of sixteen semester hours of career/technical credit can be transferred to Iowa State.
- "No Credit" in the credit column indicates the course does not transfer to Iowa State University. In most cases, the course is developmental in nature.

**ACCOUNTING**

|             |                               |             |        |
|-------------|-------------------------------|-------------|--------|
| ACC 115     | Introduction to Accounting I  | CAREER/TECH |        |
| ACC 152     | Financial Accounting          | ACCT 284    | 4      |
| ACC 156     | Managerial Accounting         | ACCT 285    | 4      |
| ACC 161-189 | By Title                      | CAREER/TECH |        |
| ACC 222     | Cost Accounting               | ACCT 2T**   | 4      |
| ACC 231-232 | Intermediate Accounting I, II | ACCT 2T**   | 4 each |
| ACC 265     | Income Tax Accounting         | ACCT 2T**   | 4      |
| ACC 312     | Computer Accounting           | ACCT 2T**   | 4      |
| ACC 491-935 | By Title                      | CAREER/TECH |        |

**ADMINISTRATIVE ASSISTANT**

|             |          |             |  |
|-------------|----------|-------------|--|
| ADM 116-935 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**ASSOCIATE DEGREE NURSING**

|             |          |             |  |
|-------------|----------|-------------|--|
| ADN 232-525 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**AGRICULTURE - AGRONOMY**

|             |  |             |   |
|-------------|--|-------------|---|
| AGA 114     | Principles of Agronomy                 | AGRON 181   | 3 |
| AGA 117-131 | By Title                               | CAREER/TECH |   |
| AGA 154     | Fundamentals of Soil Science           | AGRON 182   | 3 |
| AGA 157     | Soil Fertility                         | AGRON 1T**  | 1 |
| AGA 159     | Livestock Nutrient Management          | CAREER/TECH |   |
| AGA 161     | Herbicides                             | AGRON 2T**  | 1 |
| AGA 165     | Agricultural Fertilizers and Chemicals | CAREER/TECH |   |
| AGA 183     | Soil Health Lab                        | AGRON 1T**  | 1 |
| AGA 212     | Grain and Forage Crops                 | AGRON 280   | 4 |
| AGA 223     | Grain Management                       | CAREER/TECH |   |
| AGA 283     | Pesticide Application Certification    | ENT 2T**    | 2 |
| AGA 375     | Integrated Crop Management             | AGRON 2T**  | 2 |
| AGA 381     | Crop Scouting                          | AGRON 2T**  | 3 |
| AGA 802-812 | By Title                               | CAREER/TECH |   |
| AGA 853     | Certified Crop Advisor Review          | AGRON 2T**  | 1 |
| AGA 948     | Special Projects                       | CAREER/TECH |   |

**AGRICULTURE - FARM MANAGEMENT**

|         |                                     |             |   |
|---------|-------------------------------------|-------------|---|
| AGB 235 | Introduction to Agriculture Markets | ECON 235    | 3 |
| AGB 245 | Agriculture Risk Management         | ECON 2T**   | 3 |
| AGB 329 | Farm Management                     | CAREER/TECH |   |
| AGB 330 | Farm Business Management            | ECON 230    | 3 |
| AGB 333 | Applied Farm Financial Management   | ECON 1T**   | 2 |
| AGB 336 | Agricultural Selling                | ECON 336    | 3 |
| AGB 436 | Grain Merchandising                 | ECON 3T**   | 2 |
| AGB 466 | Agricultural Finance                | CAREER/TECH |   |
| AGB 802 | Agribusiness Internship I           | ECON 2T**   | 2 |
| AGB 812 | Agribusiness Internship II          | ECON 2T**   | 2 |

**AGRICULTURE - COMPREHENSIVE - MISCELLANEOUS**

|         |                                      |            |   |
|---------|--------------------------------------|------------|---|
| AGC 802 | Agriculture Production Internship I  | AGEDS 1T** | 2 |
| AGC 812 | Agriculture Production Internship II | AGEDS 2T** | 2 |

**AGRICULTURE - MECHANICS**

|             |   |             |   |
|-------------|---|-------------|---|
| AGM 361     | Commercial Grain Handling               | TSM 2T**    | 1 |
| AGM 504     | John Deere Welding                      | TSM 1T**    | 1 |
| AGM 516     | John Deere Heating and Air Conditioning | TSM 1T**    | 2 |
| AGM 531-808 | By Title                                | CAREER/TECH |   |

**AGRICULTURE - NATURAL RESOURCES AND FORESTRY**

|         |                                |           |   |
|---------|--------------------------------|-----------|---|
| AGN 272 | Agronomic Watershed Management | NREM 2T** | 4 |
|---------|--------------------------------|-----------|---|

**AGRICULTURE - PRECISION AGRICULTURE**

|         |                                     |             |   |
|---------|-------------------------------------|-------------|---|
| AGP 333 | Precision Farming Systems           | TSM 2T**    | 3 |
| AGP 435 | Advanced Precision Farming Software | CAREER/TECH |   |

**AGRICULTURE - ANIMAL SCIENCE**

|             |  |             |   |
|-------------|--|-------------|---|
| AGS 101     | Working with Animals                               | AN S 101    | 2 |
| AGS 111     | Introduction to Dairy Science                      | CAREER/TECH |   |
| AGS 114     | Survey of the Animal Industry                      | AN S 114    | 2 |
| AGS 118     | Animal Science                                     | CAREER/TECH |   |
| AGS 216     | Equine Science                                     | AN S 216    | 3 |
| AGS 218     | Domestic Animal Physiology                         | AN S 214    | 3 |
|             | Domestic Animal Physiology Lab                     | AN S 214L   | 1 |
| AGS 224     | Companion Animal Science                           | AN S 224    | 3 |
| AGS 226     | Beef Cattle Science                                | AN S 226    | 3 |
| AGS 242     | Animal Health                                      | AN S 2T**   | 3 |
| AGS 244     | Applied Animal Disease Prevention & Treatment      | AN S 2T**   | 2 |
| AGS 251     | Beef Production Management                         | AN S 2T**   | 3 |
| AGS 252     | Fall Beef Cattle Science Lab                       | AN S 2T**   | 2 |
| AGS 253     | Spring Beef Cattle Science Lab                     | AN S 2T**   | 2 |
| AGS 319     | Animal Nutrition                                   | AN S 2T**   | 3 |
| AGS 320     | Applied Animal Nutrition                           | AN S 2T**   | 3 |
| AGS 326     | Applied Ration Balancing and Feeding               | AN S 2T**   | 2 |
| AGS 331     | Animal Reproduction                                | AN S 2T**   | 3 |
| AGS 334     | Applied Reproductive Techniques                    | AN S 2T**   | 2 |
| AGS 335     | Principles of Milk Production                      | AN S 235    | 3 |
| AGS 336     | Dairy Management Lab I                             | AN S 2T**   | 2 |
| AGS 337     | Principles of Dairy Production                     | AN S 2T**   | 3 |
| AGS 339     | Dairy Management Lab II                            | AN S 2T**   | 2 |
| AGS 342-346 | By Title   | CAREER/TECH |   |
| AGS 347     | Spring Farm Facilities & Equipment Maintenance Lab | CAREER/TECH |   |
| AGS 348     | Beef Business Analytics                            | CAREER/TECH |   |
| AGS 353     | Animal Genetics                                    | AN S 2T**   | 3 |
| AGS 354     | Applied Animal Selection and Improvement           | AN S 2T**   | 2 |
| AGS 360     | Dairy Cattle Science                               | AN S 235    | 3 |
| AGS 361     | Fall Dairy Cattle Science Lab                      | AN S 2T**   | 2 |
| AGS 362     | Dairy Cattle Management                            | AN S 2T**   | 3 |
| AGS 363     | Spring Dairy Cattle Science Lab                    | AN S 2T**   | 2 |
| AGS 364     | Fall Farm Facilities and Equipment Maintenance Lab | CAREER/TECH |   |
| AGS 366     | Applied Animal Reproduction                        | AN S 2T**   | 3 |
| AGS 805-830 | By Title   | CAREER/TECH |   |
| AGS 944     | Issues Facing Animal Science                       | AN S 211    | 1 |

**AGRICULTURE - VET TECH**

|         |   |           |   |
|---------|---|-----------|---|
| AGV 106 | Animal Handling, Records, and Procedural Management | AN S 1T** | 2 |
|---------|---|-----------|---|

**AGRICULTURE - VET TECH, Continued**

|             |  |             |   |
|-------------|--|-------------|---|
| AGV 109     | Pharmacy Skills                                  | CAREER/TECH |   |
| AGV 111     | Small Animal Laboratory Techniques               | AN S 1T**   | 2 |
| AGV 121     | Veterinary Medical Terminology                   | AN S 1T**   | 2 |
| AGV 140     | Veterinary Pharmacology                          | AN S 1T**   | 3 |
| AGV 141     | Advanced Veterinary Pharmacology                 | B M S 1T**  | 2 |
| AGV 156     | Veterinary Reception and Administration Skills   | CAREER/TECH |   |
| AGV 180     | Veterinary Raidology                             | AN S 1T**   | 2 |
| AGV 184     | Lab Animal Medicine                              | AN S 1T**   | 2 |
| AGV 220     | Veterinary Clinics                               | AN S 2T**   | 2 |
| AGV 246     | Large Animal Diagnostics                         | AN S 2T**   | 2 |
| AGV 247     | Large Animal Imaging and Surgery                 | AN S 2T**   | 2 |
| AGV 248     | Survey and Anesthesia for Veterinary Technicians | AN S 2T**   | 2 |
| AGV 266     | Advanced Veterinary Nursing Care                 | AN S 2T**   | 2 |
| AGV 267-951 | By Title   | CAREER/TECH |   |

**ANIMATION**

|         |                           |             |  |
|---------|---------------------------|-------------|--|
| ANI 105 | Introduction to Animation | CAREER/TECH |  |
|---------|---------------------------|-------------|--|

**ART**

|         |                  |           |   |
|---------|------------------|-----------|---|
| ART 101 | Art Appreciation | ART 1T**  | 3 |
| ART 133 | Drawing          | ART 1T**  | 3 |
| ART 203 | Art History I    | ART H 280 | 3 |
| ART 204 | Art History II   | ART H 281 | 3 |

**AMERICAN SIGN LANGUAGE**

|         |                            |         |   |
|---------|----------------------------|---------|---|
| ASL 131 | American Sign Language I   | ASL 101 | 3 |
| ASL 161 | American Sign Language II  | ASL 102 | 3 |
| ASL 241 | American Sign Language III | ASL 201 | 3 |
| ASL 271 | American Sign Language IV  | ASL 202 | 3 |

**AUTOMOTIVE TECHNOLOGY**

|             |          |             |  |
|-------------|----------|-------------|--|
| AUT 102-933 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**AVIATION**

|             |          |             |  |
|-------------|----------|-------------|--|
| AVM 200-210 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**BUSINESS COMPUTER APPLICATION**

|         |  |            |   |
|---------|--|------------|---|
| BCA 212 | Introduction to Computer Business Applications | COM S 2T** | 3 |
| BCA 213 | Intermediate Computer Business Applications    | COM S 2T** | 3 |

**BIOLOGY**

|          |                    |           |   |
|----------|--------------------|-----------|---|
| BIO 112* | General Biology I  | BIOL 2T** | 4 |
| BIO 113* | General Biology II | BIOL 2T** | 4 |

*\*When BIO 112 and BIO 113 are both taken, the courses will transfer as  
BIOL 211 (3), BIOL 211L (1), BIOL 212 (3), and BIOL 212L (1).*

|             |                              |             |   |
|-------------|------------------------------|-------------|---|
| BIO 125     | Plant Biology                | BIOL 1T**   | 4 |
| BIO 157     | Human Biology                | BIOL 155    | 4 |
| BIO 158-160 | By Title                     | CAREER/TECH |   |
| BIO 161     | Basic Anatomy and Physiology | BIOL 155    | 3 |

**BIOLOGY, continued**

|          |                                 |           |   |
|----------|---------------------------------|-----------|---|
| BIO 168* | Human Anatomy and Physiology I  | BIOL 2T** | 4 |
| BIO 173* | Human Anatomy and Physiology II | BIOL 2T** | 4 |

*\*When BIO 168 and BIO 173 are both taken, the courses will transfer as  
BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).*

|         |                  |            |   |
|---------|------------------|------------|---|
| BIO 183 | Microbiology     | MICRO 1T** | 3 |
| BIO 184 | Microbiology Lab | MICRO 1T** | 1 |
| BIO 186 | Microbiology     | MICRO 201  | 3 |
|         |                  | MICRO 201L | 1 |

**BUSINESS**

|             |                                    |             |   |
|-------------|------------------------------------|-------------|---|
| BUS 102     | Introduction to Business           | BUSAD 1T**  | 3 |
| BUS 121     | Business Communications            | ENGL 1T**   | 3 |
| BUS 127     | ICE House Student Success          | CAREER/TECH | 1 |
| BUS 129     | ICE House Student Success          | CAREER/TECH | 3 |
| BUS 180     | Business Ethics                    | CAREER/TECH |   |
| BUS 185     | Business Law I                     | ACCT 215    | 3 |
| BUS 199-207 | By Title                           | CAREER/TECH |   |
| BUS 265     | Risk Management                    | FIN 2T**    | 3 |
| BUS 933     | Business Administration Internship | CAREER/TECH |   |

**COMPUTER AIDED DRAFTING**

|             |          |             |  |
|-------------|----------|-------------|--|
| CAD 104-175 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**CHEMISTRY**

|         |  |           |     |
|---------|--|-----------|-----|
| CHM 110 | Introduction to Chemistry                | CHEM 163  | 3   |
| CHM 111 | Introduction to Chemistry Lab            | CHEM 163L | 1   |
| CHM 132 | Introduction to Organic and Biochemistry | CHEM 1T** | 4   |
| CHM 160 | Chemistry I                              | CHEM 177  | 3   |
| CHM 161 | Chemistry I Lab                          | CHEM 177L | 1.5 |
| CHM 170 | Chemistry II                             | CHEM 178  | 3   |
| CHM 171 | Chemistry II Lab                         | CHEM 178L | 1.5 |
| CHM 261 | Organic Chemistry I                      | CHEM 331  | 3   |
|         |  | CHEM 331L | 1   |
| CHM 271 | Organic Chemistry II                     | CHEM 332  | 3   |

**COMPUTER PROGRAMMING**

|             |  |             |   |
|-------------|--|-------------|---|
| CIS 101-122 | By Title                                     | CAREER/TECH |   |
| CIS 125     | Introduction to Programming Logic w/Language | COM S 1T**  | 3 |
| CIS 142     | Computer Science                             | COM S 1T**  | 4 |
| CIS 153     | Data Structures                              | COM S 1T**  | 4 |
| CIS 161     | C++  | COM S 1T**  | 3 |
| CIS 164     | Advanced C++                                 | COM S 1T**  | 3 |
| CIS 171-297 | By Title                                     | CAREER/TECH |   |
| CIS 303     | Introduction to Database                     | COM S 1T**  | 3 |
| CIS 329-450 | By Title                                     | CAREER/TECH |   |
| CIS 505     | Structured Systems                           | COM S 1T**  | 4 |
| CIS 649-800 | By Title                                     | CAREER/TECH |   |

**COMMUNICATION**

|         |                          |             |   |
|---------|--------------------------|-------------|---|
| COM 148 | Diversity and the Media  | JL MC 1T**  | 3 |
| COM 723 | Workplace Communications | CAREER/TECH |   |

**CONSTRUCTION**

CON 100-490                      By Title    CAREER/TECH

**CRIMINAL JUSTICE**

|         |                                    |          |   |
|---------|------------------------------------|----------|---|
| CRJ 100 | Introduction to Criminal Justice   | C J 240  | 3 |
| CRJ 101 | Ethics in Criminal Justice         | C J 1T** | 3 |
| CRJ 108 | Interviewing and Report Writing    | C J 1T** | 3 |
| CRJ 118 | Law Enforcement                    | C J 1T** | 3 |
| CRJ 120 | Introduction to Corrections        | C J 1T** | 3 |
| CRJ 129 | Criminal Procedure                 | C J 1T** | 3 |
| CRJ 130 | Criminal Law                       | C J 1T** | 3 |
| CRJ 131 | Criminal Law and Procedure         | C J 1T** | 3 |
| CRJ 132 | Constitutional Law                 | C J 1T** | 3 |
| CRJ 200 | Criminology                        | C J 242  | 3 |
| CRJ 201 | Juvenile Delinquency               | SOC 241  | 3 |
| CRJ 220 | Community-Based Corrections        | C J 2T** | 3 |
| CRJ 230 | Evidence                           | C J 220  | 3 |
| CRJ 289 | Current Issues in Criminal Justice | C J 2T** | 3 |
| CRJ 932 | Internship                         | C J 2T** | 3 |

**COMPUTER SCIENCE**

|         |                                 |            |   |
|---------|---------------------------------|------------|---|
| CSC 110 | Introduction to Computers       | COM S 103  | 3 |
| CSC 116 | Information Computing           | COM S 113  | 3 |
| CSC 142 | Computer Science                | COM S 1T** | 3 |
| CSC 153 | Data Structures                 | COM S 1T** | 4 |
| CSC 160 | Software Design and Development | COM S 1T** | 4 |

**DENTAL ASSISTING**

DEA 203-704                      By Title    CAREER/TECH

**FILM AND THEATRE**

|         |               |          |   |
|---------|---------------|----------|---|
| DRA 112 | American Film | HUM 1T** | 3 |
|---------|---------------|----------|---|

**DIESEL**

DSL 353-803                      By Title    CAREER/TECH

**EARLY CHILDHOOD EDUCATION**

|              |   |            |        |
|--------------|---|------------|--------|
| ECE 103      | Introduction to Early Childhood Education | HD FS 1T** | 3      |
| ECE 133      | Child Health, Safety, and Nutrition       | HD FS 1T** | 3      |
| ECE 158, 159 | Early Childhood Curriculum I, II          | HD FS 1T** | 3 each |
| ECE 170      | Child Growth and Development              | HD FS 1T** | 3      |
| ECE 221      | Infant/Toddler Care and Education         | HD FS 2T** | 3      |
| ECE 243      | Early Childhood Guidance                  | HD FS 2T** | 3      |
| ECE 290      | Early Childhood Program Administration    | HD FS 2T** | 3      |
| ECE 343      | Early Childhood Guidance Lab              | HD FS 2T** | 1      |
| ECE 359      | ECE Curriculum II Lab                     | HD FS 2T** | 1      |
| ECE 921      | Field Experience                          | HD FS 2T** | 2      |

**ECONOMICS**

|         |                              |          |   |
|---------|------------------------------|----------|---|
| ECN 120 | Principles of Macroeconomics | ECON 102 | 3 |
| ECN 130 | Principles of Microeconomics | ECON 101 | 3 |

**EDUCATION**

|         |                                      |           |   |
|---------|--------------------------------------|-----------|---|
| EDU 210 | Foundations of Education             | EDUC 204  | 3 |
| EDU 235 | Children's Literature                | HD FS 240 | 3 |
| EDU 245 | Exceptional Learner                  | SP ED 250 | 3 |
| EDU 255 | Technology in the Classroom          | EDUC 201  | 3 |
| EDU 282 | Field Experience: Exploring Teaching | EDUC 2T** | 1 |

**ENGINEERING TECHNOLOGY**

|             |          |             |  |
|-------------|----------|-------------|--|
| EGT 114-932 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**ELECTRICAL TECHNOLOGY**

|             |          |             |  |
|-------------|----------|-------------|--|
| ELE 107-401 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**ELECTRONICS**

|             |          |             |  |
|-------------|----------|-------------|--|
| ELT 118-715 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**EMERGENCY MEDICAL SERVICES**

|             |          |             |  |
|-------------|----------|-------------|--|
| EMS 200-664 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**ENGLISH COMPOSITION**

|         |                        |          |           |
|---------|------------------------|----------|-----------|
| ENG 021 | Foundations of Writing |          | No Credit |
| ENG 105 | Composition I          | ENGL 150 | 3         |
| ENG 106 | Composition II         | ENGL 250 | 3         |
| ENG 221 | Creative Writing       | ENGL 207 | 3         |

**ENVIRONMENTAL SCIENCE**

|         |                               |           |   |
|---------|-------------------------------|-----------|---|
| ENV 115 | Environmental Science         | BIOL 173  | 3 |
| ENV 116 | Environmental Science Lab     | BIOL 1T** | 1 |
| ENV 140 | Natural Resource Conservation | NREM 120  | 4 |

**FINANCE**

|         |                                    |           |   |
|---------|------------------------------------|-----------|---|
| FIN 101 | Principles of Banking              | FIN 1T**  | 3 |
| FIN 114 | Commercial Banking                 | FIN 1T**  | 3 |
| FIN 122 | Personal Finance                   | HD FS 283 | 4 |
| FIN 170 | Introduction to Commercial Lending | FIN 1T**  | 3 |
| FIN 250 | Finance Internship                 | FIN 2T**  | 2 |

**FIRE SCIENCE**

|         |                               |             |  |
|---------|-------------------------------|-------------|--|
| FIR 338 | Technical Agricultural Rescue | CAREER/TECH |  |
|---------|-------------------------------|-------------|--|

**FOREIGN LANGUAGE - SPANISH**

|         |                         |          |   |
|---------|-------------------------|----------|---|
| FLS 141 | Elementary Spanish I    | SPAN 101 | 4 |
| FLS 142 | Elementary Spanish II   | SPAN 102 | 4 |
| FLS 241 | Intermediate Spanish I  | SPAN 201 | 4 |
| FLS 242 | Intermediate Spanish II | SPAN 202 | 4 |

**GEOGRAPHY**

|         |                          |            |   |
|---------|--------------------------|------------|---|
| GEO 121 | World Regional Geography | S SCI 1T** | 3 |
|---------|--------------------------|------------|---|

**GEOGRAPHIC INFORMATION SYSTEMS**

|         |  |             |   |
|---------|--|-------------|---|
| GIS 111 | Introduction to Geographical Information Systems | TSM 1T**    | 3 |
| GIS 206 | GIS Data Acquisition and Management              | CAREER/TECH |   |

**GRAPHIC COMMUNICATIONS**

|             |          |             |  |
|-------------|----------|-------------|--|
| GRA 110-805 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**HEATING AND AIR CONDITIONING**

|             |          |             |  |
|-------------|----------|-------------|--|
| HCR 108-941 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**HISTORY**

|         |                             |          |   |
|---------|-----------------------------|----------|---|
| HIS 131 | World Civilization I        | HIST 201 | 3 |
| HIS 132 | World Civilization II       | HIST 202 | 3 |
| HIS 151 | U.S. History to 1877        | HIST 221 | 3 |
| HIS 152 | U.S. History since 1877     | HIST 222 | 3 |
| HIS 214 | Russian History and Culture | HUM 2T** | 3 |

**HEALTH INFORMATION TECHNOLOGY**

|             |          |             |  |
|-------------|----------|-------------|--|
| HIT 120-945 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**HEALTH SCIENCES**

|             |          |             |  |
|-------------|----------|-------------|--|
| HSC 110-949 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**HUMAN SERVICES**

|         |            |             |  |
|---------|------------|-------------|--|
| HSV 804 | Internship | CAREER/TECH |  |
|---------|------------|-------------|--|

**HUMANITIES**

|         |  |            |   |
|---------|--|------------|---|
| HUM 108 | Cultural Diversity and Identity                | S SCI 1T** | 3 |
| HUM 130 | Holocaust Perspectives: Confronting the Future | LAS 1T**   | 3 |

**INDUSTRIAL TECHNOLOGY**

|             |          |             |  |
|-------------|----------|-------------|--|
| IND 118-911 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**LEGAL ASSISTANT**

|             |                                   |             |   |
|-------------|-----------------------------------|-------------|---|
| LGL 112     | Introduction to Paralegal Studies | C J 1T**    | 3 |
| LGL 115     | Legal and Medical Terminology     | CAREER/TECH |   |
| LGL 130     | Probate/Real Estate               | C J 1T**    | 3 |
| LGL 153     | Legal Writing/Research            | C J 1T**    | 4 |
| LGL 170     | Litigation                        | C J 1T**    | 3 |
| LGL 186     | Contracts/Torts                   | C J 1T**    | 3 |
| LGL 191     | Taxation                          | C J 1T**    | 2 |
| LGL 250     | Family Law                        | C J 2T**    | 3 |
| LGL 286-941 | By Title                          | CAREER/TECH |   |

**LITERATURE**

|         |                                      |           |   |
|---------|--------------------------------------|-----------|---|
| LIT 101 | Introduction to Literature           | ENGL 201  | 3 |
| LIT 110 | American Literature to Mid-1800's    | ENGL 227  | 3 |
| LIT 111 | American Literature Since Mid-1800's | ENGL 228  | 3 |
| LIT 134 | Multicultural Literature             | ENGL 1T** | 3 |

**MEDICAL ASSISTANT**

|             |          |             |  |
|-------------|----------|-------------|--|
| MAP 111-622 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**MATHEMATICS**

|             |                      |           |           |
|-------------|----------------------|-----------|-----------|
| MAT 053-063 | By Title             |           | No Credit |
| MAT 102*    | Intermediate Algebra | MATH 100Z | 4         |

*\*Transfer credit in MATH 100Z does not count toward graduation.*



**MATHEMATICS, Continued**

|             |                                     |             |   |
|-------------|-------------------------------------|-------------|---|
| MAT 110     | Math for Liberal Arts               | MATH 105    | 3 |
| MAT 117     | Math for Elementary Teachers        | MATH 195    | 3 |
| MAT 120     | College Algebra                     | MATH 140    | 3 |
| MAT 128     | Precalculus                         | MATH 143    | 4 |
| MAT 140     | Finite Math                         | MATH 104    | 3 |
| MAT 156     | Statistics                          | STAT 104    | 3 |
| MAT 210     | Calculus I                          | MATH 165    | 4 |
| MAT 216     | Calculus II                         | MATH 166    | 4 |
| MAT 219     | Calculus III                        | MATH 265    | 4 |
| MAT 227     | Differential Equations with Laplace | MATH 267    | 4 |
| MAT 744-773 | By Title                            | CAREER/TECH |   |

**MOBILE DEVELOPMENT TECHNOLOGY**

|             |          |             |  |
|-------------|----------|-------------|--|
| MDT 110-120 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**MANUFACTURING**

|             |          |             |  |
|-------------|----------|-------------|--|
| MFG 119-933 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**MANAGEMENT**

|         |                                    |           |   |
|---------|------------------------------------|-----------|---|
| MGT 101 | Principles of Management           | MGMT 2T** | 3 |
| MGT 110 | Small Business Management          | MGMT 1T** | 3 |
| MGT 170 | Human Resource Management          | MGMT 2T** | 3 |
| MGT 215 | Principles of Financial Management | MGMT 2T** | 3 |

**MARKETING**

|             |                           |             |   |
|-------------|---------------------------|-------------|---|
| MKT 110     | Principles of Marketing   | MKT 2T**    | 3 |
| MKT 123-133 | By Title                  | CAREER/TECH |   |
| MKT 140     | Principles of Selling     | MKT 1T**    | 3 |
| MKT 150     | Principles of Advertising | ADVRT 230   | 3 |
| MKT 183-298 | By Title                  | CAREER/TECH |   |

**MEDICAL LAB TECH**

|             |          |             |  |
|-------------|----------|-------------|--|
| MLT 101-120 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**MUSIC - APPLIED**

|         |                      |            |   |
|---------|----------------------|------------|---|
| MUA 101 | Applied Voice        | MUSIC 1T** | 1 |
| MUA 147 | Applied Instrumental | MUSIC 1T** | 1 |

**GENERAL MUSIC**

|         |                    |           |   |
|---------|--------------------|-----------|---|
| MUS 100 | Music Appreciation | MUSIC 102 | 3 |
|---------|--------------------|-----------|---|

**COMPUTER NETWORKING**

|             |          |             |  |
|-------------|----------|-------------|--|
| NET 103-946 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**PHYSICAL EDUCATION ACTIVITIES**

|         |           |          |   |
|---------|-----------|----------|---|
| PEA 192 | Walking I | KIN 1T** | 1 |
|---------|-----------|----------|---|

**PHILOSOPHY**

|         |                            |           |   |
|---------|----------------------------|-----------|---|
| PHI 101 | Introduction to Philosophy | PHIL 201  | 3 |
| PHI 105 | Introduction to Ethics     | PHIL 230  | 3 |
| PHI 128 | Philosophy of Religion     | PHIL 1T** | 3 |

**PHYSICAL SCIENCE**

|         |                                   |            |   |
|---------|-----------------------------------|------------|---|
| PHS 142 | Principles of Astronomy           | ASTRO 120  | 3 |
| PHS 143 | Principles of Astronomy Lab       | ASTRO 1T** | 1 |
| PHS 166 | Meteorology, Weather, and Climate | MTEOR 206  | 4 |
| PHS 170 | Physical Geology                  | GEOL 100   | 3 |
| PHS 171 | Physical Geology Lab              | GEOL 100L  | 1 |

**PHYSICS**

|         |                    |             |   |
|---------|--------------------|-------------|---|
| PHY 106 | Survey of Physics  | PHYS 1T**   | 4 |
| PHY 162 | College Physics I  | PHYS 131    | 3 |
|         |                    | PHYS 131L   | 1 |
| PHY 172 | College Physics II | PHYS 132    | 3 |
|         |                    | PHYS 132L   | 1 |
| PHY 710 | Technical Physics  | CAREER/TECH |   |

**PRACTICAL NURSING**

|             |          |             |  |
|-------------|----------|-------------|--|
| PNN 179-270 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**POLITICAL SCIENCE**

|         |                              |           |   |
|---------|------------------------------|-----------|---|
| POL 111 | American National Government | POL S 111 | 3 |
|---------|------------------------------|-----------|---|

**PSYCHOLOGY**

|         |   |            |   |
|---------|---|------------|---|
| PSY 111 | Introduction to Psychology                      | PSYCH 101  | 3 |
| PSY 112 | Psychology of Human Relations                   | PSYCH 1T** | 3 |
| PSY 121 | Developmental Psychology                        | PSYCH 230  | 3 |
| PSY 222 | Child Psychology                                | PSYCH 2T** | 3 |
| PSY 226 | Psychology of Aging                             | PSYCH 2T** | 3 |
| PSY 241 | Abnormal Psychology                             | PSYCH 2T** | 3 |
| PSY 251 | Social Psychology                               | PSYCH 280  | 3 |
| PSY 261 | Human Sexuality                                 | HD FS 276  | 3 |
| PSY 274 | Introduction to Research Methods and Statistics | PSYCH 2T** | 3 |
| PSY 281 | Educational Psychology                          | PSYCH 333  | 3 |

**RADIOLOGIC TECHNOLOGY**

|             |          |             |  |
|-------------|----------|-------------|--|
| RAD 101-901 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**RESPIRATORY THERAPY**

|             |          |             |  |
|-------------|----------|-------------|--|
| RCP 271-840 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**READING**

|             |                       |  |           |
|-------------|-----------------------|--|-----------|
| RDG 034-041 | College Reading I, II |  | No Credit |
|-------------|-----------------------|--|-----------|

**RELIGION**

|         |                          |         |   |
|---------|--------------------------|---------|---|
| REL 105 | Introduction to Religion | REL 205 | 3 |
|---------|--------------------------|---------|---|

**STUDENT DEVELOPMENT**

|         |                        |             |   |
|---------|------------------------|-------------|---|
| SDV 179 | The College Experience | PSYCH 1T**  | 3 |
| SDV 949 | Special Topics         | CAREER/TECH |   |

**SUSTAINABLE ENERGY RESOURCES**

|             |          |             |  |
|-------------|----------|-------------|--|
| SER 115-170 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**SOCIOLOGY**

|         |                                       |           |   |
|---------|---------------------------------------|-----------|---|
| SOC 110 | Introduction to Sociology             | SOC 134   | 3 |
| SOC 115 | Social Problems                       | SOC 235   | 3 |
| SOC 120 | Marriage and Family                   | SOC 219   | 3 |
| SOC 160 | Introduction to Social Work           | SOC 1T**  | 3 |
| SOC 208 | Introduction to Cultural Anthropology | ANTHR 201 | 3 |

**SPEECH**

|         |                 |           |   |
|---------|-----------------|-----------|---|
| SPC 112 | Public Speaking | SP CM 212 | 3 |
|---------|-----------------|-----------|---|

**UTILITIES**

|             |          |             |  |
|-------------|----------|-------------|--|
| UTL 100-400 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**WORK BASED LEARNING**

|             |  |             |  |
|-------------|--|-------------|--|
| WBL 100-300 |  | CAREER/TECH |  |
|-------------|--|-------------|--|

**WELDING**

|             |          |             |  |
|-------------|----------|-------------|--|
| WEL 110-435 | By Title | CAREER/TECH |  |
|-------------|----------|-------------|--|

**WIND ENERGY AND TURBINE TECHNOLOGY**

|         |                             |             |  |
|---------|-----------------------------|-------------|--|
| WTT 103 | Introduction to Wind Energy | CAREER/TECH |  |
|---------|-----------------------------|-------------|--|