

| KIRKWOOD COMMUNITY COLLEGE |              | IOWA STATE |         |
|----------------------------|--------------|------------|---------|
| COURSE NUMBER              | COURSE TITLE | EQUIVALENT | CREDITS |

### ACCOUNTING

|            |                                  |             |   |
|------------|----------------------------------|-------------|---|
| ACC111     | Introduction to Accounting       | CAREER/TECH |   |
| ACC152     | Financial Accounting             | ACCT 284    | 4 |
| ACC156     | Managerial Accounting            | ACCT 285    | 4 |
| ACC160     | Payroll Accounting               | CAREER/TECH |   |
| ACC191     | Financial Analysis               | FIN 2T**    | 3 |
| ACC200     | Professionalism: Accounting Club | CAREER/TECH |   |
| ACC222     | Cost Accounting                  | ACCT 2T**   | 4 |
| ACC231     | Intermediate Accounting I        | ACCT 2T**   | 4 |
| ACC232     | Intermediate Accounting II       | ACCT 2T**   | 4 |
| ACC265     | Income Tax Accounting            | ACCT 2T**   | 4 |
| ACC311-491 | By Title                         | CAREER/TECH |   |
| ACC500     | Accounting for Entrepreneurs     | ACCT 2T**   | 3 |
| ACC924     | Honors Project                   | ACCT 2T**   | 1 |
| ACC928-949 | By Title                         | CAREER/TECH |   |

### ADMINISTRATIVE ASSISTANT

|            |          |             |  |
|------------|----------|-------------|--|
| ADM105-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### ASSOCIATE DEGREE NURSING

|            |          |             |  |
|------------|----------|-------------|--|
| ADN105-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### AGRICULTURE - AGRONOMY

|            |  |             |   |
|------------|--|-------------|---|
| AGA114     | Principles of Agronomy                 | AGRON 114   | 3 |
| AGA154     | Fundamentals of Soil Science           | AGRON 154   | 3 |
| AGA165     | Agricultural Fertilizers and Chemicals | ENT 283     | 3 |
| AGA209     | Row Crop Production                    | AGRON 2T**  | 3 |
| AGA217-880 | By Title                               | CAREER/TECH |   |
| AGA924     | Honors Project                         | AGRON 2T**  | 1 |
| AGA928     | Independent Study                      | AGRON 2T**  | 1 |
| AGA948     | Special Projects: Agronomy             | CAREER/TECH |   |

### AGRICULTURE - FARM MANAGEMENT

|            |  |             |   |
|------------|--|-------------|---|
| AGB101     | Agricultural Economics                 | CAREER/TECH |   |
| AGB133     | Introduction to Ag Business            | ECON 1T**   | 3 |
| AGB138     | Principles of Agribusiness             | ECON 1T**   | 3 |
| AGB235     | Introduction to Agriculture Markets    | ECON 235    | 3 |
| AGB251-328 | By Title                               | CAREER/TECH |   |
| AGB330     | Farm Business Management               | ECON 230    | 3 |
| AGB332     | Agricultural Advertising/Merchandising | CAREER/TECH |   |
| AGB336     | Agricultural Selling                   | ECON 336    | 3 |
| AGB466     | Agricultural Finance                   | ECON 1T**   | 3 |
| AGB470     | Farm Records, Accounts, Analysis       | ECON 1T**   | 3 |
| AGB924     | Honors Project                         | ECON 2T**   | 1 |
| AGB928     | Independent Study                      | ECON 2T**   | 1 |

### AGRICULTURE - COMPREHENSIVE

|            |            |             |     |
|------------|------------|-------------|-----|
| AGC101-928 | By Title   | CAREER/TECH |     |
| AGC932     | Internship | ECON 297    | 2-6 |

### AGRICULTURE - EQUINE

|            |          |             |  |
|------------|----------|-------------|--|
| AGE104-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

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### AGRICULTURE - FLORAL

|            |          |             |  |
|------------|----------|-------------|--|
| AGF120-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### AGRICULTURE - HORTICULTURE

|            |  |             |   |
|------------|--|-------------|---|
| AGH102-110 | By Title   | CAREER/TECH |   |
| AGH112     | Introduction to Turfgrass Management               | HORT 1T**   | 3 |
| AGH120     | Herbaceous Plant Materials                         | HORT 2T**   | 3 |
| AGH123     | Woody Plant Materials                              | HORT 2T**   | 3 |
| AGH127     | Ornamental Plant Materials                         | HORT 2T**   | 3 |
| AGH131-144 | By Title   | CAREER/TECH |   |
| AGH152     | Landscape Design Techniques                        | HORT 3T**   | 3 |
| AGH156     | Landscape Design II                                | HORT 3T**   | 3 |
| AGH158-165 | By Title   | CAREER/TECH |   |
| AGH190     | Interior Plantscape                                | HORT 1T**   | 3 |
| AGH211     | Advanced Turfgrass Management                      | HORT 3T**   | 3 |
| AGH233     | Plant Propagation I                                | HORT 322    | 3 |
| AGH236     | Plant Material Maintenance                         | HORT 3T**   | 3 |
| AGH238-279 | By Title   | CAREER/TECH |   |
| AGH282     | Pesticide Application Certification - Horticulture | HORT 3T**   | 1 |
| AGH293-425 | By Title   | CAREER/TECH |   |
| AGH924     | Honors Project                                     | HORT 2T**   | 1 |
| AGH928     | Independent Study                                  | HORT 2T**   | 1 |
| AGH948     | Special Projects: Horticulture                     | CAREER/TECH |   |

### AGRICULTURE - MECHANICS

|            |          |             |  |
|------------|----------|-------------|--|
| AGM103-932 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### AGRICULTURE - NATURAL RESOURCES/FORESTRY

|            |          |             |  |
|------------|----------|-------------|--|
| AGN105-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### AGRICULTURE - PRECISION AG

|            |                           |             |   |
|------------|---------------------------|-------------|---|
| AGP329     | Introduction to GPS       | TSM 1T**    | 3 |
| AGP333     | Precision Farming Systems | TSM 3T**    | 3 |
| AGP405     | Introduction to ArcView   | TSM 1T**    | 3 |
| AGP407-440 | By Title                  | CAREER/TECH |   |
| AGP924     | Honors Project            | TSM 2T**    | 1 |
| AGP928     | Independent Study         | TSM 2T**    | 1 |

### AGRICULTURE - ANIMAL SCIENCE

|            |                                   |             |   |
|------------|-----------------------------------|-------------|---|
| AGS113     | Survey of the Animal Industry     | AN S 114    | 2 |
|            | Survey of the Animal Industry Lab | AN S 101    | 1 |
| AGS214     | Domestic Animal Physiology        | AN S 214    | 3 |
| AGS220     | Domestic Animal Physiology Lab    | AN S 214L   | 1 |
| AGS225     | Swine Science                     | AN S 2T**   | 4 |
| AGS280*    | Livestock Merchandising           | AN S 2T**   | 3 |
| AGS305-307 | By Title                          | CAREER/TECH |   |
| AGS319     | Animal Nutrition                  | AN S 2T**   | 3 |
| AGS338     | Livestock Behavior and Welfare    | AN S 2T**   | 4 |
| AGS350     | Artificial Insemination of Cattle | CAREER/TECH |   |
| AGS425     | Swine Systems Management          | AN S 3T**   | 3 |
| AGS441     | Livestock Housing and Equipment   | AN S 2T**   | 2 |

*\*Updated December 13, 2010*

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**AGRICULTURE - ANIMAL SCIENCE, continued**

|         |                                      |             |   |
|---------|--------------------------------------|-------------|---|
| AGS530  | Swine Reproduction and Management    | AN S 3T**   | 4 |
| AGS550* | Beef Breeding/Reproduction/Nutrition | AN S 226    | 5 |
| AGS551* | Beef Science Management              | AN S 1T**   | 1 |
| AGS555* | Beef/Cow Calf Production             | AN S 2T**   | 3 |
| AGS560* | Beef Industry and Feedlot Management | AN S 2T**   | 5 |
| AGS924  | Honors Project                       | AN S 2T**   | 1 |
| AGS928  | Independent Study                    | AN S 2T**   | 1 |
| AGS948  | Special Projects                     | CAREER/TECH |   |

*\*Updated December 13, 2010*

**AGRICULTURE - TECHNOLOGY**

|        |                            |            |   |
|--------|----------------------------|------------|---|
| AGT120 | Agricultural Biotechnology | AGRON 1T** | 3 |
| AGT924 | Honors Project             | AGRON 2T** | 1 |
| AGT928 | Independent Study          | AGRON 2T** | 1 |

**AGRICULTURE - VET TECH**

|            |                                  |             |   |
|------------|----------------------------------|-------------|---|
| AGV101-120 | By Title                         | CAREER/TECH |   |
| AGV126     | Animal Anatomy and Physiology I  | AN S 214    | 3 |
| AGV127     | Animal Anatomy and Physiology II | AN S 214L   | 4 |
| AGV140-948 | By Title                         | CAREER/TECH |   |

**ANTHROPOLOGY**

|        |                       |            |   |
|--------|-----------------------|------------|---|
| ANT105 | Cultural Anthropology | ANTHR 201  | 3 |
| ANT924 | Honors Project        | ANTHR 2T** | 1 |
| ANT928 | Independent Study     | ANTHR 2T** | 1 |

**APPAREL MERCHANDISING**

|        |                                      |             |   |
|--------|--------------------------------------|-------------|---|
| APP120 | Apparel Visual Merchandising         | T C 1T**    | 3 |
| APP130 | Principles of Fashion Merchandising  | T C 1T**    | 3 |
| APP140 | Fashion History                      | T C 1T**    | 3 |
| APP170 | Fashion Trends and Consumer Analysis | CAREER/TECH |   |
| APP210 | Apparel Textiles                     | T C 1T**    | 3 |
| APP220 | Fashion Show Procedures              | CAREER/TECH |   |
| APP240 | Fashion Design                       | T C 278     | 3 |
| APP280 | Apparel Manufacturing                | T C 231     | 3 |
| APP924 | Honors Project                       | T C 2T**    | 1 |
| APP928 | Independent Study                    | T C 2T**    | 1 |

**ARCHITECTURAL**

|            |          |             |  |
|------------|----------|-------------|--|
| ARC100-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

**ART**

|             |                   |          |        |
|-------------|-------------------|----------|--------|
| ART101      | Art Appreciation  | ART 1T** | 3      |
| ART120      | 2-D Design        | ART 1T** | 3      |
| ART123      | 3-D Design        | ART 1T** | 3      |
| ART133, 134 | Drawing I, II     | ART 1T** | 3 each |
| ART138      | Figure Drawing    | ART 1T** | 3      |
| ART143, 144 | Painting I, II    | ART 1T** | 3 each |
| ART157, 158 | Printmaking I, II | ART 1T** | 3 each |
| ART163, 164 | Sculpture I, II   | ART 1T** | 3 each |
| ART165      | Sculpture III     | ART 2T** | 3      |

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### ART, continued

|             |                                      |           |        |
|-------------|--------------------------------------|-----------|--------|
| ART173, 174 | Ceramics I, II                       | ART 1T**  | 3 each |
| ART175      | Ceramics III                         | ART 2T**  | 3      |
| ART183      | Photography II                       | ART 2T**  | 2      |
| ART184, 185 | Photography I, II                    | ART 1T**  | 3 each |
| ART186      | Digital Photography                  | ART 1T**  | 3      |
| ART190      | History of Photography               | ART 1T**  | 3      |
| ART203      | Art History I                        | ART H 280 | 3      |
| ART204      | Art History II                       | ART H 281 | 3      |
| ART220      | Ceramics IV                          | ART 2T**  | 3      |
| ART223      | Intermediate Digital Photography     | ART 2T**  | 3      |
| ART283      | Advanced Black and White Photography | ART 2T**  | 3      |
| ART290      | Projects in Photography              | ART 2T**  | 1      |
| ART405, 407 | Jewelry: Metalsmithing I, II         | ART 2T**  | 3 each |
| ART420, 422 | Glass I, II                          | ART 2T**  | 3 each |
| ART924      | Honors Project                       | ART 2T**  | 1      |
| ART928      | Independent Study                    | ART 2T**  | 1-3    |

### AMERICAN SIGN LANGUAGE

|        |                            |          |     |
|--------|----------------------------|----------|-----|
| ASL141 | American Sign Language I   | WLC 1T** | 4   |
| ASL171 | American Sign Language II  | WLC 1T** | 4   |
| ASL241 | American Sign Language III | WLC 2T** | 3   |
| ASL271 | American Sign Language IV  | WLC 2T** | 3   |
| ASL924 | Honors Project             | WLC 2T** | 1   |
| ASL928 | Independent Study          | WLC 2T** | 1-2 |

### AUTOMOTIVE TECHNOLOGY

|            |          |             |  |
|------------|----------|-------------|--|
| AUT104-932 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### BUSINESS COMPUTER APPLICATIONS

|            |          |             |           |
|------------|----------|-------------|-----------|
| BCA070-080 | By Title |             | No Credit |
| BCA135-928 | By Title | CAREER/TECH |           |

### BIOLOGY

|         |                            |             |   |
|---------|----------------------------|-------------|---|
| BIO104  | Introductory Biology w/lab | BIOL 101    | 3 |
| BIO110  | Basic Biological Concepts  | CAREER/TECH |   |
| *BIO112 | General Biology I w/lab    | BIOL 2T**   | 4 |
| *BIO113 | General Biology II w/lab   | BIOL 2T**   | 4 |

*\*When BIO112 and BIO113 are both taken, the courses will transfer as BIOL 211 (3 cr), BIOL 211L (1 cr), BIOL 212 (3 cr), BIOL 212L (1 cr).*

|         |                                       |             |   |
|---------|---------------------------------------|-------------|---|
| BIO124  | Botany for Non-Majors                 | BIOL 1T**   | 4 |
| BIO151  | Nutrition                             | FS HN 167   | 3 |
| BIO154  | Human Biology                         | BIOL 155    | 3 |
| BIO161  | Basic Anatomy and Physiology          | CAREER/TECH |   |
| *BIO168 | Human Anatomy and Physiology I w/lab  | BIOL 1T**   | 4 |
| *BIO173 | Human Anatomy and Physiology II w/lab | BIOL 1T**   | 4 |

*\*When BIO168 and BIO173 are both taken, the courses will transfer as BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).*

|        |                   |           |   |
|--------|-------------------|-----------|---|
| BIO177 | Human Anatomy     | BIOL 255  | 3 |
|        | Human Anatomy Lab | BIOL 255L | 1 |

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| <b><u>BIOLOGY, continued</u></b>      |  |             |         |
| BIO180                                | Human Physiology                                 | BIOL 256    | 3       |
|                                       | Human Physiology Lab                             | BIOL 256L   | 1       |
| BIO181-182                            | By Title   | CAREER/TECH |         |
| BIO186                                | Microbiology                                     | MICRO 2T**  | 4       |
| BIO189                                | Microbes and Society                             | BIOL 1T**   | 3       |
| BIO190                                | Introductory Biotechnology                       | BIOL 1T**   | 3       |
| BIO195                                | Human Evolution                                  | ANTHR 202   | 3       |
| BIO249                                | Biotechnology Internship                         | BIOL 2T**   | 3       |
| BIO400-450                            | By Title   | CAREER/TECH |         |
| BIO500                                | Biological Agents of Terrorism                   | BIOL 2T**   | 2       |
| BIO924                                | Honors Project                                   | BIOL 2T**   | 1       |
| BIO928                                | Independent Study                                | BIOL 2T**   | 1       |
| <b><u>BUSINESS</u></b>                |  |             |         |
| BUS102                                | Introduction to Business                         | BUSAD 1T**  | 3       |
| BUS146                                | Small Business Planning Strategies               | CAREER/TECH |         |
| BUS151                                | Introduction to E-Commerce                       | MKT 1T**    | 3       |
| BUS161-178                            | By Title   | CAREER/TECH |         |
| BUS185                                | Business Law I                                   | ACCT 215    | 3       |
| BUS190-205                            | By Title   | CAREER/TECH |         |
| BUS220                                | Introduction to International Business           | MKT 2T**    | 3       |
| BUS223                                | Perspectives in International Studies            | CAREER/TECH |         |
| BUS290                                | Employment Search and Workplace Success          | FCEDS 1T**  | 1       |
| BUS908                                | Cooperative Education                            | XXX 1T**    | 1       |
| BUS924                                | Honors Project                                   | BUSAD 2T**  | 1       |
| BUS928                                | Independent Study                                | BUSAD 2T**  | 1       |
| BUS932                                | Internship                                       | BUSAD 2T**  | .5-4    |
| BUS949                                | Special Topics                                   | XXX 2T**    | 1-3     |
| <b><u>COMPUTER AIDED DRAFTING</u></b> |  |             |         |
| CAD105                                | CAD I  | CAREER/TECH |         |
| CAD106                                | CAD II   | TSM 3T**    | 3       |
| CAD140-928                            | By Title   | CAREER/TECH |         |
| <b><u>CHEMISTRY</u></b>               |  |             |         |
| CHM110                                | Introduction to Chemistry                        | CHEM 1T**   | 3       |
| CHM111                                | Introduction to Chemistry Lab                    | CHEM 1T**   | 1       |
| CHM132                                | Introduction to Organic and Biochemistry         | CHEM 231    | 3       |
|                                       | Introduction to Organic and Biochemistry Lab     | CHEM 231L   | 1       |
| CHM165                                | General Chemistry I                              | CHEM 177    | 3       |
|                                       | General Chemistry I Lab                          | CHEM 177L   | 1       |
| CHM175                                | General Chemistry II                             | CHEM 178    | 3       |
|                                       | General Chemistry II Lab                         | CHEM 178L   | 1       |
| CHM262                                | Organic Chemistry I                              | CHEM 331    | 3       |
|                                       | Organic Chemistry I Lab                          | CHEM 333L   | 1.5     |
| CHM272                                | Organic Chemistry II                             | CHEM 332    | 3       |
|                                       | Organic Chemistry II Lab                         | CHEM 334L   | 1.5     |
| CHM280                                | Quantitative Analysis                            | CHEM 211    | 2       |
|                                       | Quantitative Analysis Lab                        | CHEM 211L   | 2       |
| CHM500                                | Chemical Agents of Terrorism                     | CHEM 2T**   | 2       |
| CHM510                                | Monitoring for and Detection of Terrorist Agents | CHEM 2T**   | 2       |

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### CHEMISTRY, continued

|        |                   |           |   |
|--------|-------------------|-----------|---|
| CHM924 | Honors Project    | CHEM 2T** | 1 |
| CHM928 | Independent Study | CHEM 2T** | 1 |

### COMPUTER INFORMATION SYSTEMS

|            |  |             |   |
|------------|--|-------------|---|
| CIS111     | Business Applications                        | CAREER/TECH |   |
| CIS126     | Introduction to Programming Logic w/Language | COM S 1T**  | 4 |
| CIS128-135 | By Title                                     | CAREER/TECH |   |
| CIS153     | Data Structures                              | COM S 1T**  | 4 |
| CIS168     | Introduction to C                            | COM S 1T**  | 4 |
| CIS169     | C# Programming                               | CAREER/TECH |   |
| CIS172     | Java   | COM S 1T**  | 4 |
| CIS176     | Java II                                      | COM S 1T**  | 4 |
| CIS180-207 | By Title                                     | CAREER/TECH |   |
| CIS307     | Introduction to Databases                    | COM S 2T**  | 3 |
| CIS325     | Data Management                              | CAREER/TECH |   |
| CIS333     | Database and SQL                             | COM S 2T**  | 4 |
| CIS349-570 | By Title                                     | CAREER/TECH |   |
| CIS609     | Visual Basic.Net                             | COM S 2T**  | 4 |
| CIS610-802 | By Title                                     | CAREER/TECH |   |
| CIS924     | Honors Project                               | COM S 2T**  | 1 |
| CIS928     | Independent Study                            | COM S 2T**  | 1 |

### CULTURAL STUDIES

|        |  |             |      |
|--------|--|-------------|------|
| CLS125 | Language and Society                       | LING 1T**   | 3    |
| CLS140 | Understanding Cultures: The Mideast        | U ST 1T**   | 3    |
| CLS151 | Understanding Cultures: Latin America      | HUM 2T**    | 3    |
| CLS159 | Understanding Cultures: Indigenous Central | U ST 1T**   | 3    |
| CLS162 | Understanding Cultures: Pacific Societies  | U ST 1T**   | 3    |
| CLS165 | Understanding Cultures: Modern Japan       | U ST 1T**   | 3    |
| CLS167 | Understanding Cultures: Modern China       | U ST 1T**   | 3    |
| CLS171 | Understanding Cultures: Sub-Saharan Africa | U ST 1T**   | 3    |
| CLS180 | American Pluralism                         | HUM 1T**    | 3    |
| CLS190 | Culture and Technology                     | HUM 2T**    | 3    |
| CLS192 | Communication and Culture                  | HUM 2T**    | 3    |
| CLS200 | International Study                        | INT ST 2T** | 1-12 |
| CLS211 | Cultures in Transition: Central Europe     | LAS 2T**    | 3    |
| CLS924 | Honors Project                             | U ST 2T**   | 1    |
| CLS928 | Independent Study                          | U ST 2T**   | 1-2  |

### COMMUNICATION

|            |          |             |  |
|------------|----------|-------------|--|
| COM222-945 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### CONSTRUCTION

|            |          |             |  |
|------------|----------|-------------|--|
| CON108-932 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### CRIMINAL JUSTICE

|        |                                  |            |   |
|--------|----------------------------------|------------|---|
| CRJ100 | Introduction to Criminal Justice | CJ ST 1T** | 3 |
| CRJ101 | Ethics in Criminal Justice       | CJ ST 1T** | 3 |
| CRJ111 | Police and Society               | CJ ST 1T** | 3 |
| CRJ112 | History of Police in America     | CJ ST 1T** | 3 |
| CRJ120 | Introduction to Corrections      | CJ ST 1T** | 3 |

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**CRIMINAL JUSTICE, continued**

|        |   |            |   |
|--------|---|------------|---|
| CRJ130 | Criminal Law                              | CJ ST 1T** | 3 |
| CRJ133 | Constitutional Criminal Procedure         | CJ ST 1T** | 3 |
| CRJ134 | Applications of Criminal Law              | CJ ST 1T** | 3 |
| CRJ136 | Correctional Law                          | CJ ST 1T** | 3 |
| CRJ141 | Criminal Investigation                    | CJ ST 1T** | 3 |
| CRJ180 | Perspectives on Terrorism                 | CJ ST 1T** | 1 |
| CRJ181 | Terrorism: Security and Deterrence        | CJ ST 1T** | 1 |
| CRJ200 | Criminology                               | CJ ST 2T** | 3 |
| CRJ201 | Juvenile Delinquency                      | SOC 241    | 3 |
| CRJ202 | Cultural Awareness Criminal Justice Pract | CJ ST 2T** | 3 |
| CRJ212 | Community-Oriented Policing               | CJ ST 2T** | 3 |
| CRJ220 | Community-Based Corrections               | CJ ST 2T** | 3 |
| CRJ222 | Correctional Treatment Methods            | CJ ST 2T** | 3 |
| CRJ230 | Evidence                                  | CJ ST 2T** | 3 |
| CRJ244 | Traffic Collision Investigation           | CJ ST 2T** | 3 |
| CRJ924 | Honors Project                            | CJ ST 2T** | 1 |
| CRJ928 | Independent Study                         | CJ ST 2T** | 1 |
| CRJ932 | Internship                                | CJ ST 2T** | 1 |
| CRJ946 | Seminar                                   | CJ ST 2T** | 1 |

**COLLISION REPAIR/REFINISHING**

|            |          |             |  |
|------------|----------|-------------|--|
| CRR338-837 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

**COMPUTER SCIENCE**

|        |  |            |     |
|--------|--|------------|-----|
| CSC110 | Introduction to Computers                | COM S 104  | 3   |
| CSC111 | Introduction to Computers                | COM S 1T** | 4   |
| CSC142 | Computer Science                         | COM S 1T** | 4   |
| CSC153 | Data Structures                          | COM S 1T** | 4   |
| CSC160 | Software Design and Development          | COM S 1T** | 4   |
| CSC175 | Comp Org & Assembly Language Programming | COM S 1T** | 4   |
| CSC924 | Honors Project                           | COM S 2T** | 1   |
| CSC928 | Independent Study                        | COM S 2T** | 1-2 |

**DANCE**

|        |                              |            |     |
|--------|------------------------------|------------|-----|
| DAN110 | Fundamentals of Modern Dance | DANCE 1T** | 1-5 |
| DAN120 | Fundamentals of Jazz Dance   | DANCE 1T** | 1.5 |
| DAN130 | Ballet                       | DANCE 1T** | 1.5 |
| DAN140 | Fundamentals of Tap          | DANCE 1T** | 1.5 |
| DAN170 | Repertoire and Ensemble      | DANCE 1T** | 1.5 |
| DAN924 | Honors Project               | DANCE 2T** | 1   |
| DAN928 | Independent Study            | DANCE 2T** | 1.5 |

**DENTAL ASSISTANT**

|            |          |             |  |
|------------|----------|-------------|--|
| DEA285-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

**DENTAL**

|            |          |             |  |
|------------|----------|-------------|--|
| DEN100-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

**DENTAL HYGIENE**

|            |          |             |  |
|------------|----------|-------------|--|
| DHY134-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

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|----------------------------|--------------|------------|---------|
| COURSE NUMBER              | COURSE TITLE | EQUIVALENT | CREDITS |

### DENTAL LAB TECHNOLOGY

DLT152-928 By Title CAREER/TECH

### FILM AND THEATRE

|        |                               |            |     |
|--------|-------------------------------|------------|-----|
| DRA101 | Introduction to Theatre       | THTRE 106  | 3   |
| DRA116 | Film Analysis                 | JL MC 1T** | 3   |
| DRA117 | Film Topics                   | ENGL 2T**  | 3   |
| DRA125 | Introduction to Play Analysis | THTRE 1T** | 3   |
| DRA130 | Acting I                      | THTRE 251  | 3   |
| DRA132 | Acting II                     | THTRE 2T** | 3   |
| DRA163 | Technical Theatre             | THTRE 255  | 4   |
| DRA172 | Technical Theatre Lab         | THTRE 1T** | 1   |
| DRA230 | Acting Lab                    | THTRE 2T** | 1   |
| DRA924 | Honors Project                | THTRE 2T** | 1   |
| DRA928 | Independent Study             | THTRE 2T** | 1-3 |

### DRAFTING

|        |                       |             |   |
|--------|-----------------------|-------------|---|
| DRF141 | Engineering Drawings  | CAREER/TECH |   |
| DRF142 | Engineering Design I  | TSM 116     | 3 |
| DRF143 | Engineering Design II | TSM 216     | 3 |
| DRF924 | Honors Project        | TSM 2T**    | 1 |
| DRF928 | Independent Study     | TSM 2T**    | 1 |

### DIESEL

DSL143-928 By Title CAREER/TECH

### DISABILITY SERVICES

|        |   |            |     |
|--------|---|------------|-----|
| DSV100 | Introduction to Disabilities Services           | SOC 2T**   | 3   |
| DSV101 | Beginning Braille                               | CMDIS 1T** | 2   |
| DSV106 | Paraeducator Skills                             | CI 1T**    | 1   |
| DSV120 | Observation and Management of Behavior          | SOC 2T**   | 3   |
| DSV130 | Instruction and Adaptation Strategies           | SP ED 1T** | 3   |
| DSV200 | Exceptional Persons                             | SP ED 250  | 3   |
| DSV250 | Culturally and Linguistically Diverse Children  | C I 2T**   | 3   |
| DSV280 | Career and Transition Services                  | SOC 2T**   | 3   |
| DSV285 | Career & Transition Services Field Exp Seminar  | SOC 2T**   | 3   |
| DSV290 | Disabilities Services Careers Field Exp Seminar | SOC 2T**   | 3   |
| DSV924 | Honors Project                                  | SOC 2T**   | 1   |
| DSV928 | Independent Study                               | SOC 2T**   | 1-2 |

### EARLY CHILDHOOD EDUCATION

|        |   |            |     |
|--------|---|------------|-----|
| ECE103 | Introduction to Early Childhood Education | HD FS 1T** | 3   |
| ECE133 | Child Health, Safety and Nutrition        | H S 1T**   | 3   |
| ECE158 | Early Childhood Curriculum I              | C I 1T**   | 3   |
| ECE159 | Early Childhood Curriculum II             | C I 1T**   | 3   |
| ECE170 | Child Growth and Development              | HD FS 1T** | 3   |
| ECE221 | Infant/Toddler Care and Education         | HD FS 2T** | 3   |
| ECE243 | Early Childhood Guidance                  | HD FS 2T** | 3   |
| ECE262 | Early Childhood Field Experience          | HD FS 2T** | 3   |
| ECE290 | Early Childhood Program Administration    | HD FS 2T** | 3   |
| ECE924 | Honors Project                            | C I 2T**   | 1   |
| ECE928 | Independent Study                         | C I 2T**   | 1-2 |



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### **ECONOMICS**

|        |                              |           |   |
|--------|------------------------------|-----------|---|
| ECN120 | Principles of Macroeconomics | ECON 102  | 3 |
| ECN130 | Principles of Microeconomics | ECON 101  | 3 |
| ECN210 | Asian Economic Systems       | ECON 1T** | 3 |
| ECN924 | Honors Project               | ECON 2T** | 1 |
| ECN928 | Independent Study            | ECON 2T** | 1 |

### **EDUCATION**

|        |                           |           |     |
|--------|---------------------------|-----------|-----|
| EDU110 | Exploring Teaching        | C I 2T**  | 3   |
| EDU200 | Topics in Education       | C I 2T**  | 1   |
| EDU212 | Educational Foundations   | C I 204   | 3   |
| EDU240 | Educational Psychology    | PSYCH 333 | 3   |
| EDU805 | Literacy Tutor Experience | C I 2T**  | 1-3 |
| EDU920 | Field Experience          | C I 2T**  | 2-3 |
| EDU924 | Honors Project            | C I 2T**  | 1   |
| EDU928 | Independent Study         | C I 2T**  | 1   |

### **ENGINEERING**

|        |   |           |     |
|--------|---|-----------|-----|
| EGR100 | Engineering Orientation                   | ENGR 101  | 1   |
| EGR160 | Engineering I                             | ENGR 170  | 3   |
| EGR165 | Engineering II                            | ENGR 160  | 3   |
| EGR170 | Materials Science                         | MAT E 272 | 3   |
| EGR180 | Statics                                   | E M 274   | 3   |
| EGR280 | Dynamics                                  | E M 345   | 3   |
| EGR285 | Introduction to Electrical Science        | E E 2T**  | 4   |
| EGR290 | Thermodynamics                            | M E 330   | 3   |
| EGR380 | Mechanics of Deformable Bodies            | E M 2T**  | 3   |
| EGR400 | PLTW - Introduction to Engineering Design | ENGR 170  | 3   |
| EGR410 | PLTW - Principles of Engineering          | ENGR 1T** | 3   |
| EGR420 | PLTW - Digital Electronics                | ENGR 1T** | 3   |
| EGR430 | PLTW - Aerospace Engineering              | ENGR 1T** | 3   |
| EGR440 | PLTW - Biotechnical Engineering           | ENGR 1T** | 3   |
| EGR450 | PLTW - Computer Integrated Manufacturing  | ENGR 1T** | 3   |
| EGR460 | PLTW - Civil Engineering and Architecture | ENGR 1T** | 3   |
| EGR470 | PLTW - Engineering Design and Development | ENGR 1T** | 3   |
| EGR900 | NSF Technology Seminar                    | ENGR 2T** | 1   |
| EGR924 | Honors Project                            | ENGR 2T** | 1   |
| EGR928 | Independent Study                         | ENGR 2T** | 1-2 |

### **ENGINEERING TECHNOLOGY**

|            |                       |             |   |
|------------|-----------------------|-------------|---|
| EGT124     | Strength of Materials | TSM 1T**    | 4 |
| EGT125     | Applied Statics       | TSM 1T**    | 4 |
| EGT132-136 | By Title              | CAREER/TECH |   |
| EGT146     | Hydraulics            | TSM 337     | 3 |
| EGT188-470 | By Title              | CAREER/TECH |   |
| EGT924     | Honors Project        | TSM 2T**    | 1 |
| EGT928     | Independent Study     | TSM 2T**    | 1 |

### **ELECTRONICS**

|            |          |             |  |
|------------|----------|-------------|--|
| ELT129-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

| KIRKWOOD COMMUNITY COLLEGE                      |  | IOWA STATE  |           |
|---|--|-------------|-----------|
| COURSE NUMBER                                   | COURSE TITLE                                 | EQUIVALENT  | CREDITS   |
| <b><u>EMERGENCY MEDICAL SERVICES</u></b>        |  |             |           |
| EMS233-928                                      | By Title                                     | CAREER/TECH |           |
| <b><u>ELECTRONEURODIAGNOSTIC</u></b>            |  |             |           |
| END100-928                                      | By Title                                     | CAREER/TECH |           |
| <b><u>ENGLISH COMPOSITION</u></b>               |  |             |           |
| ENG013-075                                      | By Title                                     |             | No Credit |
| ENG101  | Elements of Writing                          | ENGL 1T**   | 3         |
| ENG105  | Composition I                                | ENGL 150    | 3         |
|   |  | LIB 160     | R         |
| ENG106  | Composition II                               | ENGL 250    | 3         |
| ENG108  | Composition II: Technical Writing            | ENGL 250    | 3         |
| ENG120  | College Writing                              | ENGL 150    | 2.5       |
|   |  | ENGL 250    | 2.5       |
| ENG150  | Fundamentals of English Grammar              | ENGL 1T**   | 3         |
| ENG221  | Creative Writing                             | ENGL 2T**   | 3         |
| ENG225  | Creative Writing: Poetry                     | ENGL 2T**   | 3         |
| ENG233  | Creative Writing: Short Fiction              | ENGL 2T**   | 3         |
| ENG235  | Creative Writing: Playwriting/Screen Writing | ENGL 2T**   | 3         |
| ENG238  | Creative Writing: Nonfiction                 | ENGL 2T**   | 3         |
| ENG240  | Advanced Creative Writing                    | ENGL 2T**   | 3         |
| ENG245  | Advanced Creative Writing: Short Fiction     | ENGL 2T**   | 3         |
| ENG250  | Presenting Info World Wide Web: Module I     | ENGL 2T**   | 1         |
| ENG251  | Presenting Info World Wide Web: Module II    | ENGL 2T**   | 1         |
| ENG252  | Presenting Info World Wide Web: Module III   | ENGL 2T**   | 1         |
| ENG275  | Editing a Literary Magazine                  | ENGL 2T**   | 3         |
| ENG924  | Honors Project                               | ENGL 2T**   | 1         |
| ENG928  | Independent Study                            | ENGL 2T**   | 1-3       |
| <b><u>ENVIRONMENTAL SCIENCE</u></b>             |  |             |           |
| ENV115  | Environmental Science                        | ENV S 173   | 3         |
| ENV924  | Honors Project                               | ENV S 2T**  | 1         |
| ENV928  | Independent Study                            | ENV S 2T**  | .5        |
| <b><u>INTENSIVE ENGLISH SECOND LANGUAGE</u></b> |  |             |           |
| ESI016-949                                      | By Title                                     |             | No Credit |
| <b><u>EXERCISE SCIENCE</u></b>                  |  |             |           |
| EXS280  | Exercise Physiology                          | KIN 2T**    | 4         |
| <b><u>FINANCE</u></b>                           |  |             |           |
| FIN101  | Principles of Banking                        | FIN 2T**    | 3         |
| FIN110  | Money and Banking                            | CAREER/TECH |           |
| FIN121  | Personal Finance                             | HD FS 283   | 3         |
| FIN130  | Principles of Finance                        | FIN 1T**    | 3         |
| FIN141  | Consumer Lending                             | FIN 1T**    | 3         |
| FIN170-178                                      | By Title                                     | CAREER/TECH |           |
| FIN924  | Honors Project                               | FIN 2T**    | 1         |
| FIN928  | Independent Study                            | FIN 2T**    | 1         |

| KIRKWOOD COMMUNITY COLLEGE |              | IOWA STATE |         |
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| COURSE NUMBER              | COURSE TITLE | EQUIVALENT | CREDITS |

### FIRE SCIENCE

|            |          |             |  |
|------------|----------|-------------|--|
| FIR105-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### FOREIGN LANGUAGE - FRENCH

|        |                        |            |     |
|--------|------------------------|------------|-----|
| FLF141 | Elementary French I    | FRNCH 101  | 4   |
| FLF142 | Elementary French II   | FRNCH 102  | 4   |
| FLF241 | Intermediate French I  | FRNCH 201  | 4   |
| FLF242 | Intermediate French II | FRNCH 202  | 4   |
| FLF924 | Honors Project         | FRNCH 2T** | 1   |
| FLF928 | Independent Study      | FRNCH 2T** | 1-3 |

### FOREIGN LANGUAGE - GERMAN

|        |                        |          |   |
|--------|------------------------|----------|---|
| FLG141 | Elementary German I    | GER 101  | 4 |
| FLG142 | Elementary German II   | GER 102  | 4 |
| FLG241 | Intermediate German I  | GER 201  | 4 |
| FLG242 | Intermediate German II | GER 202  | 4 |
| FLG924 | Honors Project         | GER 2T** | 1 |
| FLG928 | Independent Study      | GER 2T** | 1 |

### FOREIGN LANGUAGE - SPANISH

|        |   |             |           |
|--------|---|-------------|-----------|
| FLS101 | Spanish for Professionals: Health Care        | CAREER/TECH |           |
| FLS128 | Conversational Spanish                        |             | No Credit |
| FLS141 | Elementary Spanish I                          | SPAN 101    | 4         |
| FLS142 | Elementary Spanish II                         | SPAN 102    | 4         |
| FLS241 | Intermediate Spanish I                        | SPAN 201    | 4         |
| FLS242 | Intermediate Spanish II                       | SPAN 202    | 4         |
| FLS266 | Adv Spanish: Latin American & Spanish Culture | SPAN 2T**   | 3         |
| FLS924 | Honors Project                                | SPAN 2T**   | 1         |
| FLS928 | Independent Study                             | SPAN 2T**   | 1         |

### GEOGRAPHY

|        |                          |            |     |
|--------|--------------------------|------------|-----|
| GEO115 | Human Geography          | S SCI 1T** | 3   |
| GEO121 | World Regional Geography | S SCI 1T** | 3   |
| GEO924 | Honors Project           | S SCI 2T** | 1   |
| GEO928 | Independent Study        | S SCI 2T** | 1-2 |

### GEOGRAPHIC INFORMATION SYSTEMS

|            |          |             |  |
|------------|----------|-------------|--|
| GIS110-240 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### GRAPHIC COMMUNICATIONS

|            |          |             |  |
|------------|----------|-------------|--|
| GRA101-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### HOSPITALITY, CULINARY, MANAGEMENT

|            |                               |             |   |
|------------|-------------------------------|-------------|---|
| HCM100     | Sanitation and Safety         | HRI 2T**    | 2 |
| HCM117-195 | By Title                      | CAREER/TECH |   |
| HCM204     | Dining Room Techniques (lab)  | HRI 2T**    | 4 |
| HCM213     | Dining Management (lec)       | HRI 2T**    | 4 |
| HCM233     | Menu Planning & Nutrition     | CAREER/TECH |   |
| HCM251     | Purchasing/Cost Control (lec) | HRI 2T**    | 3 |
| HCM270-271 | By Title                      | CAREER/TECH |   |
| HCM310     | Hospitality Law               | HRI 2T**    | 3 |
| HCM315-324 | By Title                      | CAREER/TECH |   |

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| COURSE NUMBER              | COURSE TITLE | EQUIVALENT | CREDITS |

**HOSPITALITY, CULINARY, MANAGEMENT, continued**

|        |   |             |   |
|--------|---|-------------|---|
| HCM330 | Hospitality Personnel Management        | HRI 2T**    | 3 |
| HCM340 | Hospitality Events and Catering         | HRI 2T**    | 4 |
| HCM402 | Culinary Competition                    | CAREER/TECH |   |
| HCM403 | Food and Culture                        | HRI 2T**    | 3 |
| HCM404 | Culinary Travel Studies                 | CAREER/TECH |   |
| HCM600 | Introduction to Lodging Operations      | HRI 2T**    | 2 |
| HCM601 | Introduction to Rooms Operations        | HRI 2T**    | 3 |
| HCM602 | Introduction to Food and Bar Operations | CAREER/TECH |   |
| HCM603 | Introduction to Hospitality Sales       | HRI 2T**    | 2 |
| HCM924 | Honors Project                          | HRI 2T**    | 1 |
| HCM928 | Independent Study                       | HRI 2T**    | 1 |

**HEATING AND AIR CONDITIONING**

|            |          |             |  |
|------------|----------|-------------|--|
| HCR410-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

**HISTORY**

|         |                               |           |   |
|---------|-------------------------------|-----------|---|
| *HIS121 | Ancient Mediterranean World   | HIST 2T** | 3 |
| *HIS122 | Europe in the Age of Monarchy | HIST 2T** | 3 |

*\*When HIS121 and HIS122 are both taken, the courses will transfer as HIST 201 (6).*

|         |                                  |           |   |
|---------|----------------------------------|-----------|---|
| *HIS123 | Europe in the Age of Revolution  | HIST 2T** | 3 |
| *HIS124 | Europe in the Age of Nationalism | HIST 2T** | 3 |

*\*When HIS123 and HIS124 are both taken, the courses will transfer as HIST 202 (6).*

|        |   |           |   |
|--------|---|-----------|---|
| HIS135 | Modern World Military History               | HIST 1T** | 2 |
| HIS151 | U.S. History to 1877                        | HIST 221  | 3 |
| HIS152 | U.S. History Since 1877                     | HIST 222  | 3 |
| HIS221 | Holocaust & Genocide in Memory & Literature | HIST 1T** | 3 |
| HIS254 | American Indian History                     | AM IN 210 | 3 |
| HIS291 | History of Science                          | HIST 281  | 3 |
| HIS924 | Honors Project                              | HIST 2T** | 1 |
| HIS928 | Independent Study                           | HIST 2T** | 1 |

**HEALTH INFORMATION TECHNOLOGY**

|            |          |             |  |
|------------|----------|-------------|--|
| HIT220-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

**HEALTH SCIENCES**

|            |          |             |  |
|------------|----------|-------------|--|
| HSC103-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

**HUMAN SERVICES**

|        |   |            |   |
|--------|---|------------|---|
| HSV101 | Human Services Career Orientation         | SOC 1T**   | 3 |
| HSV110 | Human Service Policy and Programs         | SOC 1T**   | 3 |
| HSV120 | Observation Skills                        | PSYCH 100  | 3 |
| HSV131 | Basic Problem Solving Skills              | SOC 100    | 3 |
| HSV282 | Health and Psychosocial Rehabilitation    | PSYCH 2T** | 3 |
| HSV287 | Counseling Theories & Techniques          | PSYCH 2T** | 3 |
| HSV290 | Psychosocial Rehab Field Exper & Seminar  | PSYCH 2T** | 3 |
| HSV292 | Substance Abuse and Treatment             | HD FS 2T** | 3 |
| HSV800 | Human Services Field Experience & Seminar | SOC 2T**   | 5 |

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### **HUMAN SERVICES, continued**

|             |  |            |        |
|-------------|--|------------|--------|
| HSV813, 814 | Alcohol & Drug Couns Field Exp & Seminar I, II | HD FS 2T** | 6 each |
| HSV924      | Honors Project                                 | SOC 2T**   | 1      |
| HSV928      | Independent Study                              | SOC 2T**   | 1-2    |

### **HUMANITIES**

|        |                          |           |   |
|--------|--------------------------|-----------|---|
| HUM105 | Working in America       | HUM 1T**  | 3 |
| HUM116 | Encounters in Humanities | HUM 1T**  | 3 |
| HUM123 | U.S. Film History        | ENGL 1T** | 3 |
| HUM124 | World Film History       | ENGL 1T** | 3 |
| HUM142 | Popular Culture          | HUM 1T**  | 3 |
| HUM924 | Honors Project           | HUM 2T**  | 1 |
| HUM928 | Independent Study        | HUM 2T**  | 1 |

### **INDUSTRIAL TECHNOLOGY**

|            |          |             |  |
|------------|----------|-------------|--|
| IND112-320 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### **INTERIOR DESIGN**

|            |          |             |  |
|------------|----------|-------------|--|
| INT107-932 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### **INTERPRETING**

|             |  |            |        |
|-------------|--|------------|--------|
| ITP101, 102 | Independent Skills Lab I, II               | CMDIS 1T** | 2 each |
| ITP120      | Introduction to Interpreting               | CMDIS 1T** | 3      |
| ITP130      | Social Aspects of Deaf Culture             | SOC 1T**   | 3      |
| ITP150      | Process Analysis                           | CMDIS 1T** | 4      |
| ITP161      | Signing Systems in the Educational Setting | CMDIS 1T** | 3      |
| ITP170      | Sign Choir                                 | CMDIS 1T** | 1      |
| ITP221      | Interpreting I                             | CMDIS 2T** | 4      |
| ITP222      | Interpreting II                            | CMDIS 2T** | 3      |
| ITP251      | Professional Issues                        | CMDIS 1T** | 2      |
| ITP252      | Special Settings                           | CMDIS 2T** | 2      |
| ITP924      | Honors Project                             | CMDIS 2T** | 1      |
| ITP928      | Independent Study                          | CMDIS 2T** | 1      |
| ITP954      | Practicum and Seminar                      | CMDIS 2T** | 6      |

### **LITERATURE**

|        |   |           |     |
|--------|---|-----------|-----|
| LIT105 | Children's Literature                             | HD FS 240 | 3   |
| LIT158 | Literature of the African Peoples                 | ENGL 2T** | 3   |
| LIT203 | Forms of Literature: Story Cycle                  | ENGL 2T** | 3   |
| LIT204 | Forms of Literature: Nonfiction                   | ENGL 2T** | 3   |
| LIT205 | Forms of Literature: Drama                        | ENGL 2T** | 3   |
| LIT206 | Forms of Literature: Fiction                      | ENGL 2T** | 3   |
| LIT207 | Forms of Literature: Poetry                       | ENGL 2T** | 3   |
| LIT208 | Forms of Literature: New Media                    | ENGL 2T** | 3   |
| LIT222 | Literature and Culture: American Dreams           | ENGL 2T** | 3   |
| LIT224 | Literature and Culture: Women and Work            | ENGL 2T** | 3   |
| LIT225 | Literary Themes: Beyond Bartleby                  | ENGL 2T** | 3   |
| LIT226 | Literary Themes: Literature & Search for Identity | ENGL 2T** | 3   |
| LIT227 | Literature and Culture: World Poetry              | ENGL 2T** | 3   |
| LIT924 | Honors Project                                    | ENGL 2T** | 1   |
| LIT928 | Independent Study                                 | ENGL 2T** | 1-3 |
| LIT945 | Selected Topics                                   | ENGL 2T** | 1-3 |

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| COURSE NUMBER              | COURSE TITLE | EQUIVALENT | CREDITS |

### MEDICAL ASSISTANT

|            |          |             |  |
|------------|----------|-------------|--|
| MAP123-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### MASONRY

|            |          |             |  |
|------------|----------|-------------|--|
| MAS215-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### MATHEMATICS

|         |                                   |           |           |
|---------|-----------------------------------|-----------|-----------|
| MAT018  | College Readiness Experience Math | MATH 10   | No Credit |
| MAT052  | Pre-Algebra                       | MATH 10   | No Credit |
| MAT062  | Elementary Algebra                | MATH 25   | No Credit |
| MAT095  | Personal Achievement Math         | MATH 10   | No Credit |
| *MAT102 | Intermediate Algebra              | MATH 100Z | 4         |
| *MAT107 | Survey of Mathematics             | MATH 100Z | 4         |

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

|            |  |             |           |
|------------|--|-------------|-----------|
| MAT109     | Industrial Maintenance Math Fundamentals | CAREER/TECH |           |
| MAT115     | Mathematics and Society                  | MATH 105    | 3         |
| MAT117     | Mathematics for Elementary Teachers      | MATH 195    | 3         |
| MAT120     | College Algebra                          | MATH 140    | 3         |
| MAT136     | Trigonometry and Analytic Geometry       | MATH 142    | 5         |
| MAT137     | Applications of Geometry                 | CAREER/TECH |           |
| MAT138     | College Algebra with Limits              | MATH 140    | 4         |
| MAT140     | Finite Math                              | MATH 104    | 3         |
| MAT149     | Linear Algebra                           | MATH 2T**   | 3         |
| MAT150     | Discrete Math                            | MATH 1T**   | 3         |
| MAT155     | Statistical Ideas                        | STAT 1T**   | 3         |
| MAT157     | Statistics                               | STAT 101    | 4         |
| MAT162     | Business Statistics                      | STAT 226    | 4         |
| MAT165     | Business Calculus                        | MATH 151    | 3         |
| MAT175     | Calculus for the Biological Sciences     | MATH 160    | 4         |
| MAT210     | Calculus I                               | MATH 165    | 4         |
| MAT216     | Calculus II                              | MATH 166    | 4         |
| MAT219     | Calculus III                             | MATH 265    | 4         |
| MAT227     | Differential Equations with Laplace      | MATH 267    | 4         |
| MAT700-718 | By Title                                 | CAREER/TECH |           |
| MAT731-732 | By Title                                 |             | No Credit |
| MAT735-765 | By Title                                 | CAREER/TECH |           |
| MAT924     | Honors Project                           | MATH 2T**   | 1         |
| MAT928     | Independent Study                        | MATH 2T**   | 1         |

### MANUFACTURING

|            |                         |             |   |
|------------|-------------------------|-------------|---|
| MFG120-197 | By Title                | CAREER/TECH |   |
| MFG203     | Manufacturing Processes | TSM 240     | 2 |
| MFG213-928 | By Title                | CAREER/TECH |   |

### MANAGEMENT

|            |                                   |             |   |
|------------|-----------------------------------|-------------|---|
| MGT101     | Principles of Management          | MGMT 2T**   | 3 |
| MGT121-124 | By Title                          | CAREER/TECH |   |
| MGT128     | Organizational Behavior           | MGMT 2T**   | 3 |
| MGT130-155 | By Title                          | CAREER/TECH |   |
| MGT158     | Office Supervision and Management | MGMT 2T**   | 3 |
| MGT160     | Inventory Management              | CAREER/TECH |   |

| KIRKWOOD COMMUNITY COLLEGE          |   | IOWA STATE  |         |
|-------------------------------------|---|-------------|---------|
| COURSE NUMBER                       | COURSE TITLE                                  | EQUIVALENT  | CREDITS |
| <b><u>MANAGEMENT, continued</u></b> |   |             |         |
| MGT170                              | Human Resource Management                     | MGMT 2T**   | 3       |
| MGT172-193                          | By Title                                      | CAREER/TECH |         |
| MGT300                              | Introduction to Entrepreneurship              | MGMT 2T**   | 3       |
| MGT924                              | Honors Project                                | MGMT 2T**   | 1       |
| MGT928                              | Independent Study                             | MGMT 2T**   | 1-4     |
| <b><u>MILITARY</u></b>              |   |             |         |
| MIL100, 101                         | Foundations of the U.S. Air Force I, II       | AFAS 1T**   | 1 each  |
| MIL111, 112                         | AFROTC Leadership Lab I, II                   | AFAS 1T**   | 1 each  |
| MIL200, 201                         | The Evolution of USAF Air & Space Power I, II | AFAS 2T**   | 1 each  |
| MIL211, 212                         | AFROTC Leadership Lab III, IV                 | AFAS 2T**   | 1 each  |
| <b><u>MARKETING</u></b>             |   |             |         |
| MKT110                              | Principles of Marketing                       | MKT 2T**    | 3       |
| MKT140                              | Principles of Selling                         | MKT 2T**    | 3       |
| MKT145                              | Sales Management                              | MKT 2T**    | 3       |
| MKT150                              | Principles of Advertising                     | ADVRT 2T**  | 3       |
| MKT160                              | Principles of Retailing                       | MKT 2T**    | 3       |
| MKT168-187                          | By Title                                      | CAREER/TECH |         |
| MKT190                              | International Marketing                       | MKT 2T**    | 3       |
| MKT195                              | Marketing Management                          | MKT 2T**    | 3       |
| MKT297                              | Marketing and Advertising for Entrepreneurs   | MKT 2T**    | 3       |
| MKT924                              | Honors Project                                | MKT 2T**    | 1       |
| MKT928                              | Independent Study                             | MKT 2T**    | 1       |
| <b><u>MASS MEDIA STUDIES</u></b>    |   |             |         |
| MMS101                              | Mass Media                                    | JL MC 101   | 3       |
| MMS104                              | Introduction to Electronic Production         | JL MC 1T**  | 2       |
| MMS131                              | News Reporting                                | JL MC 1T**  | 3       |
| MMS133                              | News Media Convergence                        | JL MC 1T**  | 3       |
| MMS155                              | Photojournalism                               | JL MC 1T**  | 2       |
| MMS200                              | Advanced Audio                                | JL MC 2T**  | 2       |
| MMS215                              | Broadcast Writing and Performance             | JL MC 2T**  | 3       |
| MMS220                              | Advanced Television                           | JL MC 2T**  | 2       |
| MMS240                              | Promotions and Public Relations               | JL MC 2T**  | 3       |
| MMS920                              | Field Experience                              | JL MC 2T**  | 3       |
| MMS924                              | Honors Project                                | JL MC 2T**  | 1       |
| MMS928                              | Independent Study                             | JL MC 2T**  | 1-2     |
| MMS948                              | Special Projects                              | JL MC 2T**  | 1       |
| <b><u>MEDICAL TRANSCRIPTION</u></b> |   |             |         |
| MTR102-928                          | By Title                                      | CAREER/TECH |         |
| <b><u>MUSIC - APPLIED</u></b>       |   |             |         |
| MUA300                              | Applied Baritone                              | MUSIC 1T**  | 1-2     |
| MUA301                              | Applied Bassoon                               | MUSIC 1T**  | 1-2     |
| MUA302                              | Applied Cello                                 | MUSIC 1T**  | 1-2     |
| MUA303                              | Applied Clarinet                              | MUSIC 1T**  | 1-2     |
| MUA304                              | Applied Drum Set                              | MUSIC 1T**  | 1-2     |
| MUA305                              | Applied Flute                                 | MUSIC 1T**  | 1-2     |
| MUA306                              | Applied French Horn                           | MUSIC 1T**  | 1-2     |

| KIRKWOOD COMMUNITY COLLEGE |              | IOWA STATE |         |
|----------------------------|--------------|------------|---------|
| COURSE NUMBER              | COURSE TITLE | EQUIVALENT | CREDITS |

### MUSIC - APPLIED, continued

|        |                     |            |     |
|--------|---------------------|------------|-----|
| MUA307 | Applied Guitar      | MUSIC 1T** | 1-2 |
| MUA308 | Applied Oboe        | MUSIC 1T** | 1-2 |
| MUA309 | Applied Organ       | MUSIC 1T** | 1-2 |
| MUA310 | Applied Piano       | MUSIC 1T** | 1-2 |
| MUA311 | Applied Saxophone   | MUSIC 1T** | 1-2 |
| MUA312 | Applied String Bass | MUSIC 1T** | 1-2 |
| MUA313 | Applied Synthesizer | MUSIC 1T** | 1-2 |
| MUA314 | Applied Trombone    | MUSIC 1T** | 1-2 |
| MUA315 | Applied Trumpet     | MUSIC 1T** | 1-2 |
| MUA316 | Applied Tuba        | MUSIC 1T** | 1-2 |
| MUA317 | Applied Viola       | MUSIC 1T** | 1-2 |
| MUA318 | Applied Violin      | MUSIC 1T** | 1-2 |
| MUA319 | Applied Voice       | MUSIC 1T** | 1-2 |

### MUSIC - GENERAL

|             |                                   |            |        |
|-------------|-----------------------------------|------------|--------|
| MUS100      | Music Appreciation                | MUSIC 102  | 3      |
| MUS102      | Music Fundamentals                | MUSIC 1T** | 3      |
| MUS120, 121 | Music Theory I, II                | MUSIC 1T** | 3 each |
| MUS135, 136 | Music Theory Lab I, II            | MUSIC 1T** | 1 each |
| MUS140      | Concert Choir                     | MUSIC 1T** | 1      |
| MUS145      | Concert Band                      | MUSIC 1T** | 1      |
| MUS150      | Chamber Ensemble                  | MUSIC 1T** | 1      |
| MUS157      | Vocal Jazz Ensemble               | MUSIC 1T** | 1      |
| MUS163      | Instrumental Jazz Ensemble        | MUSIC 1T** | 1      |
| MUS165      | Jazz Combo                        | MUSIC 1T** | 1-2    |
| MUS191, 193 | Jazz Improvisation I, II          | MUSIC 1T** | 2 each |
| MUS208      | Rock, Jazz, and Blues Music       | MUSIC 2T** | 3      |
| MUS209      | Topics in Western Music History   | MUSIC 2T** | 3      |
| MUS220, 221 | Music Theory III, IV              | MUSIC 2T** | 3 each |
| MUS221      | Music Theory IV                   | MUSIC 2T** | 3      |
| MUS235, 236 | Music Theory Lab III, IV          | MUSIC 2T** | 1 each |
| MUS261      | Intro to MIDI                     | MUSIC 2T** | 2      |
| MUS268, 269 | Audio Recording I, II             | MUSIC 2T** | 3 each |
| MUS284      | Songwriting                       | MUSIC 2T** | 2      |
| MUS298      | Performance Seminar for Musicians | MUSIC 2T** | 1      |
| MUS924      | Honors Project                    | MUSIC 2T** | 1      |
| MUS928      | Independent Study                 | MUSIC 2T** | 1-2    |

### COMPUTER NETWORKING

|            |          |             |  |
|------------|----------|-------------|--|
| NET122-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### OCCUPATIONAL THERAPY ASSISTANT

|            |          |             |  |
|------------|----------|-------------|--|
| OTA100-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### PHYSICAL EDUCATION ACTIVITY

|        |                       |          |   |
|--------|-----------------------|----------|---|
| PEA110 | Badminton I           | KIN 122  | 1 |
| PEA117 | Bowling I             | KIN 129  | 1 |
| PEA134 | Golf I                | KIN 135  | 1 |
| PEA136 | Karate/Self Defense I | KIN 1T** | 1 |
| PEA150 | Powerwalking          | KIN 1T** | 1 |
| PEA154 | Racquetball I         | KIN 144  | 1 |



| KIRKWOOD COMMUNITY COLLEGE |              | IOWA STATE |         |
|----------------------------|--------------|------------|---------|
| COURSE NUMBER              | COURSE TITLE | EQUIVALENT | CREDITS |

### **PHYSICAL EDUCATION ACTIVITY, continued**

|        |                    |          |     |
|--------|--------------------|----------|-----|
| PEA174 | Tennis I           | KIN 158  | 1   |
| PEA176 | Volleyball I       | KIN 182  | 1   |
| PEA187 | Weight Training I  | KIN 166  | 1   |
| PEA287 | Weight Training II | KIN 2T** | 1   |
| PEA924 | Honors Project     | KIN 2T** | 1   |
| PEA928 | Independent Study  | KIN 2T** | 1-2 |

### **COACHING OFFICIATING**

|        |  |          |     |
|--------|--|----------|-----|
| PEC111 | Techniques and Theory of Coaching            | KIN 1T** | 2   |
| PEC116 | Athletic Development and Human Growth        | KIN 1T** | 2   |
| PEC125 | Athletic Injury Prevention                   | KIN 1T** | 2   |
| PEC140 | Theory of Coaching Softball                  | KIN 1T** | 2   |
| PEC144 | Theory of Coaching Baseball                  | KIN 1T** | 2   |
| PEC148 | Theory of Coaching Basketball                | KIN 1T** | 2   |
| PEC150 | Theory of Coaching Volleyball                | KIN 1T** | 2   |
| PEC160 | Sports Officiating                           | KIN 1T** | 2   |
| PEC220 | Techniques Teaching Individual & Dual Sports | KIN 2T** | 2   |
| PEC221 | Techniques of Teaching Team Sports           | KIN 2T** | 2   |
| PEC924 | Honors Project                               | KIN 2T** | 1   |
| PEC928 | Independent Study                            | KIN 2T** | 1-2 |

### **GENERAL PHYSICAL EDUCATION AND HEALTH**

|        |                                    |          |     |
|--------|------------------------------------|----------|-----|
| PEH111 | Personal Wellness                  | H S 1T** | 3   |
| PEH155 | Exercise Psychology                | KIN 1T** | 3   |
| PEH162 | Introduction to Physical Education | KIN 1T** | 3   |
| PEH210 | Elementary Physical Education      | KIN 2T** | 3   |
| PEH255 | Principles of Sport Management     | KIN 2T** | 3   |
| PEH924 | Honors Project                     | KIN 2T** | 1   |
| PEH928 | Independent Study                  | KIN 2T** | 1-2 |

### **INTERCOLLEGIATE PHYSICAL EDUCATION**

|        |                              |          |     |
|--------|------------------------------|----------|-----|
| PEV115 | Varsity Baseball             | ATH 1T** | 1   |
| PEV121 | Varsity Basketball, Men      | ATH 101B | 1   |
| PEV122 | Varsity Basketball, Women    | ATH 101C | 1   |
| PEV140 | Varsity Golf                 | ATH 101G | 1   |
| PEV160 | Varsity Softball             | ATH 101K | 1   |
| PEV170 | Varsity Volleyball           | ATH 101R | 1   |
| PEV215 | Varsity Baseball II          | ATH 1T** | 1   |
| PEV221 | Varsity Basketball II, Men   | ATH 101B | 1   |
| PEV222 | Varsity Basketball II, Women | ATH 101C | 1   |
| PEV240 | Varsity Golf II              | ATH 101G | 1   |
| PEV260 | Varsity Softball II          | ATH 101K | 1   |
| PEV270 | Varsity Volleyball II        | ATH 101R | 1   |
| PEV924 | Honors Project               | ATH 2T** | 1   |
| PEV928 | Independent Study            | ATH 2T** | 1-2 |

### **PHILOSOPHY**

|        |  |           |   |
|--------|--|-----------|---|
| PHI101 | Introduction to Philosophy                     | PHIL 201  | 3 |
| PHI105 | Introduction to Ethics                         | PHIL 230  | 3 |
| PHI111 | Basic Reasoning                                | PHIL 206  | 3 |
| PHI125 | Intro Non-Western Philosophy: Native Amer Phil | PHIL 1T** | 3 |

| KIRKWOOD COMMUNITY COLLEGE          |  | IOWA STATE  |         |
|-------------------------------------|--|-------------|---------|
| COURSE NUMBER                       | COURSE TITLE                               | EQUIVALENT  | CREDITS |
| <b><u>PHILOSOPHY, continued</u></b> |  |             |         |
| PHI126                              | Intro Non-Western Philosophy: Chinese Phil | PHIL 1T**   | 3       |
| PHI130                              | Philosophy of Human Nature                 | PHIL 1T**   | 3       |
| PHI132                              | Philosophy of Education                    | PHIL 1T**   | 3       |
| PHI150                              | Social & Political Philosophy              | PHIL 1T**   | 3       |
| PHI160                              | Environmental Ethics                       | PHIL 1T**   | 3       |
| PHI924                              | Honors Project                             | PHIL 2T**   | 1       |
| PHI928                              | Independent Study                          | PHIL 2T**   | 1       |
| <b><u>PHARMACY TECH</u></b>         |  |             |         |
| PHR118-928                          | By Title                                   | CAREER/TECH |         |
| <b><u>PHYSICAL SCIENCE</u></b>      |  |             |         |
| PHS151                              | Introduction to Astronomy                  | ASTRO 120   | 3       |
| PHS170                              | Physical Geology                           | GEOL 100    | 3       |
| PHS171                              | Physical Geology Lab                       | GEOL 100L   | 1       |
| PHS175                              | Environmental Geology                      | GEOL 101    | 3       |
| PHS176                              | Environmental Geology Lab                  | GEOL 1T**   | 1       |
| PHS180                              | Evolution of the Earth                     | GEOL 102    | 3       |
| PHS181                              | Evolution of the Earth Lab                 | GEOL 102L   | 1       |
| PHS924                              | Honors Project                             | GEOL 2T**   | 1       |
| PHS928                              | Independent Study                          | GEOL 2T**   | 1       |
| <b><u>PHYSICS</u></b>               |  |             |         |
| PHY120                              | Introductory Physics                       | PHYS 106    | 3       |
| PHY162                              | College Physics I                          | PHYS 111    | 4       |
| PHY172                              | College Physics II                         | PHYS 112    | 4       |
| PHY180-192                          | By Title                                   | CAREER/TECH |         |
| PHY212                              | Classical Physics I                        | PHYS 221    | 5       |
| PHY222                              | Classical Physics II                       | PHYS 222    | 5       |
| PHY230-232                          | By Title                                   | CAREER/TECH |         |
| PHY924                              | Honors Project                             | PHYS 2T**   | 1       |
| PHY928                              | Independent Study                          | PHYS 2T**   | 1       |
| <b><u>PLUMBING</u></b>              |  |             |         |
| PLU130-150                          | By Title                                   | CAREER/TECH |         |
| <b><u>PRACTICAL NURSING</u></b>     |  |             |         |
| PNN104-928                          | By Title                                   | CAREER/TECH |         |
| <b><u>POLITICAL SCIENCE</u></b>     |  |             |         |
| POL111                              | American National Government               | POL S 215   | 3       |
| POL121                              | International Relations                    | POL S 251   | 3       |
| POL125                              | Comparative Government and Politics        | POL S 241   | 3       |
| POL130                              | Perspectives on Terrorism                  | POL S 1T**  | 1       |
| POL150                              | Introduction to U.S. Foreign Policy        | POL S 2T**  | 3       |
| POL924                              | Honors Project                             | POL S 2T**  | 1       |
| POL928                              | Independent Study                          | POL S 2T**  | 1       |
| <b><u>PARALEGAL</u></b>             |  |             |         |
| PRL101                              | Paralegal Studies Orientation              | CJ ST 1T**  | 3       |
| PRL105                              | Legal Ethics                               | CJ ST 1T**  | 1       |

| KIRKWOOD COMMUNITY COLLEGE |              | IOWA STATE |         |
|----------------------------|--------------|------------|---------|
| COURSE NUMBER              | COURSE TITLE | EQUIVALENT | CREDITS |

### PARALEGAL, continued

|            |  |            |        |
|------------|--|------------|--------|
| PRL110-111 | Fund/Advanced Legal Research and Writing | CJ ST 1T** | 2 each |
| PRL120     | Investigation for Paralegals             | CJ ST 1T** | 2      |
| PRL130     | Torts                                    | CJ ST 1T** | 2      |
| PRL136     | Bankruptcy Law                           | ACCT 1T**  | 2      |
| PRL140     | Business Organization Law                | ACCT 1T**  | 2      |
| PRL145     | Secured Transactions                     | ACCT 1T**  | 2      |
| PRL150     | Real Estate Law                          | FIN 1T**   | 2      |
| PRL160     | Family Law                               | HD FS 1T** | 2      |
| PRL165     | Estate Planning/ Administration          | ACCT 1T**  | 2      |
| PRL170     | Administrative Law                       | CJ ST 1T** | 2      |
| PRL175     | Contracts                                | CJ ST 1T** | 2      |
| PRL176     | Civil Litigation                         | CJ ST 1T** | 3      |
| PRL180     | Employment Law Topics                    | CJ ST 1T** | 2      |
| PRL181     | Workers' Compensation                    | ACCT 1T**  | 2      |
| PRL185     | Immigration Law                          | CJ ST 1T** | 2      |
| PRL195     | Environmental Law                        | ENV S 1T** | 2      |
| PRL924     | Honors Project                           | CJ ST 1T** | 1      |
| PRL928     | Independent Study                        | CJ ST 1T** | 1      |
| PRL932     | Internship                               | CJ ST 2T** | 3      |
| PRL945     | Selected Topics                          | ACCT 2T**  | 2      |

### PSYCHOLOGY

|        |                            |            |   |
|--------|----------------------------|------------|---|
| PSY111 | Introduction to Psychology | PSYCH 101  | 3 |
| PSY121 | Developmental Psychology   | PSYCH 230  | 3 |
| PSY241 | Abnormal Psychology        | PSYCH 2T** | 3 |
| PSY251 | Social Psychology          | PSYCH 280  | 3 |
| PSY261 | Human Sexuality            | HD FS 276  | 3 |
| PSY924 | Honors Project             | PSYCH 2T** | 1 |

### PHYSICAL THERAPIST ASSISTANT

|            |          |             |  |
|------------|----------|-------------|--|
| PTA101-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### RESPIRATORY THERAPY

|            |          |             |  |
|------------|----------|-------------|--|
| RCP120-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### READING

|        |                              |            |     |
|--------|------------------------------|------------|-----|
| RDG130 | Effective Reading Strategies | PSYCH 131  | 3   |
| RDG200 | College Reading              | ENGL OR**  | 3   |
| RDG924 | Honors Project               | PSYCH 2T** | 1   |
| RDG928 | Independent Study            | PSYCH 2T** | 1-2 |

### RELIGION

|        |                                       |            |   |
|--------|---------------------------------------|------------|---|
| REL101 | Survey of World Religions             | RELIG 205  | 3 |
| REL120 | Judaism, Christianity, and Islam      | RELIG 1T** | 3 |
| REL125 | Introduction to Islam                 | RELIG 1T** | 3 |
| REL130 | Introduction to Religions of the East | RELIG 1T** | 3 |
| REL140 | Religion in the United States         | RELIG 210  | 3 |
| REL160 | Religions of China                    | RELIG 1T** | 3 |
| REL165 | Japanese Religions                    | RELIG 1T** | 3 |
| REL924 | Honors Project                        | RELIG 2T** | 1 |
| REL928 | Independent Study                     | RELIG 2T** | 1 |

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| COURSE NUMBER              | COURSE TITLE | EQUIVALENT | CREDITS |

### SCIENCE

|        |                             |          |           |
|--------|-----------------------------|----------|-----------|
| SCI050 | Science Principles          |          | No Credit |
| SCI120 | Forensic Science            | SCI 1T** | 3         |
| SCI122 | Forensic Science Laboratory | SCI 1T** | 1         |

### STUDENT DEVELOPMENT

|            |                                 |             |           |
|------------|---------------------------------|-------------|-----------|
| SDV022-099 | By Title                        |             | No Credit |
| SDV101     | How to Be Successful in College | CAREER/TECH |           |
| SDV102     | How College Works               | LAS 1T**    | 1         |
| SDV109     | College 101                     | ORIEN 1T**  | 3         |
| SDV117     | Program Planning Course         | CAREER/TECH |           |
| SDV119     | Information Literacy            | LIB 160     | 1         |
| SDV121     | College Prep Seminar            | LAS 1T**    | 3         |
| SDV135     | Job Seeking Skills              | CAREER/TECH |           |
| SDV160     | Career Decision Making          | LAS 1T**    | 2         |
| SDV175     | Tools for Life Seminar          | PSYCH 1T**  | 3         |
| SDV178     | Stress Management               | PSYCH 1T**  | 1         |
| SDV800-805 | By Title                        |             | No Credit |
| SDV924     | Honors Project                  | PSYCH 1T**  | 1         |
| SDV928     | Independent Study               | PSYCH 1T**  | 1         |

### SOCIOLOGY

|        |   |             |   |
|--------|---|-------------|---|
| SOC101 | Social Science Concepts                     | CAREER/TECH |   |
| SOC110 | Introduction to Sociology                   | SOC 134     | 3 |
| SOC115 | Social Problems                             | SOC 235     | 3 |
| SOC120 | Marriage and Family                         | SOC 219     | 3 |
| SOC132 | Sociology of Loss, Grieving and Growth      | SOC 1T**    | 3 |
| SOC135 | Death and Dying                             | HD FS 2T**  | 3 |
| SOC200 | Minority Group Relations                    | SOC 2T**    | 3 |
| SOC265 | Lesbian, Gay, Bisexual, Transgender Studies | W S 2T**    | 3 |
| SOC270 | Social and Behavioral Research Methods      | S SCI 2T**  | 3 |
| SOC284 | Sociology of the Environment                | SOC 2T**    | 3 |
| SOC880 | Service Learning Experience                 | CAREER/TECH |   |
| SOC924 | Honors Project                              | SOC 2T**    | 1 |
| SOC928 | Independent Study                           | SOC 2T**    | 1 |

### SPEECH

|        |                                    |            |     |
|--------|------------------------------------|------------|-----|
| SPC101 | Fundamentals of Oral Communication | SP CM 212  | 3   |
| SPC112 | Public Speaking                    | SP CM 212  | 3   |
| SPC132 | Group Communication                | COMST 102  | 3   |
| SPC924 | Honors Project                     | SP CM 2T** | 1   |
| SPC928 | Independent Study                  | SP CM 2T** | 1-3 |

### SURGICAL TECHNOLOGY

|            |          |             |  |
|------------|----------|-------------|--|
| SUR126-928 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### WATER ENVIRONMENTAL TECHNOLOGY

|            |          |             |  |
|------------|----------|-------------|--|
| WAT210-932 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|

### WELDING

|            |          |             |  |
|------------|----------|-------------|--|
| WEL105-947 | By Title | CAREER/TECH |  |
|------------|----------|-------------|--|