



**BLUEFIELD**  
C O L L E G E

# ***TRANSFER GUIDE***

***INCLUDING BLUEFIELD COLLEGE  
EQUIVALENTS FOR VIRGINIA  
COMMUNITY COLLEGE SYSTEM COURSES***

## ***2010-2011***

**Office of Academic Affairs  
Bluefield College  
3000 College Drive  
Bluefield, VA 24605  
(276) 326-4203**

**Updated 9/30/10**

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## INTRODUCTION

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Bluefield College welcomes transfer students from community and junior colleges as well as from four-year institutions. We strive to accept students for admission who will benefit from a personalized Christian liberal arts education. All applications are treated on a rolling basis, and every attempt is made to notify the applicant of his or her acceptance status as soon as the application process is complete. No single criterion will be decisive, but each item will be considered in relation to the applicant's total qualifications. All selections are made without reference to race, religion, color, creed, sex or national origin. Students are encouraged to schedule an appointment with an admissions representative for a tour of the campus. To assist students who are considering a transfer to Bluefield College, we summarize in this booklet the college's policies concerning the transfer applicant. This booklet includes Bluefield College equivalents for Virginia Community College System courses. Students considering transfer from other institutions should contact the Office of Enrollment Management at 1-800-872-0175 or 276-326-4231.

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## COURSE COMPARISONS

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The following sections show Bluefield College equivalents for Virginia Community College System courses. Students are encouraged to consult the Registrar to determine the requirements for a particular major.

**For conversion purpose: QH = Quarter Hours and SH = Semester Hours**

### **Accounting (ACC )**

- ACC 01 Bookkeeping** Does not transfer
- ACC 100 Introduction to Bookkeeping** Elective Credit
- ACC 105 Office Accounting** Elective Credit
- ACC 110 Introduction to Computerized Accounting** Elective Credit
- ACC 111 Accounting** BUS 2533
- ACC 112 Accounting II** BUS 2543
- ACC 113 Accounting I Laboratory** Elective Credit
- ACC 114 Accounting II Laboratory** Elective Credit
- ACC 115 Applied Accounting** Elective Credit
- ACC 116 Hospitality Accounting** Elective Credit
- ACC 124 Payroll Accounting** Elective Credit
- ACC 134 Small Business Taxes** Elective Credit
- ACC 211 Principles of Accounting I** BUS 2533
- ACC 212 Principles of Accounting II** BUS 2543
- ACC 213 Prin. of Accounting Laboratory I** Elective Credit
- ACC 214 Prin. of Accounting Laboratory II** Elective Credit
- ACC 215 Computerized Accounting** Elective Credit
- ACC 217 Analyzing Financial Statements** Elective Credit
- ACC 219 Government and Non-Profit Accounting** Elective Credit
- ACC 220 Accounting for Small Business** Elective Credit
- ACC 221 Intermediate Accounting I ( 3- 4 CR)** Elective Credit
- ACC 222 Intermediate Accounting II ( 3- 4 CR)** Elective Credit
- ACC 225 Managerial Accounting ( 3 CR)** BUS 3563
- ACC 230 Financial Accounting, Analysis and Industry Application ( 4 CR)** Elective Credit
- ACC 231 Cost Accounting I ( 3 CR)** BUS 3563
- ACC 232 Cost Accounting II ( 3 CR)** Elective Credit
- ACC 241 Auditing I ( 3 CR)** Elective Credit
- ACC 242 Auditing II ( 3 CR)** Elective Credit
- ACC 261 Principles of Federal Taxation I ( 3 CR)** BUS 4083
- ACC 262 Principles of Federal Taxation II ( 3 CR)** BUS 4083

### **Acquisitions (ACQ )**

- ACQ 105 General Public Purchasing ( 2 CR)** Elective Credit
- ACQ 106 Contracting for Services ( 1 CR)** Elective Credit

**ACQ 121 Intro to Acquisition and Procurement Fundamentals I ( 3 CR)** Elective Credit  
**ACQ 122 Intro to Acquisition and Procurement Fundamentals II ( 3 CR)** Elective Credit  
**ACQ 215 Contract Law ( 3 CR)** Elective Credit  
**ACQ 216 Cost and Price Analysis ( 3 CR)** Elective Credit  
**ACQ 218 Negotiations of Contracts and Contract Modification ( 3 CR)** Elective Credit  
**ACQ 220 Intermediate Contract Pricing ( 3 CR)** Elective Credit  
**ACQ 221 Advanced Acquisition and Procurement Management I ( 3 CR)** Elective Credit  
**ACQ 222 Advanced Acquisition and Procurement Management II ( 3 CR)** Elective Credit  
**ACQ 231 Principles of Contract Pricing and Negotiations I ( 3 CR)** Elective Credit  
**ACQ 232 Principles of Contract Pricing and Negotiations II ( 3 CR)** Elective Credit  
**ACQ 235 Contract Administration ( 3 CR)** Elective Credit  
**ACQ 241 Public Procurement Management I ( 2 CR)** Elective Credit  
**ACQ 242 Public Procurement Management II ( 2 CR)** Elective Credit  
**ACQ 247 Public Purchasing and Materials Management ( 2 CR)** Elective Credit  
**ACQ 265 Virginia Procurement Law ( 1 CR)** Elective Credit

#### **Administration of Justice (ADJ )**

**ADJ 100 Survey of Criminal Justice ( 3 CR)** CRJ 2013, Additional Area Social Science  
**ADJ 105 The Juvenile Justice System ( 3 CR)** CRJ 3603, Additional Area Social Science  
**ADJ 106 Crime and Justice in America ( 3 CR)** Elective Credit, Additional Area Social Science  
**ADJ 107 Survey of Criminology ( 3 CR)** CRJ 2203, Additional Area Social Science  
**ADJ 110 Introduction to Law Enforcement ( 3 CR)** CRJ 3233, Additional Area Social Science  
**ADJ 111-112 Law Enforcement Organization & Administration I-II ( 3 CR) ( 3 CR)** Elective Credit  
**ADJ 115 Patrol Procedures ( 3 CR)** Elective Credit  
**ADJ 116 Special Enforcement Topics ( 3 CR)** Elective Credit  
**ADJ 117 Police Communications and Records ( 3 CR)** Elective Credit  
**ADJ 118 Crisis Intervention and Critical Issues ( 3 CR)** Elective Credit  
**ADJ 120 Introduction to Courts ( 3 CR)** Elective Credit, Additional Area Social Science  
**ADJ 127 Firearms and Marksmanship ( 3 CR)** Elective Credit  
**ADJ 128 Patrol Administration and Operations ( 3 CR)** Elective Credit  
**ADJ 130 Introduction to Criminal Law ( 3 CR)** CRJ 3033, Additional Area Social Science  
**ADJ 131 Legal Evidence ( 3 CR)** CRJ 3703  
**ADJ 133 Ethics and the Criminal Justice Professional ( 3 CR)** Elective Credit  
**ADJ 134 Collection and Preservation of Physical Evidence ( 3 CR)** Elective Credit  
**ADJ 137 Firearms Instruction ( 2 CR)** Elective Credit  
**ADJ 138 Defensive Tactics ( 2 CR)** Elective Credit  
**ADJ 139 Private Detectives/Investigators ( 3- 5 CR)** Elective Credit  
**ADJ 140 Introduction to Corrections ( 3 CR)** CRJ 3113, Additional Area Social Science  
**ADJ 145 Corrections and the Community ( 3 CR)** CRJ3013  
**ADJ 146 Adult Correctional Institutions ( 3 CR)** Elective Credit  
**ADJ 147 Local Adult Detention Facilities ( 3 CR)** Elective Credit  
**ADJ 150 Introduction to Security Administration ( 3 CR)** Elective Credit  
**ADJ 152 Unarmed Security Officers - Duties and Responsibilities ( 1 CR)** Elective Credit

**ADJ 153 Armed Security Officers-Duties & Responsibilities ( 1 CR)** Elective Credit  
**ADJ 157 Computer Security ( 3 CR)** Elective Credit  
**ADJ 159 Physical Security ( 3 CR)** Elective Credit  
**ADJ 160 Police Response to Critical Incidents ( 3 CR)** Elective Credit  
**ADJ 161 Introduction to Computer Crime ( 3 CR)** Elective Credit  
**ADJ 162 Introduction to Sex crimes ( 3 CR)** Elective Credit  
**ADJ 163 Crime Analysis and Intelligence ( 3 CR)** Elective Credit  
**ADJ 164 Case Studies in Murder/Violent Crime ( 3 CR)** Elective Credit  
**ADJ 165 Crime Scene Photography ( 1 CR)** Elective Credit  
**ADJ 166 Fish and Game Regulations ( 3 CR)** Elective Credit  
**ADJ 168 Computer Applications in Administration of Justice ( 3- 4 CR)** Elective Credit  
**ADJ 171-172 Forensic Science I-II ( 4 CR) ( 4 CR)** Additional Math or Science Req, Additional Area or Elective Credit  
**ADJ 173-174 Forensic Photography I-II ( 3 CR) ( 3 CR)** Elective Credit  
**ADJ 175 Forensic Instrumental Analysis ( 4 CR)** Elective Credit  
**ADJ 176 Forensic Serology ( 1 CR)** Elective Credit  
**ADJ 186 Forensic Psychology ( 3 CR)** Elective Credit, Additional Area Social Science  
**ADJ 195 Hand Gun Safe (1 CR)** Elective Credit  
**ADJ 201 Criminology ( 3 CR) CRJ 2203,** Additional Area Social Science  
**ADJ 205 Causes of Crime and Delinquency ( 3 CR)** Elective Credit  
**ADJ 211-212 Criminal Law, Evidence and Procedures I-II ( 3 CR) ( 3 CR)** CRJ3053 if one course taken, CRJ3053 and 3033 if both courses taken, Additional Area Social Science  
**ADJ 215 Report Writing ( 3 CR)** Elective Credit  
**ADJ 216 Organized Crime and Corruption ( 3 CR)** Elective Credit, Additional Area Social Science  
**ADJ 225 Courts and the Administration of Justice ( 3 CR)** Elective Credit, Additional Area Social Science  
**ADJ 226 Questioned Documents Examination ( 3 CR)** Elective Credit  
**ADJ 227 Constitutional Law for Justice Personnel ( 3 CR)** Elective Credit  
**ADJ 228 Narcotics and Dangerous Drugs ( 3 CR)** Elective Credit  
**ADJ 229 Law Enforcement and the Community ( 3 CR)** Elective Credit  
**ADJ 231 Community Policing ( 3 CR)** Elective Credit  
**ADJ 232 Domestic Violence ( 3 CR)** Elective Credit, Additional Area Social Science  
**ADJ 234 Terrorism and Counter-Terrorism ( 3 CR)** Elective Credit  
**ADJ 235 Research in Criminal Justice ( 3 CR)** Elective Credit  
**ADJ 236 Principles of Criminal Investigation ( 3 CR)** CRJ 3033  
**ADJ 237 Advanced Criminal Investigation ( 3 CR)** Elective Credit  
**ADJ 241 Correctional Law ( 3 CR)** Elective Credit  
**ADJ 243 Homeland Security & the** Elective Credit  
**ADJ 245 Management of Correctional Facilities ( 3 CR)** Elective Credit  
**ADJ 246 Correctional Counseling ( 3 CR)** Elective Credit  
**ADJ 247 Criminal Behavior ( 3 CR)** Elective Credit, Additional Area Social Science  
**ADJ 248 Probation, Parole, and Treatment ( 3 CR)** Elective Credit, Additional Area Social Science  
**ADJ 255 Security Management ( 3 CR)** Elective Credit

**ADJ 256 Information Security ( 3 CR) Elective Credit**  
**ADJ 257 Loss Prevention ( 3 CR) Elective Credit**  
**ADJ 268 Technology and the Criminal Justice System ( 2- 3 CR) Elective Credit**  
**ADJ 275 Forensic Pathology ( 3 CR) Elective Credit**  
**ADJ 276 Hair and Fiber Morphology ( 2- 3 CR) Elective Credit**  
**ADJ 278 Firearms and Tool-Mark Identification ( 2- 3 CR) Elective Credit**  
**ADJ 280 Capstone Project ( 1 CR) Elective Credit**  
**ADJ 288 Capstone Course in Police Science ( 3 CR) Elective Credit**  
**ADJ 289 Comparative Systems of Criminal Justice ( 2- 3 CR) Elective Credit**

#### **Agriculture (AGR )**

**AGR 100 Forage and Pasture Crop Management ( 3 CR) Elective Credit**  
**AGR 126 Horse Genetics and Reproduction ( 3 CR) Elective Credit**  
**AGR 127 Horse Business Management and Marketing ( 2 CR) Elective Credit**  
**AGR 139 Beef Cattle Production ( 2 CR) Elective Credit**  
**AGR 155 Theory of Horse Behavior and Training ( 2 CR) Elective Credit**  
**AGR 156 Equine Conditioning for Performance ( 2 CR) Elective Credit**  
**AGR 157 Horse Nutrition and Feeding ( 2 CR) Elective Credit**  
**AGR 158 Preventive Health Care for the Horse ( 2 CR) Elective Credit**  
**AGR 205 Soil Fertility and Management ( 3 CR) Elective Credit**  
**AGR 208 Insect Control ( 3- 4 CR) Elective Credit**  
**AGR 219 Advanced Horse Management ( 2 CR) Elective Credit**  
**AGR 226 Agricultural Chemicals ( 3 CR) Elective Credit**  
**AGR 227 Pathology of Plants and Animals ( 3 CR) Elective Credit**

#### **Air Conditioning and Refrigeration (AIR )**

**AIR 110 Principles of Air Conditioning ( 3 CR) Elective Credit**  
**AIR 111-112 Air Conditioning and Refrigeration Controls I-II ( 2- 3 CR)( 2- 3 CR) Elective Credit**  
**AIR 116 Duct Construction and Maintenance ( 2- 3 CR) Elective Credit**  
**AIR 117 Metal Layout I ( 3 CR) Elective Credit**  
**AIR 121-122 Air Conditioning and Refrigeration I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AIR 123-124 Air Conditioning and Refrigeration III-IV ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AIR 126 Electrical and Control Systems ( 2 CR) Elective Credit**  
**AIR 127 Small Mechanical Refrigeration Systems ( 2 CR) Elective Credit**  
**AIR 128-129 Principles of Shipboard Refrigeration I & II ( 3 CR) ( 3 CR) Elective Credit**  
**AIR 133 Air Conditioning Capacity Control Systems ( 3 CR) Elective Credit**  
**AIR 134-135 Circuits and Controls I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AIR 136 Circuits and Controls III ( 3- 4 CR) Elective Credit**  
**AIR 138 Small Hermetic Commercial Systems ( 3 CR) Elective Credit**  
**AIR 139 Centrifugal Air Conditioning Chill Water Systems ( 3 CR) Elective Credit**  
**AIR 154-155 Heating Systems I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AIR 156 Heating Systems III ( 2- 3 CR) Elective Credit**  
**AIR 158 Mechanical Codes ( 1- 2 CR) Elective Credit**

**AIR 159 Heating and Cooling Safety ( 1 CR) Elective Credit**  
**AIR 161-162 Heating, Air and Refrigeration Calculations I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AIR 165-166 Air Conditioning Systems I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AIR 167 Air Conditioning Systems III ( 3- 4 CR) Elective Credit**  
**AIR 171-172 Refrigeration I-II ( 6- 9 CR)( 6- 9 CR) Elective Credit**  
**AIR 176 Air Conditioning ( 6- 7 CR) Elective Credit**  
**AIR 181-182 Planning and Estimating I-II ( 2- 3 CR)( 2- 3 CR) Elective Credit**  
**AIR 200 Hydronics ( 2- 3 CR) Elective Credit**  
**AIR 205 Hydronics and Zoning ( 3- 4 CR) Elective Credit**  
**AIR 206 Psychrometrics ( 3- 4 CR) Elective Credit**  
**AIR 210 Air Conditioning and Refrigeration Analysis ( 3- 4 CR) Elective Credit**  
**AIR 213-214 Air Conditioning and Refrigeration Controls III-IV ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AIR 231 Circuits and Controls IV ( 4- 5 CR) Elective Credit**  
**AIR 232 Circuits and Controls V ( 3 CR) Elective Credit**  
**AIR 233 Circuits and Controls VI ( 3 CR) Elective Credit**  
**AIR 235 Heat Pumps ( 3- 4 CR) Elective Credit**  
**AIR 238 Advanced Troubleshooting and Service ( 3- 4 CR) Elective Credit**  
**AIR 251-252 Air Conditioning Systems I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AIR 253-254 Air Conditioning Systems III-IV ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AIR 255 Air Conditioning Systems V ( 3 CR) Elective Credit**  
**AIR 257 Gas Fired Warm Air Furnaces ( 3- 4 CR) Elective Credit**  
**AIR 271-272 Refrigeration I-II ( 5- 6 CR)( 5- 6 CR) Elective Credit**  
**AIR 273 Refrigeration III ( 3- 4 CR) Elective Credit**  
**AIR 276 Commercial Refrigeration Design ( 3 CR) Elective Credit**  
**AIR 281-282 Energy Management I-II ( 2- 3 CR)( 2- 3 CR) Elective Credit**

#### **Arabic (ARA )**

**\*\*For Foreign Language requirement for a B.A. at Bluefield College, student needs 6 hrs. of second year college-level foreign language or four years of high school foreign language.**

**ARA 101-102 Beginning Arabic I-II ( 4- 5 CR)( 4- 5 CR) Elective Credit**  
**ARA 201-202 Intermediate Arabic I-II ( 3 CR) ( 3 CR) Satisfies Foreign Language Requirement**

#### **Architecture (ARC )**

**ARC 100 Introduction to Architecture ( 3 CR) Elective Credit**  
**ARC 105 Orientation and History of Architecture ( 1 CR) Elective Credit**  
**ARC 111 Introduction to Architectural Drafting I ( 3 CR) Elective Credit**  
**ARC 112 Introduction to Architectural Drafting II ( 3 CR) Elective Credit**  
**ARC 115 Architectural Graphics ( 2 CR) Elective Credit**  
**ARC 121-122 Architectural Drafting I-II ( 3 CR) ( 3 CR) Elective Credit**  
**ARC 130 Introduction to Materials & Methods of Construction ( 3- 4 CR) Elective Credit**  
**ARC 131 Materials and Methods of Construction I ( 3 CR) Elective Credit**  
**ARC 132 Materials and Methods of Construction II ( 3 CR) Elective Credit**  
**ARC 133-134 Construction Methodology & Procedures I & II ( 3 CR) ( 3 CR) Elective Credit**

**ARC 138 Structures for Architects ( 3 CR)** Elective Credit  
**ARC 140 Principles of Construction Safety ( 2 CR)** Elective Credit  
**ARC 200 History of Architecture ( 4 CR)** Elective Credit  
**ARC 201 History of Modern Architecture ( 2 CR)** Elective Credit  
**ARC 210 Introduction to Computer Aided Drafting ( 2 CR)** Elective Credit  
**ARC 211 Computer Aided Drafting Applications ( 2- 3 CR)** Elective Credit  
**ARC 212 Architectural Drafting III ( 3 CR)** Elective Credit  
**ARC 213 Architectural Drafting IV ( 3 CR)** Elective Credit  
**ARC 216 Manual Architectural Rendering and Presentation ( 3 CR)** Elective Credit  
**ARC 218 CADD Architectural Rendering and Presentation ( 3 CR)** Elective Credit  
**ARC 220 Intro. to Landscape Architecture and Site Planning ( 3 CR)** Elective Credit  
**ARC 221 Architectural CAD Applications Software I ( 3 CR)** Elective Credit  
**ARC 222 Architectural CAD Applications Software II ( 3 CR)** Elective Credit  
**ARC 225 Site Planning and Technology ( 3 CR)** Elective Credit  
**ARC 231 Advanced Architectural Design & Drafting I ( 4 CR)** Elective Credit  
**ARC 232 Advanced Architectural Design & Drafting II ( 4 CR)** Elective Credit  
**ARC 233 Advanced Architectural Design & Drafting III ( 3 CR)** Elective Credit  
**ARC 234 Advanced Architectural Design & Drafting IV ( 3 CR)** Elective Credit  
**ARC 241 Building Mechanical Systems ( 3 CR)** Elective Credit  
**ARC 242 Building Electrical Systems ( 3 CR)** Elective Credit  
**ARC 243 Environmental Systems ( 4 CR)** Elective Credit  
**ARC 246 Materials and Methods of Construction ( 4 CR)** Elective Credit  
**ARC 251-252 Architectural Drawing I-II ( 3 CR) ( 3 CR)** Elective Credit  
**ARC 255 Construction Estimating ( 2 CR)** Elective Credit  
**ARC 258 Building Codes, Contract Documents & Prof. Office Pract ( 3 CR)** Elective Credit

#### **Aviation (ARO )**

**ARO 100 Aviation in the United States ( 3- 4 CR)** Elective Credit  
**ARO 121 Private Pilot Ground School ( 3- 4 CR)** Elective Credit  
**ARO 122 Instrument Pilot Ground School ( 3- 4 CR)** Elective Credit  
**ARO 140 Aviation Safety ( 3 CR)** Elective Credit  
**ARO 155 Fundamentals of Air Traffic Control ( 3 CR)** Elective Credit  
**ARO 210 Aviation Law ( 3 CR)** Elective Credit  
**ARO 220 Meteorology ( 3 CR)** Elective Credit  
**ARO 230 Air Navigation ( 3 CR)** Elective Credit  
**ARO 235 Private Pilot-Airplane Flight Training ( 2 CR)** Elective Credit  
**ARO 236 Instrument Pilot-Airplane Flight Training ( 2 CR)** Elective Credit  
**ARO 237 Commercial Pilot-Airplane Flight Training ( 2 CR)** Elective Credit

#### **Arts (ART )**

**ART 100 Art Appreciation ( 3 CR)** ART 1413  
**ART 101-102 History and Appreciation of Art I-II ( 3 CR) ( 3 CR)** ART1413, Additional area Fine Arts

**ART 103-104 History of Far Eastern Art I-II ( 3 CR) ( 3 CR)** Elective Credit, Additional area Fine Arts

**ART 105 Art in World Culture ( 3 CR)** Elective Credit, Additional area fine Arts

**ART 106 History of Modern Art ( 3 CR)** ART 2413

**ART 109 History of Women Artists ( 3 CR)** Elective Credit, Additional area Fine Arts

**ART 110 Advertising Copy Writing ( 2 CR)** Elective Credit

**ART 111-112 Introduction to the Arts I-II ( 3 CR) ( 3 CR)** Elective Credit, Additional area Fine Arts

**ART 114 General Art ( 3 CR)** Elective Credit, Additional area Fine Arts

**ART 116 Design for the Web I ( 3 CR)** ART 3083, Additional area Fine Arts

**ART 117 Design for the Web II ( 3 CR)** Elective Credit, Additional area Fine Arts

**ART 120 Beginning Drawing ( 2 CR)** ART 1013, Elective Credit, Additional area Fine Arts

**ART 121-122 Drawing I-II ( 3- 4 CR)( 3- 4 CR)** Additional Area Fine Arts, Gen Ed

**ART 125 Introduction to Painting ( 3 CR)** ART 2053

**ART 130 Introduction to Multimedia ( 4 CR)** Elective Credit, Additional area Fine Arts

**ART 131-132 Fundamentals of Design I-II ( 3- 4 CR)( 3- 4 CR)** ART 1033

**ART 133 Visual Arts Foundation ( 4 CR)** Elective Credit, Additional area Fine Arts

**ART 134 Three Dimensional Design ( 3 CR)** Elective Credit, Additional area Fine Arts, Gen Ed

**ART 135 Visual Communications ( 4 CR)** Elective Credit, Additional area Fine Arts

**ART 136 Matting and Framing Workshop ( 1 CR)** Elective Credit, Additional area Fine Arts

**ART 138 Figure Drawing ( 3- 4 CR)** ART 2013, Elective Credit, Additional area Fine Arts, Gen Ed

**ART 140 Introduction to Graphic Skills ( 3- 4 CR)** Elective Credit, Additional area Fine Arts

**ART 141-142 Typography I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit, Additional area Fine Arts

**ART 150 History of Film and Animation ( 3 CR)** Elective Credit, Additional area Fine Arts

**ART 151-152 Theory and Practice of Ceramics I-II ( 3 CR) ( 3 CR)** ART 2063

**ART 153-154 Ceramics I-II ( 3- 4 CR)( 3- 4 CR)** ART 3063

**ART 171-172 Airbrush I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit, Additional area Fine Arts

**ART 175 Photography Workshop ( 4 CR)** Elective Credit, Additional area Fine Arts

**ART 180 Introduction to Computer Graphics ( 3 CR)** Elective Credit, Additional area Fine Arts

**ART 200 Introduction to Primitive Art ( 3 CR)** Elective Credit, Additional area Fine Arts

**ART 201-202 History of Art I-II ( 3 CR) ( 3 CR)** Elective Credit, Additional area Fine Arts

**ART 203 Animation I ( 4 CR)** Elective Credit, Additional area Fine Arts

**ART 204 Animation II ( 4 CR)** Elective Credit, Additional area Fine Arts

**ART 207 3D Model Rendering ( 4 CR)** Elective Credit, Additional area Fine Arts

**ART 208 Video Techniques ( 4 CR)** Elective Credit, Additional area Fine Arts

**ART 211-212 History of American Art I-II ( 3 CR) ( 3 CR)** Elective Credit, Additional area Fine Arts

**ART 216 Masters of the Renaissance ( 3 CR)** Elective Credit, Additional area Fine Arts

**ART 217-218 Electronic Graphic Design I-II ( 4 CR) ( 4 CR)** Elective Credit, Additional area Fine Arts

**ART 221-222 Drawing III-IV ( 3- 4 CR)( 3- 4 CR)** ART 3013, Elective Credit, Additional area Fine Arts

**ART 223 Etching ( 4 CR)** Elective Credit, Additional area Fine Arts

**ART 228-229 Multimedia Graphic Design I and II ( 4 CR) ( 4 CR)** Elective Credit, Additional area Fine Arts

**ART 230 Multimedia II ( 4 CR)** Elective Credit, Additional area Fine Arts  
**ART 231-232 Sculpture I-II ( 3- 4 CR)( 3- 4 CR)** ART 2073  
**ART 235 Functional Ceramics ( 3- 4 CR)** ART 2063  
**ART 236 Sculptural Ceramics ( 3- 4 CR)** Elective Credit, Additional area Fine Arts  
**ART 237 Ceramic Decoration ( 3- 4 CR)** Elective Credit, Additional area Fine Arts  
**ART 238 Figure Drawing II ( 3- 4 CR)** ART 2013, Elective Credit, Additional area, Gen Ed  
**ART 241-242 Painting I-II ( 3- 4 CR)( 3- 4 CR)** ART 2053, ART 3053  
**ART 243-244 Watercolor I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit, Additional area  
**ART 245 Portrait Painting ( 3 CR)** Elective Credit, Additional area  
**ART 246 Figure Painting ( 3 CR)** Elective Credit, Additional area  
**ART 247 Painting Technique for Illustrators ( 3- 4 CR)** Elective Credit, Additional area  
**ART 250 History of Design ( 3 CR)** Elective Credit, Additional area  
**ART 251-252 Communication Design I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit, Additional area  
**ART 253-254 Design III-IV ( 3- 4 CR)( 3- 4 CR)** Elective Credit, Additional area  
**ART 258 Lithography ( 4 CR)** Elective Credit, Additional area  
**ART 259 Landscape Painting ( 3 CR)** Elective Credit, Additional area  
**ART 261-262 Illustration I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit, Additional area  
**ART 263-264 Interactive Design I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit, Additional area  
**ART 265 Graphic Techniques ( 4 CR)** Elective Credit, Additional area  
**ART 271-272 Printmaking I-II ( 3 CR) ( 3 CR)** ART 2043, Elective Credit, Additional area, Gen Ed  
**ART 275 Relief Printmaking ( 4 CR)** Elective Credit, Additional area  
**ART 277 Advanced Printmaking ( 4 CR)** ART 3043, Elective Credit, Additional area  
**ART 278-279 3D Computer Design I-II ( 4 CR) ( 4 CR)** Elective Credit, Additional area  
**ART 282 Graphic Techniques ( 3 CR)** Elective Credit, Additional area  
**ART 283-284 Computer Graphics I-II ( 3- 4 CR)( 3- 4 CR)** ART 3083, Elective Credit, Additional area  
**ART 286 Communication Arts Workshop ( 3 CR)** Elective Credit, Additional area  
**ART 287 Portfolio and Resume Preparation ( 1- 4 CR)** ART 4183, Elective Credit, Additional area  
**ART 288 Thesis: Illustration ( 3- 4 CR)** Elective Credit, Additional area  
**ART 291-292 Computerized Graphic Design I-II ( 4 CR) ( 4 CR)** Elective Credit, Additional area

#### **American Sign Language (ASL )**

##### **(Replaced Sign Communication)**

**ASL 101-102 American Sign Language I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit  
**ASL 103-104 Applications in ASL I-II ( 1 CR) ( 1 CR)** Elective Credit  
**ASL 115 Fingerspelling and Number Use in ASL ( 2 CR)** Elective Credit  
**ASL 125 History & Culture of the Deaf Community I ( 3 CR)** Elective Credit  
**ASL 150 Working with Deaf and Hard-of-Hearing People ( 2 CR)** Elective Credit  
**ASL 201-202 American Sign Language III-IV ( 3- 4 CR)( 3- 4 CR)** Elective Credit  
**ASL 203-204 Applications in ASL III-IV ( 1 CR) ( 1 CR)** Elective Credit  
**ASL 220 Comparative Linguistics: ASL & English ( 3 CR)** Elective Credit  
**ASL 250 Language Development of Deaf Children ( 3 CR)** Elective Credit  
**ASL 261-262 American Sign Language V-VI ( 3 CR) ( 3 CR)** Elective Credit

**ASL 263-264 Applications in ASL V-VI ( 1 CR) ( 1 CR) Elective Credit**

**Administrative Support Technology (AST )**

**AST 10 Office and Secretarial Review ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**AST 19 Seminar in Word Processing ( 1 CR)** Does not transfer; may be submitted for possible PST credit

**AST 25 Office Machines ( 3 CR)**

**AST 26 Clerical Procedures ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**AST 35 Filing and Indexing ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**AST 40 Personal and Professional Development ( 2 CR)** Does not transfer; may be submitted for possible PST credit

**AST 50 Business Mathematics ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**AST 61 Business Correspondence I ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**AST 62 Business Correspondence II ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**AST 80 Basic Keyboarding I ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**AST 81 Basic Keyboarding II ( 2- 4 CR)** Does not transfer; may be submitted for possible PST credit

**AST 82 Basic Keyboarding III ( 2- 4 CR)** Does not transfer; may be submitted for possible PST credit

**AST 83 Basic Keyboarding II Laboratory ( 1 CR)** Does not transfer; may be submitted for possible PST credit

**AST 84 Basic Keyboarding III Laboratory ( 1 CR)** Does not transfer; may be submitted for possible PST credit

**AST 85 Office Procedures I ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**AST 86 Office Procedures II ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**AST 87 Records Systems ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**AST 88 Microcomputer Concepts and Applications ( 2- 4 CR)** Does not transfer; may be submitted for possible PST credit

**AST 89 Microcomputer Concepts and Applications Laboratory ( 1 CR)** Does not transfer; may be submitted for possible PST credit

**AST 100 Office Skills Review ( 3- 4 CR)** Elective Credit

**AST 101 Keyboarding I ( 2- 4 CR)** Elective Credit

**AST 102 Keyboarding II ( 2- 4 CR)** Elective Credit

**AST 103 Keyboarding I Laboratory ( 1 CR)** Elective Credit

**AST 104 Keyboarding II Laboratory ( 1 CR)** Elective Credit

**AST 107 Editing/Proofreading Skills ( 3 CR)** Elective Credit

**AST 108 Telephone Techniques ( 1 CR)** Elective Credit

**AST 112 Keyboarding Skill ( 3 CR)** Elective Credit

**AST 113 Keyboarding for Speed and Accuracy ( 1 CR)** Elective Credit  
**AST 114 Keyboarding for Information Processing ( 1- 2 CR)** Elective Credit  
**AST 115 Keyboarding for Information Processing Laboratory ( 1 CR)** Elective Credit  
**AST 117 Keyboarding for Computer Usage ( 1 CR)** Elective Credit  
**AST 119 Shorthand I ( 2- 4 CR)** Elective Credit  
**AST 120 Shorthand II ( 2- 4 CR)** Elective Credit  
**AST 123 Speedwriting I ( 2- 4 CR)** Elective Credit  
**AST 124 Speedwriting II ( 2- 4 CR)** Elective Credit  
**AST 130 Office Procedures ( 3 CR)** Elective Credit  
**AST 132 Word Processing I (Specify Software) ( 1 CR)** Elective Credit  
**AST 133 Word Processing II (Specify Software) ( 1 CR)** Elective Credit  
**AST 134 Word Processing III (Specify Software) ( 1 CR)** Elective Credit  
**AST 135 Simulation in Office Procedures ( 2- 3 CR)** Elective Credit  
**AST 136 Office Record Keeping ( 3 CR)** Elective Credit  
**AST 137 Records Management ( 3 CR)** Elective Credit  
**AST 140 Introduction to Windows ( 1- 2 CR)** Elective Credit  
**AST 141 Word Processing (Specify Software) ( 2- 4 CR)** Elective Credit  
**AST 142 Word Processing II (Specify Software) ( 2- 4 CR)** Elective Credit  
**AST 144 Word Processing I Laboratory (Specify Software) ( 1 CR)** Elective Credit  
**AST 147 Introduction to Presentation Software (Specify Software) ( 1- 2 CR)** Elective Credit  
**AST 150 Desktop Publishing I (Specify Software) ( 1 CR)** Elective Credit  
**AST 151 Desktop Publishing II (Specify Software) ( 1 CR)** Elective Credit  
**AST 152 Desktop Publishing III (Specify Software) ( 1 CR)** Elective Credit  
**AST 153 Introduction to Database Software (Specify Software) ( 1 CR)** Elective Credit  
**AST 154 Intro. to Voice Recognition Software (Specify Software) ( 1 CR)** Elective Credit  
**AST 155 Intro. to Desktop Infor. Management (Specify Software) ( 1 CR)** Elective Credit  
**AST 160 Learning the Internet for Business ( 1 CR)** Elective Credit  
**AST 171 Introduction to Call Center Services ( 3 CR)** Elective Credit  
**AST 176 Medical Office/Unit Management ( 3 CR)** Elective Credit  
**AST 201 Keyboarding III ( 2- 4 CR)** Elective Credit  
**AST 202 Keyboarding III Laboratory ( 1 CR)** Elective Credit  
**AST 205 Business Communications ( 3 CR)** Elective Credit  
**AST 206 Professional Development ( 3 CR)** Elective Credit  
**AST 213 Legal Keyboarding ( 2- 4 CR)** Elective Credit  
**AST 215 Medical Keyboarding ( 2- 4 CR)** Elective Credit  
**AST 230 Introduction to Office Technology ( 3 CR)** Elective Credit  
**AST 232 Microcomputer Office Applications ( 2- 4 CR)** BUS 2323  
**AST 233 Microcomputer Office Applications Laboratory ( 1 CR)** Elective Credit  
**AST 234 Records and Database Management ( 2- 4 CR)** Elective Credit  
**AST 236 Specialized Software Applications (Specify Software) ( 2- 4 CR)** Elective Credit  
**AST 237 Specialized Software Applications Lab-Specify Software ( 1 CR)** Elective Credit  
**AST 238 Word Processing Advanced Operations ( 2- 4 CR)** Elective Credit  
**AST 239 Word Processing Advanced Operations Laboratory ( 1 CR)** Elective Credit

**AST 240 Machine Transcription ( 2- 4 CR) Elective Credit**  
**AST 241 Machine Transcription Laboratory ( 1 CR) Elective Credit**  
**AST 243 Office Administration I ( 3 CR) Elective Credit**  
**AST 244 Office Administration II ( 3 CR) Elective Credit**  
**AST 245 Medical Machine Transcription ( 2- 4 CR) Elective Credit**  
**AST 246 Medical Machine Transcription Laboratory ( 1 CR) Elective Credit**  
**AST 247 Legal Machine Transcription ( 2- 4 CR) Elective Credit**  
**AST 248 Legal Machine Transcription Laboratory ( 1 CR) Elective Credit**  
**AST 253 Advanced Desktop Publishing I (Specify Software) ( 2- 4 CR) Elective Credit**  
**AST 254 Advanced Desktop Publishing II (Specify Software) ( 2- 4 CR) Elective Credit**  
**AST 255 Desktop Publishing I Laboratory - Specify Software ( 1 CR) Elective Credit**  
**AST 257 WP Desktop Publishing (Specify Software) ( 2- 4 CR) Elective Credit**  
**AST 260 Presentation Software (Specify Software) ( 2- 4 CR) Elective Credit**  
**AST 265 Legal Office Procedures I ( 3 CR) Elective Credit**  
**AST 266 Legal Office Procedures II ( 3 CR) Elective Credit**  
**AST 271 Medical Office Procedures I ( 3 CR) Elective Credit**  
**AST 272 Medical Office Procedures II ( 3 CR) Elective Credit**

#### **Auto Body (AUB )**

**AUB 106 Basic Sheet Metal Operations ( 4 CR) Elective Credit**  
**AUB 111-112 Automobile Body Theory and Shop Practices I-II ( 8 CR) ( 8 CR) Elective Credit**  
**AUB 113 Automobile Body Theory and Shop Practices III ( 6 CR) Elective Credit**  
**AUB 115 Damage Repair Estimating ( 2 CR) Elective Credit**  
**AUB 116 Auto Body Repair ( 4 CR) Elective Credit**  
**AUB 118 Automotive Paint Preparation ( 4 CR) Elective Credit**  
**AUB 119 Automotive Painting ( 4 CR) Elective Credit**  
**AUB 125 Auto Body Welding ( 4 CR) Elective Credit**  
**AUB 206 Automotive Body Component Service ( 2 CR) Elective Credit**

#### **Automotive (AUT )**

**AUT 100 Introduction to Automotive Shop Practices ( 2- 3 CR) Elective Credit**  
**AUT 101 Introduction to Automotive Systems ( 3- 4 CR) Elective Credit**  
**AUT 109 Applied Mathematics for Automotive Technicians ( 3 CR) Elective Credit**  
**AUT 111-112 Automotive Engines I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AUT 113 Cylinder Block Service I ( 3 CR) Elective Credit**  
**AUT 114 Cylinder Head Service II ( 3 CR) Elective Credit**  
**AUT 115 Automobile Engines ( 5- 6 CR) Elective Credit**  
**AUT 120 Introduction to Automotive Machine Shop ( 3 CR) Elective Credit**  
**AUT 121-122 Automotive Fuel Systems I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AUT 125 Anti-Pollution Systems ( 3 CR) Elective Credit**  
**AUT 126 Auto Fuel and Ignition Systems ( 5 CR) Elective Credit**  
**AUT 127 Automotive Lubrication and Cooling Systems ( 2- 3 CR) Elective Credit**  
**AUT 128 Auto Glass Installation ( 3 CR) Elective Credit**

**AUT 130 Introduction to Auto Mechanics ( 2- 3 CR) Elective Credit**  
**AUT 136 Automotive Vehicle Inspection ( 2 CR) Elective Credit**  
**AUT 141-142 Auto Power Trains I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AUT 150 Introduction to Automotive Diesel Engine ( 3 CR) Elective Credit**  
**AUT 156 Small Gasoline Engines ( 2- 3 CR) Elective Credit**  
**AUT 161-162 Automotive Diagnosis I-II ( 3 CR) ( 3 CR) Elective Credit**  
**AUT 165 Auto Diagnosis and Tune-Up ( 2 CR) Elective Credit**  
**AUT 166-167 Automotive Diagnostics I & II ( 5 CR) ( 5 CR) Elective Credit**  
**AUT 168-169 Automotive Diagnostics III & IV ( 5 CR) ( 5 CR) Elective Credit**  
**AUT 178 Automotive Final Drive and Manual Transmission Systems ( 4 CR) Elective Credit**  
**AUT 211-212 Automotive Systems III-IV ( 4 CR) ( 4 CR) Elective Credit**  
**AUT 215 Emissions Systems Diagnosis and Repair ( 2 CR) Elective Credit**  
**AUT 216 High Efficiency Fuel Systems ( 5 CR) Elective Credit**  
**AUT 217 Computerized Fuel Systems ( 3 CR) Elective Credit**  
**AUT 220-221 Automotive Diagnostics V & VI ( 5 CR) ( 5 CR) Elective Credit**  
**AUT 225 Automotive Emissions Inspection ( 1- 2 CR) Elective Credit**  
**AUT 226 Advanced ASM Emissions Diagnostics ( 2 CR) Elective Credit**  
**AUT 235 Automotive Heating and Air Conditioning ( 2- 3 CR) Elective Credit**  
**AUT 236 Automotive Climate Control ( 4 CR) Elective Credit**  
**AUT 237 Automotive Accessories ( 2- 3 CR) Elective Credit**  
**AUT 241-242 Automotive Electricity I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**AUT 245 Automotive Electronics ( 3- 4 CR) Elective Credit**  
**AUT 247-248 Automotive Diagnostics VII & VIII ( 5 CR) ( 5 CR) Elective Credit**  
**AUT 251 Automatic Transmissions ( 3- 4 CR) Elective Credit**  
**AUT 255 Automotive Transaxles ( 2- 3 CR) Elective Credit**  
**AUT 265 Automotive Braking Systems ( 3- 4 CR) Elective Credit**  
**AUT 266 Auto Alignment, Suspension and Steering ( 3- 4 CR) Elective Credit**  
**AUT 267 Automotive Suspension and Braking Systems ( 3- 4 CR) Elective Credit**  
**AUT 268 Automotive Alignment ( 2 CR) Elective Credit**  
**AUT 273-274 Automotive Driveability and Tune-Up I-II ( 3 CR) ( 3 CR) Elective Credit**  
**AUT 275 Shop Management ( 2- 3 CR) Elective Credit**  
**AUT 282 Advanced Automotive Systems ( 4 CR) Elective Credit**

#### **Broadcasting (BCS )**

**BCS 101-102 Introduction to Radio/TV Production I-II ( 4 CR) ( 4 CR) Elective Credit**  
**BCS 110 Fundamentals in Video Production ( 4 CR) Elective Credit**  
**BCS 115 Audio Production for Electronic Media ( 4 CR) Elective Credit**  
**BCS 116 Electronic Media Writing ( 3 CR) Elective Credit**  
**BCS 117 Electronic Journalism ( 3 CR) Elective Credit**  
**BCS 125 Production Design for Video ( 3 CR) Elective Credit**  
**BCS 130 Media Performance ( 3 CR) Elective Credit**  
**BCS 140 Introduction to Mass Media ( 3 CR) Elective Credit**  
**BCS 228 Electronic Field Reporting and Production ( 4 CR) Elective Credit**

**BCS 230 Advanced Video Production ( 4 CR)** Elective Credit  
**BCS 235 Electronic Media Management ( 3 CR)** Elective Credit  
**BCS 247 Electronic Media Advertising ( 3 CR)** Elective Credit

### **Biology (BIO )**

**BIO 01 Foundations of Biology ( 1- 4 CR)** Does not transfer  
**BIO 20 Introduction to Human Systems ( 3 CR)** Does not transfer; may be submitted for possible PST credit  
**BIO 100 Basic Human Biology ( 3 CR)** Additional Area Science  
**BIO 101 General Biology I ( 4 CR)** BIO 1034, Gen Ed Science, Additional Area Science  
**BIO 102 General Biology II ( 4 CR)** BIO 1034, Gen Ed Science, Additional Area Science  
**BIO 106 Life Science ( 4 CR)** Gen Ed Science, Additional Area Science  
**BIO 107 Biology of the Environment ( 4 CR)** Elective Credit  
**BIO 110 General Botany ( 4 CR)** Gen Ed Science, Additional Area Science  
**BIO 120 General Zoology ( 4 CR)** Gen Ed Science, Additional Area Science  
**BIO 140 Human Anatomy and Physiology ( 6 CR)** BIO1114, Gen Ed Science, Additional Area Science  
**BIO 141-142 Human Anatomy and Physiology I-II ( 4 CR) ( 4 CR)** BIO2014, BIO2024, Gen Ed Science, Additional Area Science  
**BIO 144 Current Issues and Experiments in Human Anatomy & Physiology ( 2 CR)** Elective Credit  
**BIO 145 Human Anatomy and Physiology for the Health Sciences ( 5 CR)** Gen Ed Science, Additional Area Science  
**BIO 146 Human Heredity ( 3 CR)** Additional Area Science  
**BIO 147 Science of Heredity Laboratory ( 1 CR)** Additional Area Science  
**BIO 149 Microbiology for Allied Health ( 1 CR)** Additional Area Science  
**BIO 150 Introductory Microbiology ( 4 CR)** Gen Ed Science, Additional Area Science  
**BIO 161-162 Field Biology of Animals I-II ( 4 CR) ( 4 CR)** Gen Ed Science, Additional Area Science  
**BIO 170 Biotechnology Methods ( 1 CR)** Additional Area Science  
**BIO 173 Biology for Biotechnology ( 4 CR)** Gen Ed Science, Additional Area Science  
**BIO 180 Introduction to Careers in Biotechnology ( 1- 2 CR)** Elective Credit  
**BIO 205 General Microbiology ( 4 CR)** Gen Ed Science, Additional Area Science  
**BIO 206 Cell Biology ( 4 CR)** Gen Ed Science, Additional Area Science  
**BIO 215 Plant Life of Virginia ( 3 CR)** Additional Area Science  
**BIO 226 Vertebrate Zoology ( 4 CR)** Gen Ed Science, Additional Area Science  
**BIO 231-232 Human Anatomy and Physiology I-II ( 4 CR) ( 4 CR)** BIO 2014, BIO2024, Gen Ed Science, Additional Area Science  
**BIO 247 Human Physiology ( 3 CR)** BIO 2014, BIO2024, Gen Ed Science, Additional Area Science  
**BIO 250 Biotechnology Research Methods and Skills ( 1 CR)** Elective Credit  
**BIO 251 Biotechnology I: Protein Research ( 4 CR)** Additional Area Science  
**BIO 252 Biotechnology II: DNA Research ( 4 CR)** Additional Area Science  
**BIO 256 General Genetics ( 4 CR)** Gen Ed Science, Additional Area Science  
**BIO 270 General Ecology ( 2- 6 CR)** Gen Ed Science, Additional Area Science

**BIO 271 Introduction to Ecological Systems (4 CR)** Gen Ed Science, Additional Area Science  
**BIO 275 Marine Ecology ( 4 CR)** Gen Ed Science, Additional Area Science  
**BIO 276 Freshwater Ecology ( 4 CR)** Gen Ed Science, Additional Area Science  
**BIO 277 Regional Flora ( 3 CR)** Additional Area Science  
**BIO 278 Coastal Ecology ( 3 CR)** Additional Area Science  
**BIO 285 Biological Problems in Contemporary Society ( 3 CR)** Elective Credit

**Building (BLD )**

**BLD 20 Introduction to Plumbing ( 2 CR)** Does not transfer; may be submitted for possible PST credit  
**BLD 25 Analysis and Troubleshooting in Plumbing ( 3 CR)** Does not transfer; may be submitted for possible PST credit  
**BLD 38 Estimating and Layout in Carpentry ( 3 CR)** Does not transfer; may be submitted for possible PST credit  
**BLD 39 Building Code for Carpenters ( 3 CR)** Does not transfer; may be submitted for possible PST credit  
**BLD 101 Construction Management I ( 3 CR)** Elective Credit  
**BLD 102 Construction Management II ( 3 CR)** Elective Credit  
**BLD 103 Principles of Residential Building Construction Inspect ( 3 CR)** Elective Credit  
**BLD 105 Shop Practices and Procedures ( 2- 3 CR)** Elective Credit  
**BLD 106 Stone Carving I ( 4 CR)** Elective Credit  
**BLD 107 Stone Carving II ( 4 CR)** Elective Credit  
**BLD 110 Introduction to Construction ( 3 CR)** Elective Credit  
**BLD 111 Blueprint Reading and the Building Code ( 3 CR)** Elective Credit  
**BLD 125 Introduction to Carpentry Trades ( 3 CR)** Elective Credit  
**BLD 126 Basic Carpentry Principles ( 3 CR)** Elective Credit  
**BLD 131-132 Carpentry Framing I-II ( 5 CR) ( 5 CR)** Elective Credit  
**BLD 133-134 Carpentry Framing III-IV ( 5 CR) ( 5 CR)** Elective Credit  
**BLD 135 Building Construction Carpentry ( 2- 3 CR)** Elective Credit  
**BLD 138 Mathematics and Estimating for Carpenters ( 4 CR)** Elective Credit  
**BLD 140 Principles of Plumbing Trade I ( 3 CR)** Elective Credit  
**BLD 141 Principles of Plumbing Trade II ( 3 CR)** Elective Credit  
**BLD 142 Principles of Plumbing Trade III ( 3 CR)** Elective Credit  
**BLD 143 Plumbing Blueprint Reading ( 3 CR)** Elective Credit  
**BLD 144 Plumbing Code and Certification Preparation ( 3 CR)** Elective Credit  
**BLD 146 Form Work and Concrete Theory ( 3 CR)** Elective Credit  
**BLD 147 Principles of Block and Bricklaying ( 3 CR)** Elective Credit  
**BLD 149 Carpentry I ( 3 CR)** Elective Credit  
**BLD 155 Housing and the Home Building Industry ( 3 CR)** Elective Credit  
**BLD 158 Principles of Mechanical and Plumbing Practices ( 2 CR)** Elective Credit  
**BLD 159 Mechanical Code and Certification Preparation ( 3 CR)** Elective Credit  
**BLD 160 Special Floor Systems ( 3 CR)** Elective Credit  
**BLD 161 Wall Systems, Tilt Up ( 3 CR)** Elective Credit

**BLD 162 Roof Systems ( 3 CR)** Elective Credit  
**BLD 163 Reading Plans and Elevations ( 3 CR)** Elective Credit  
**BLD 165 Construction Field Operations ( 2 CR)** Elective Credit  
**BLD 166 Construction Law ( 2 CR)** Elective Credit  
**BLD 168 Contract Documents ( 2 CR)** Elective Credit  
**BLD 180 Virginia Contractor License Review ( 2 CR)** Elective Credit  
**BLD 181 Introduction to Concrete Construction ( 3 CR)** Elective Credit  
**BLD 182 Blueprints and Field Engineering Principles ( 3 CR)** Elective Credit  
**BLD 183 Reinforcing Concrete and Patented Forms ( 3 CR)** Elective Credit  
**BLD 184 Interior and Exterior Finishes ( 3 CR)** Elective Credit  
**BLD 185 Roof Applications ( 3 CR)** Elective Credit  
**BLD 186 Building Closure ( 3 CR)** Elective Credit  
**BLD 187 Structure Completion ( 3 CR)** Elective Credit  
**BLD 188 Introduction to Construction Supervision ( 3 CR)** Elective Credit  
**BLD 206 Stone Carving III ( 4 CR)** Elective Credit  
**BLD 207 Stone Carving IV ( 4 CR)** Elective Credit  
**BLD 210 Building Structures ( 3 CR)** Elective Credit  
**BLD 231 Construction Estimating I ( 3 CR)** Elective Credit  
**BLD 232 Construction Estimating II ( 3 CR)** Elective Credit  
**BLD 240 The House as a System ( 3 CR)** Elective Credit  
**BLD 241 Construction Management III ( 3 CR)** Elective Credit  
**BLD 242 Construction Management IV ( 3 CR)** Elective Credit  
**BLD 247 Construction Planning and Scheduling ( 3 CR)** Elective Credit  
**BLD 249 Carpentry II ( 3 CR)** Elective Credit  
**BLD 250 Safety in Light Construction ( 3 CR)** Elective Credit

**Business Management and Administration (BUS )**

**BUS 100 Introduction to Business ( 3 CR)** BUS 1063  
**BUS 110 Business Protocol ( 3 CR)** Elective Credit  
**BUS 111 Principles of Supervision I ( 3- 4 CR)** BUS 3013  
**BUS 112 Principles of Supervision II ( 3- 4 CR)** BUS 3013  
**BUS 116 Entrepreneurship ( 3 CR)** Elective Credit  
**BUS 117 Leadership Development ( 3 CR)** Elective Credit  
**BUS 118 Concepts of Supervision ( 3- 4 CR)** Elective Credit  
**BUS 121 Business Mathematics I ( 3 CR)** MAT1233 Elective Credit (can transfer 121 or 122 but not both, equivalent to Math 1233)  
**BUS 122 Business Mathematics II ( 3 CR)** MAT 1233 (can transfer 121 or 122 but not both, equivalent to Math 1233)  
**BUS 125 Applied Business Mathematics ( 3 CR)** MAT 1233  
**BUS 135 Administrative Office Management ( 3 CR)** Elective Credit  
**BUS 146 Introduction to Labor Relations ( 3 CR)** Elective Credit  
**BUS 147 Introduction to Business Information Systems ( 3 CR)** BUS 2323  
**BUS 156 Introduction to Operating Management ( 3 CR)** Elective Credit

**BUS 160 Legal Aspects of Small Business Operations ( 1 CR)** Elective Credit  
**BUS 165 Small Business Management ( 3 CR)** Elective Credit  
**BUS 166 Farm Business Management ( 3 CR)** Elective Credit  
**BUS 175 Aviation Supply System Specialist ( 8 CR)** Elective Credit  
**BUS 179 Ships Non-Tact. Auto. Proc. 3-M Systems Coord./Inspection ( 4 CR)** Elective Credit  
**BUS 180-181 Navy Tactical Command Support System Manager I and II (10 CR) (10 CR)** Elective Credit  
**BUS 182 Ships Non-Tactical Auto. Processing Leading Storekeeper ( 6 CR)** Elective Credit  
**BUS 183 Ships Store Afloat Resale Oper. Mgmt. Systems Supervision ( 8 CR)** Elective Credit  
**BUS 184 Shipboard Uniform Automated Data Processing-Real Time (10 CR)** Elective Credit  
**BUS 185 Disbursing Clerk Travel Payment ( 3 CR)** Elective Credit  
**BUS 186 Disbursing Clerk Afloat Automated Pay Systems Specialist ( 7 CR)** Elective Credit  
**BUS 187 Disbursing Clerk Fiscal Procedures ( 3 CR)** Elective Credit  
**BUS 200 Principles of Management ( 3 CR)** BUS 3013  
**BUS 201 Organizational Behavior ( 3 CR)** BUS 3713  
**BUS 202 Applied Management Principles ( 3 CR)** Elective Credit  
**BUS 205 Human Resource Management ( 3 CR)** Elective Credit  
**BUS 206 Public Relations in Management ( 3 CR)** Elective Credit  
**BUS 208 Quality and Productivity Management ( 3 CR)** Elective Credit  
**BUS 209 Continuous Quality Improvement ( 3 CR)** Elective Credit  
**BUS 210 Total Quality Statistical Tools ( 3 CR)** Elective Credit  
**BUS 215 Purchasing and Materials Management ( 3 CR)** Elective Credit  
**BUS 216 Probability and Statistics for Business and Economics ( 3 CR)** Elective Credit  
**BUS 220 Introduction to Business Statistics ( 3 CR)** Elective Credit  
**BUS 221 Business Statistics I ( 3 CR)** MAT 2023  
**BUS 222 Business Statistics II ( 3 CR)** MAT 2023  
**BUS 225 Applied Business Statistics ( 3 CR)** MAT 2023  
**BUS 226 Computer Business Applications ( 3 CR)** BUS 2323  
**BUS 227 Quantitative Methods ( 3 CR)** Elective Credit  
**BUS 230 International Business Practice Firm ( 3- 4 CR)** Elective Credit  
**BUS 235 Business Letter Writing ( 3 CR)** BUS 3223 BUS3223  
**BUS 236 Communication in Management ( 3 CR)** Elective Credit  
**BUS 240 Introduction to Business Law ( 3 CR)** Elective Credit  
**BUS 241 Business Law I ( 3 CR)** BUS 3113  
**BUS 242 Business Law II ( 3 CR)** BUS 3123  
**BUS 250 Introduction to Wholesale Distribution ( 3 CR)** Elective Credit  
**BUS 255 Inventory and Warehouse Management ( 3 CR)** Elective Credit  
**BUS 260 Planning for Small Business ( 2 CR)** Elective Credit  
**BUS 265 Ethical Issues in Management ( 3 CR)** Elective Credit  
**BUS 266 Production and Operations Management ( 3 CR)** Elective Credit  
**BUS 280 Introduction to International Business ( 3 CR)** Elective Credit  
**BUS 285 Current Issues in Management ( 3 CR)** Elective Credit

## **Childhood Development (CHD )**

**CHD 80 Beginning Skills in Early Childhood Education ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**CHD 82 Early Childhood Development Overview ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**CHD 84 Activities, Routines, and Settings ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**CHD 85 Creative Activities for Children ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**CHD 86 Promoting Positive Behavior ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**CHD 87 Awareness of Child Development: Problems/Policies ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**CHD 89 Child Health and Safety Essentials ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**CHD 109 Music and Movement for Children ( 3 CR)** Elective Credit

**CHD 117 Introduction to Reading Methods ( 3 CR)** Elective Credit

**CHD 118 Language Arts for Young Children ( 3 CR)** Elective Credit

**CHD 120 Introduction to Early Childhood Education ( 3 CR)** Elective Credit

**CHD 121-122 Childhood Educational Development I-II ( 3 CR) ( 3 CR)** Elective Credit

**CHD 125 Creative Activities for Children ( 3 CR)** Elective Credit

**CHD 126 Science & Math Concepts for Children ( 3 CR)** Elective Credit

**CHD 145 Teaching Art, Music, and Movement to Children ( 3 CR)** Elective Credit

**CHD 146 Math, Science, and Social Studies for Children ( 3 CR)** Elective Credit

**CHD 165 Obser. and Parti. in Early Ch/Primary Settings ( 3 CR)** Elective Credit

**CHD 166 Infant and Toddler Programs ( 3 CR)** Elective Credit

**CHD 167 CDA Theories and Applications:Portfolio ( 2- 3 CR)** Elective Credit

**CHD 205 Guiding the Behavior of Children ( 3 CR)** Elective Credit

**CHD 210 Introduction to Exceptional Children ( 3 CR)** Elective Credit

**CHD 215 Models of Early Childhood Education Programs ( 3 CR)** Elective Credit

**CHD 216 Early Childhood Programs, School, and Social Change ( 3 CR)** Elective Credit

**CHD 217 Development and Care of Children ( 3 CR)** Elective Credit

**CHD 220 Introduction to School-Age Child Care ( 3 CR)** Elective Credit

**CHD 225 Curriculum Development for School-Age Child Care ( 3 CR)** Elective Credit

**CHD 230 Behavior Management for School-Age Child Care ( 3 CR)** Elective Credit

**CHD 235 Health and Recreation for School-Age Child Care ( 3 CR)** Elective Credit

**CHD 240 Play and Early Childhood Curriculum Development ( 3 CR)** Elective Credit

**CHD 265 Adv. Obser. and Part, in Early Ch/Primary Settings ( 3 CR)** Elective Credit

**CHD 270 Administration of Childcare Programs ( 3 CR)** Elective Credit

## **Chinese (CHI )**

**For Foreign Language requirement for a B.A. at Bluefield College, student needs 6 hrs. of second year college-level foreign language or four years of high school foreign language.**

**CHI 101-102 Beginning Chinese I-II ( 5 CR) ( 5 CR) Elective Credit**  
**CHI 103-104 Beginning Spoken Chinese I-II ( 3 CR) ( 3 CR) Elective Credit**  
**CHI 111-112 Beginning Chinese Reading and Writing I-II ( 3 CR) ( 3 CR) Elective Credit**  
**CHI 121-122 Beginning Chinese Reading and Writing I-II ( 3 CR) ( 3 CR) Elective Credit**  
**CHI 201-202 Intermediate Chinese Reading & Writing I-II ( 3 CR) ( 3 CR) Satisfies BC Lang. Req.**

### **Chemistry (CHM )**

**CHM 01 Chemistry ( 1- 5 CR) Does not transfer**  
**CHM 03 Preparation for College Chemistry Quantification ( 1- 5 CR) Does not transfer**  
**CHM 05 Developmental Chemistry for Health Sciences ( 1- 5 CR) Does not transfer**  
**CHM 100 Introduction to Chemistry ( 3 CR) Additional Area Science**  
**CHM 101-102 General Chemistry I-II ( 4 CR) ( 4 CR) Gen Ed Science, Additional Area Science**  
**CHM 110 Survey of Chemistry ( 3 CR) Additional Area Science**  
**CHM 111-112 College Chemistry I-II ( 4 CR) ( 4 CR) CHM 1014, CHM 1024, Gen Ed Science**  
**CHM 121-122 Health Science Chemistry I-II ( 4 CR) ( 4 CR) Gen Ed Science, Additional Area Science**  
**CHM 125 Chemistry for Nurses ( 3 CR) Additional Area Science, Elective Credit**  
**CHM 126 College Chemistry for Engineers ( 4 CR) CHM 1014, CHM 1024, Gen Ed Science, Additional Area Science**  
**CHM 127 Chemistry for Semiconductor Technology I ( 4 CR) Elective Credit**  
**CHM 241-242 Organic Chemistry I-II ( 3 CR) ( 3 CR) CHM 2014, CHM 2024, Gen Ed Science, Additional Area Science (must be taken with lab)**  
**CHM 243-244 Organic Chemistry Laboratory I-II ( 1 CR) ( 1 CR) See CHM 241-242**  
**CHM 245-246 Organic Chemistry Laboratory I-II ( 2 CR) ( 2 CR) See CHM 241-242**  
**CHM 255 Instrumental Analysis ( 3 CR) Additional Area Science**  
**CHM 260 Introductory Biochemistry ( 3 CR) Additional Area Science**

### **Civil Engineering Technology (CIV )**

**CIV 100 Introduction to Surveying ( 2 CR) Elective Credit**  
**CIV 115 Civil Engineering Drafting ( 3 CR) Elective Credit**  
**CIV 116 Topographic Drafting ( 3 CR) Elective Credit**  
**CIV 130 Construction Planning ( 2- 3 CR) Elective Credit**  
**CIV 135 Construction Management and Estimating ( 3 CR) Elective Credit**  
**CIV 145 Applied Soil Erosion and Sediment Control ( 2 CR) Elective Credit**  
**CIV 160 Transportation Engineering ( 3 CR) Elective Credit**  
**CIV 170 Principles of Surveying ( 2- 3 CR) Elective Credit**  
**CIV 171 Surveying I ( 3 CR) Elective Credit**  
**CIV 172 Surveying II ( 3 CR) Elective Credit**  
**CIV 201 Suburban Development I ( 2- 3 CR) Elective Credit**  
**CIV 210 Structural Systems ( 4- 5 CR) Elective Credit**  
**CIV 217 Structural Drafting ( 2- 3 CR) Elective Credit**  
**CIV 220 Structural Analysis ( 3 CR) Elective Credit**  
**CIV 225 Soil Mechanics ( 2 CR) Elective credit Elective Credit**

**CIV 226 Soil Mechanics Laboratory ( 1 CR) Elective Credit**  
**CIV 227 Concrete and Soil Technology ( 3 CR) Elective Credit**  
**CIV 228 Concrete Technology ( 2 CR) Elective Credit**  
**CIV 229 Concrete Laboratory ( 1 CR) Elective Credit**  
**CIV 230 Civil Construction Materials ( 3- 4 CR) Elective Credit**  
**CIV 235 Asphalt Technology ( 2 CR) Elective Credit**  
**CIV 236 Asphalt Laboratory ( 1 CR) Elective Credit**  
**CIV 240 Fluid Mechanics and Hydraulics ( 3 CR) Elective Credit**  
**CIV 241-242 Applied Hydraulics and Drainage I-II ( 3 CR) ( 3 CR) Elective Credit**  
**CIV 245 Storm Water Management ( 3 CR) Elective Credit**  
**CIV 246 Water Resources Technology ( 2- 3 CR) Elective Credit**  
**CIV 247 Engineering and Regulations for Dams ( 3 CR) Elective Credit**  
**CIV 260 Surveying Exam Preparation ( 3 CR) Elective Credit**  
**CIV 265 Curves and Earthwork ( 3 CR) Elective Credit**  
**CIV 270 Utilizing Surveying Software ( 3 CR) Elective Credit**  
**CIV 280 Introduction to Environmental Engineering ( 3 CR) Elective Credit**

#### **Personal Service Technology (COS )**

**COS 81 Cosmetology Theory I ( 4 CR) Does not transfer; may be submitted for possible PST credit**

**COS 82 Cosmetology Theory II ( 5 CR) Does not transfer; may be submitted for possible PST credit**

#### **Crafts (CRF )**

**CRF 100 Survey of Hand Crafts ( 3 CR) Elective Credit**  
**CRF 101 Hand Built Pottery ( 3 CR) Additional area, Gen Ed**  
**CRF 102 Wheel-Thrown Pottery ( 3 CR) ART 3063, Additional area, Gen Ed**  
**CRF 105 Introduction to Pottery ( 3 CR) ART 2063, Additional area, Gen Ed**  
**CRF 106 Pottery Glazing and Decorating ( 3 CR) Additional area**  
**CRF 107 Hand Crafted Leather Work ( 3 CR) Additional area**  
**CRF 109 Special Techniques in Pottery ( 3 CR) Additional area**  
**CRF 110 Introduction to Crafts ( 3 CR) Additional area**  
**CRF 116 Arts and Crafts ( 3 CR) Additional area**  
**CRF 126 Ceramic Design ( 3 CR) Additional area**  
**CRF 127 Ceramic Sculpture ( 3 CR) Additional area**  
**CRF 128 Raku Ceramics ( 3 CR) Additional area**  
**CRF 140 Studio Production Pottery I ( 2 CR) Additional area**  
**CRF 141 Studio Production Pottery II ( 2 CR) Additional area**  
**CRF 142 Studio Production Pottery III ( 2 CR) Additional area**  
**CRF 146 Studio Production Pottery IV ( 2 CR) Additional area**  
**CRF 147 Studio Production Pottery V ( 2 CR) Additional area**  
**CRF 148 Studio Production Pottery VI ( 2 CR) Additional area**  
**CRF 160 Stained Glass ( 3 CR) Additional area**

### **Computer Science (CSC )**

- CSC 100 Introduction to Computer Usage ( 1 CR)** Elective Credit
- CSC 110 Introduction to Computing ( 3 CR)** BUS 2313 or BUS 2323
- CSC 130 Scientific Programming ( 3 CR)** BUS 2313 or BUS 2323
- CSC 155 Computer Concepts and Applications ( 3 CR)** BUS 2313 or BUS 2323
- CSC 200 Introduction to Computer Science ( 3 CR)** Elective Credit
- CSC 201 Computer Science I ( 4 CR)** Elective Credit
- CSC 202 Computer Science II ( 4 CR)** Elective Credit
- CSC 205 Computer Organization ( 3- 4 CR)** Elective Credit
- CSC 206 Assembly Language ( 3 CR)** Elective Credit
- CSC 210 Programming with C++ ( 3- 4 CR)** Elective Credit
- CSC 215 Advanced Computer Organization ( 3- 4 CR)** Elective Credit

### **Dance (DAN )**

**(To be used with Fine Arts Programs)**

- DAN 160 Modern Dance ( 1- 2 CR)** Physical ed general education
- DAN 161-162 Dance Production I-II ( 1- 2 CR)( 1- 2 CR)** Physical ed general education
- DAN 163-164 Jazz I-II ( 1- 2 CR)( 1- 2 CR)** Physical ed general education
- DAN 165 Tap Dance ( 1- 2 CR)** Physical ed general education
- DAN 166 Ballet ( 1- 2 CR)** Physical ed general education
- DAN 167 Dance Improvisation ( 1- 2 CR)** Physical ed general education
- DAN 168 Folk Dance ( 1- 2 CR)** Physical ed general education
- DAN 169 Square Dance ( 1- 2 CR)** Physical ed general education
- DAN 171-172 Ballroom Dance I-II ( 1- 2 CR)( 1- 2 CR)** Physical ed general education

### **Decorating (DEC )**

- DEC 100 Introduction to Interior Decorating ( 3 CR)** Elective Credit

### **Dietetics (DIT )**

- DIT 100 Introduction to Dietetics ( 1- 2 CR)** Elective Credit
- DIT 121 Nutrition I ( 3 CR)** Elective Credit
- DIT 122 Nutrition II ( 3 CR)** Elective Credit
- DIT 125 Current Concepts in Diet and Nutrition ( 3 CR)** Elective Credit
- DIT 130 Food Management Systems ( 3 CR)** Elective Credit
- DIT 210 Nutritional Assessment ( 3 CR)** Elective Credit
- DIT 221 Therapeutic Nutrition ( 4 CR)** Elective Credit

### **Diagnostic Medical Sonography (DMS )**

- DMS 206 Introduction to Sonography ( 2 CR)** Elective Credit
- DMS 207 Sectional Anatomy ( 2 CR)** Elective Credit
- DMS 208 Ultrasound Physics and Instrumentation I ( 3 CR)** Elective Credit
- DMS 209 Ultrasound Physics and Instrumentation II ( 3 CR)** Elective Credit

**DMS 211 Ultrasound Imaging I ( 4 CR)** Elective Credit  
**DMS 212 Ultrasound Imaging II ( 4 CR)** Elective Credit  
**DMS 220 Ultrasound Skills and Principles ( 4 CR)** Elective Credit  
**DMS 221 Ultrasound Seminar I ( 4 CR)** Elective Credit  
**DMS 222 Ultrasound Seminar II ( 2- 3 CR)** Elective Credit  
**DMS 223 Introduction to Vascular Ultrasound ( 3 CR)** Elective Credit  
**DMS 231 Clinical Education I ( 2- 3 CR)** Elective Credit  
**DMS 232 Clinical Education II ( 5 CR)** Elective Credit  
**DMS 233 Clinical Education III ( 5- 6 CR)** Elective Credit  
**DMS 234 Clinical Education IV ( 6 CR)** Elective Credit  
**DMS 235 Clinical Education V ( 5- 6 CR)** Elective Credit

#### **Dental Assisting (DNA )**

**DNA 100 Introduction to Oral Health Professions ( 1 CR)** Elective Credit  
**DNA 103 Introduction to Oral Health ( 1 CR)** Elective Credit  
**DNA 108 Dental Science ( 3 CR)** Elective Credit  
**DNA 109 Practical Infection Control ( 3 CR)** Elective Credit  
**DNA 110 Dental Materials ( 3 CR)** Elective Credit  
**DNA 113 Chairside Assisting I ( 3 CR)** Elective Credit  
**DNA 114 Chairside Assisting II ( 4 CR)** Elective Credit  
**DNA 119 Dental therapeutics ( 1 CR)** Elective Credit  
**DNA 120 Community Health ( 1 CR)** Elective Credit  
**DNA 130 Dental Office Management ( 2- 3 CR)** Elective Credit  
**DNA 134 Dental Radiology and Practicum ( 3 CR)** Elective Credit  
**DNA 135 Dental Radiation Safety ( 2 CR)** Elective Credit  
**DNA 140 Externship ( 5 CR)** Elective Credit  
**DNA 146 Review for National Certification Examination ( 1 CR)** Elective Credit

#### **Dental Hygiene (DNH )**

**DNH 111 Oral Anatomy ( 2 CR)** Elective Credit  
**DNH 112 Oral Anatomy and Tooth Morphology ( 3 CR)** Elective Credit  
**DNH 113 General and Oral Histology ( 2 CR)** Elective Credit  
**DNH 114 Head and Neck Anatomy ( 2 CR)** Elective Credit  
**DNH 115 Histology/Head and Neck Anatomy ( 3 CR)** Elective Credit  
**DNH 120 Management of Emergencies ( 1- 2 CR)** Elective Credit  
**DNH 130 Oral Radiography for the Dental Hygienist ( 2- 3 CR)** Elective Credit  
**DNH 141 Dental Hygiene I ( 5 CR)** Elective Credit  
**DNH 142 Dental Hygiene II ( 5 CR)** Elective Credit  
**DNH 143 Dental Hygiene III ( 4 CR)** Elective Credit  
**DNH 145 General and Oral Pathology ( 2 CR)** Elective Credit  
**DNH 146 Periodontics for the Dental Hygienist ( 2 CR)** Elective Credit  
**DNH 150 Nutrition ( 2 CR)** Elective Credit  
**DNH 214 Practical Materials for Dental Hygiene ( 2 CR)** Elective Credit

**DNH 215 Dental Materials ( 3 CR)** Elective Credit  
**DNH 216 Pharmacology ( 2 CR)** Elective Credit  
**DNH 220 Community Dental Health ( 2 CR)** Elective Credit  
**DNH 225 Community Dental Health Education ( 2 CR)** Elective Credit  
**DNH 226 Public Health Dental Hygiene I ( 2 CR)** Elective Credit  
**DNH 227 Public Health Dental Hygiene II ( 1 CR)** Elective Credit  
**DNH 230 Office Practice and Ethics ( 1 CR)** Elective Credit  
**DNH 244 Dental Hygiene IV ( 5 CR)** Elective Credit  
**DNH 245 Dental Hygiene V ( 5 CR)** Elective Credit

#### **Dental Laboratory (DNL )**

**DNL 100 Professional Ethics and Dental History ( 2 CR)** Elective Credit  
**DNL 110 Dental Laboratory Materials ( 3 CR)** Elective Credit  
**DNL 120 Dental Anatomy and Physiology ( 3 CR)** Elective Credit  
**DNL 130 Introduction to Complete Dentures ( 6 CR)** Elective Credit  
**DNL 135 Introduction to Removable Partial Dentures ( 6 CR)** Elective Credit  
**DNL 136 Principles of Occlusion ( 3 CR)** Elective Credit  
**DNL 137 Orthodontic and Pedodontic Appliances ( 3 CR)** Elective Credit  
**DNL 138 Introduction to Fixed Prosthodontics ( 6 CR)** Elective Credit  
**DNL 160 Removable Prosthodontic Techniques ( 3 CR)** Elective Credit  
**DNL 175 Dental Laboratory Management ( 2 CR)** Elective Credit  
**DNL 216 Dental Laboratory Practicum ( 6- 7 CR)** Elective Credit  
**DNL 220 Introduction to Dental Ceramics ( 6 CR)** Elective Credit  
**DNL 231 Advanced Dental Laboratory Techniques I ( 2 CR)** Elective Credit  
**DNL 240 Comprehensive Review in Dental Laboratory Technology ( 2 CR)** Elective Credit

#### **Drafting (DRF )**

**DRF 61 Mechanical Drafting for Trades ( 3 CR)** Does not transfer; may be submitted for possible PST credit  
**DRF 68 Blueprint Schematics ( 2 CR)** Does not transfer; may be submitted for possible PST credit  
**DRF 111-112 Technical Drafting I-II ( 2- 3 CR)( 2- 3 CR)** Elective Credit  
**DRF 114-115 Drafting I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit  
**DRF 116 Drafting III ( 3- 4 CR)** Elective Credit  
**DRF 119 Mechanical Drafting ( 5 CR)** Elective Credit  
**DRF 120 Introduction to Graphic Representation ( 2- 3 CR)** Elective Credit  
**DRF 121-122 Mechanical Drafting I-II ( 7 CR) ( 7 CR)** Elective Credit  
**DRF 127 Introduction to Geometric Dimensioning and Tolerancing ( 1 CR)** Elective Credit  
**DRF 128 Geometric Dimensioning and Tolerancing ( 2- 3 CR)** Elective Credit  
**DRF 130 Introduction to Electrical/Electronics Drafting ( 2 CR)** Elective Credit  
**DRF 132-133 Electrical and Electronic Drafting I-II ( 3 CR) ( 3 CR)** Elective Credit  
**DRF 135 Electrical/Electronics Blueprint Reading ( 2 CR)** Elective Credit  
**DRF 136 Descriptive Geometry for Drafting ( 2- 3 CR)** Elective Credit  
**DRF 140 Technical Drawing ( 3 CR)** Elective Credit

**DRF 151-152 Engineering Drawing Fundamentals I-II ( 3 CR) ( 3 CR)** Elective Credit  
**DRF 155 Fundamentals of Architectural Drafting ( 3 CR)** Elective Credit  
**DRF 160 Machine Blueprint Reading ( 3 CR)** Elective Credit  
**DRF 161 Blueprint Reading I ( 1- 2 CR)** Elective Credit  
**DRF 162 Blueprint Reading II ( 2 CR)** Elective Credit  
**DRF 165 Architectural Blueprint Reading ( 3 CR)** Elective Credit  
**DRF 166 Welding Blueprint Reading ( 2 CR)** Elective Credit  
**DRF 168 Sheet Metal Blueprints Reading ( 3 CR)** Elective Credit  
**DRF 169 Blueprint Reading for Heavy Construction ( 2 CR)** Elective Credit  
**DRF 175 Schematics and Mechanical Diagrams ( 2 CR)** Elective Credit  
**DRF 200 Survey of Computer Aided Drafting ( 3- 4 CR)** Elective Credit  
**DRF 201 Computer Aided Drafting and Design I ( 3- 4 CR)** Elective Credit  
**DRF 202 Computer Aided Drafting and Design II ( 3- 4 CR)** Elective Credit  
**DRF 203 Computer Aided Drafting and Design III ( 3- 4 CR)** Elective Credit  
**DRF 210 Advanced Technical Drafting ( 4 CR)** Elective Credit  
**DRF 211 Advanced Technical Drafting I ( 3 CR)** Elective Credit  
**DRF 212 Advanced Technical Drafting II ( 3 CR)** Elective Credit  
**DRF 213 Advanced Technical Drafting III ( 4 CR)** Elective Credit  
**DRF 216 Advanced Technical Drafting IV ( 3 CR)** Elective Credit  
**DRF 225 Machine Drawing and Design ( 3 CR)** Elective Credit  
**DRF 226 Computer Aided Machining ( 3- 4 CR)** Elective Credit  
**DRF 227 Computer Aided Machining II ( 4 CR)** Elective Credit  
**DRF 231 Computer Aided Drafting I ( 2- 3 CR)** Elective Credit  
**DRF 232 Computer Aided Drafting II ( 2- 3 CR)** Elective Credit  
**DRF 233 Computer Aided Drafting III ( 2- 3 CR)** Elective Credit  
**DRF 234 Programming for CAD Applications ( 2- 3 CR)** Elective Credit  
**DRF 235 Machine Design ( 6- 7 CR)** Elective Credit  
**DRF 236 Jig and Fixture Design ( 6- 7 CR)** Elective Credit  
**DRF 237 CADD Systems Management ( 3 CR)** Elective Credit  
**DRF 238-239 Computer Aided Modeling and Rendering I-II ( 2- 3 CR)( 2- 3 CR)** Elective Credit  
**DRF 241-242 Parametric Solid Modeling I-II ( 2- 3 CR)( 2- 3 CR)** Elective Credit  
**DRF 245 Electronic Drafting ( 2 CR)** Elective Credit  
**DRF 246 Sheet Metal Drafting ( 3 CR)** Elective Credit  
**DRF 247 Ship Design Drafting ( 3 CR)** Elective Credit  
**DRF 255 Piping Design ( 3 CR)** Elective Credit  
**DRF 260 Computer Applications for Surveyors and Technicians ( 3 CR)** Elective Credit  
**DRF 262 Computer-Aided-Civil Design and Hydrology ( 3 CR)** Elective Credit  
**DRF 280 Design Capstone Project ( 2- 3 CR)** Elective Credit

#### **Diesel (DSL )**

**DSL 111 Introduction to Diesel Engine ( 2 CR)** Elective Credit  
**DSL 121-122 Diesel Engines I-II ( 5- 6 CR)( 5- 6 CR)** Elective Credit  
**DSL 123-124 Diesel Engine Systems I-II ( 2 CR) ( 2 CR)** Elective Credit

**DSL 126 Diesel Engine Reconditioning ( 6 CR) Elective Credit**  
**DSL 131 Diesel Fuel Systems and Tune-Up ( 4- 5 CR) Elective Credit**  
**DSL 133 Diesel Fuel and Injection System ( 5- 6 CR) Elective Credit**  
**DSL 141-142 Transportation Electrical Systems I-II ( 2 CR) ( 2 CR) Elective Credit**  
**DSL 143 Diesel Truck Electrical Systems ( 4 CR) Elective Credit**  
**DSL 152 Diesel Power Trains, Chassis, and Suspension ( 4 CR) Elective Credit**  
**DSL 153-154 Power Trains I-II ( 3 CR) ( 3 CR) Elective Credit**  
**DSL 155 Heavy Duty Suspension and Service ( 3 CR) Elective Credit**  
**DSL 160 Air Brake Systems ( 3 CR) Elective Credit**  
**DSL 161-162 Air Brake Systems I-II ( 2 CR) ( 2 CR) Elective Credit**  
**DSL 171 Transportation Air Conditioning I ( 2 CR) Elective Credit**  
**DSL 172 Transportation Air Conditioning II ( 2 CR) Elective Credit**  
**DSL 176 Transportation Air Conditioning ( 2 CR) Elective Credit**  
**DSL 181-182 Diesel Mechanics I-II ( 6 CR) ( 6 CR) Elective Credit**

#### **Economics (ECO )**

**ECO 100 Elementary Economics ( 3 CR) Does not transfer**  
**ECO 110 Consumer Economics ( 3 CR) Does not transfer**  
**ECO 120 Survey of Economics ( 2- 3 CR) Elective Credit**  
**ECO 201 Principles of Macroeconomics ( 3 CR) BUS 2513**  
**ECO 202 Principles of Microeconomics ( 3 CR) BUS 2523**  
**ECO 210 International Economics ( 3 CR) Elective Credit**  
**ECO 230 Money and Banking ( 3 CR) Elective Credit**  
**ECO 231-232 Principles of Money and Banking I-II ( 3 CR) ( 3 CR) Elective Credit**  
**ECO 245 Contemporary Economic Issues ( 3 CR) Elective Credit**

#### **Education (EDU )**

**EDU 100 Introduction to Education ( 1 CR) Elective Credit**  
**EDU 114 Driver Task Analysis ( 3 CR) Elective Credit**  
**EDU 130 Introduction to Developmental Disabilities ( 4 CR) Elective Credit**  
**EDU 131 Introduction to Communicative Disorders ( 3 CR) Elective Credit**  
**EDU 135 Behavior Technology for Use with Developmental Disabilities ( 4 CR) Elective Credit**  
**EDU 155 Parent Education ( 3 CR) Elective Credit**  
**EDU 156 Single Parent Families ( 3 CR) Elective Credit**  
**EDU 160 Observation and Assessment in Early Care ( 3 CR) Elective Credit**  
**EDU 200 Introduction to Teaching as a Profession ( 3 CR) Elective Credit**  
**EDU 214 Instructional Principles of Driver Education ( 3 CR) Elective Credit**  
**EDU 225 Audiovisual Materials and Computer Software ( 3 CR) Elective Credit**  
**EDU 235 Health, Safety, and Nutrition Education ( 3 CR) Elective Credit**  
**EDU 245 Teach. and Training of Language Skills for Disabled ( 3 CR) Elective Credit**  
**EDU 247 Adult Independent Living and Vocational Skills for Disabled ( 4 CR) Elective Credit**  
**EDU 254 Teaching Basic Academic Skills to Exceptional Children ( 3 CR) Elective Credit**

## **Engineering (EGR )**

- EGR 100 Engineering Technology Orientation ( 1 CR) Elective Credit**
- EGR 105 Introduction to Problem Solving in Technology ( 1 CR) Elective Credit**
- EGR 110 Engineering Graphics ( 3 CR) Elective Credit**
- EGR 111-112 Engineering Graphics I-II ( 2 CR) ( 2 CR) Elective Credit**
- EGR 115 Engineering Graphics ( 2- 3 CR) Elective Credit**
- EGR 120 Introduction to Engineering ( 1- 2 CR) Elective Credit**
- EGR 123 Introduction to Engineering Design ( 2 CR) Elective Credit**
- EGR 124 Introduction to Engineering and Engineering Methods ( 3 CR) Elective Credit**
- EGR 125 Introduction to Engineering Methods ( 3- 4 CR) Elective Credit**
- EGR 126 Computer Programming for Engineers ( 3 CR) Elective Credit**
- EGR 127 Introduction to Computer Programming ( 2- 3 CR) Elective Credit**
- EGR 130 Statics and Strength of Materials for Engineering Technology ( 4- 5 CR) Elective Credit**
- EGR 135 Statics for Engineering Technology ( 3 CR) Elective Credit**
- EGR 136 Strength of Materials for Engineering Technology ( 3 CR) Elective Credit**
- EGR 140 Engineering Mechanics - Statics ( 3 CR) Elective Credit**
- EGR 206 Engineering Economics ( 2- 3 CR) Elective Credit**
- EGR 215 Engineering Kinematics ( 3 CR) Elective Credit**
- EGR 216 Computer Methods in Engineering and Technology ( 3 CR) Elective Credit**
- EGR 240 Solid Mechanics (Statics) ( 3 CR) Elective Credit**
- EGR 245 Engineering Mechanics - Dynamics ( 3 CR) Elective Credit**
- EGR 246 Mechanics of Materials ( 3 CR) Elective Credit**
- EGR 247 Mechanics of Materials Laboratory ( 1 CR) Elective Credit**
- EGR 248 Thermodynamics for Engineering ( 3 CR) Elective Credit**
- EGR 249 Engineering Metallurgy and Materials ( 4 CR) Elective Credit**
- EGR 250 Electrical Theory ( 3- 4 CR) Elective Credit**
- EGR 251-252 Basic Electric Circuits I-II ( 3 CR) ( 3 CR) Elective Credit**
- EGR 255 Electric Circuits Laboratory ( 1 CR) Elective Credit**
- EGR 265 Digital Electronics and Logic Design ( 4 CR) Elective Credit**
- EGR 266 Linear Electronics ( 3 CR) Elective Credit**
- EGR 268 Introduction to Computer Architecture ( 3 CR) Elective Credit**
- EGR 271 Circuit Theory I ( 3 CR) Elective Credit**
- EGR 272 Circuit Theory II ( 2- 3 CR) Elective Credit**
- EGR 277 Digital Logic ( 3 CR) Elective Credit**
- EGR 278 Digital Logic Laboratory ( 1- 2 CR) Elective Credit**
- EGR 285 Capstone Project ( 1 CR) Elective Credit**

## **Educational Interpreter Program (EIP )**

**(These courses may not transfer to any other VCCS institutions in ASL or INT programs)**

- EIP 101 Orientation to Deafness I ( 1 CR) Elective Credit**
- EIP 102 Orientation to Deafness II ( 1 CR) Elective Credit**
- EIP 111 Intro to Expressive & Receptive Fingerspelling & No Sys ( 1 CR) Elective Credit**
- EIP 112 Advanced Express. & Receptive Fingerspelling & Nos. System ( 1 CR) Elective Credit**

**EIP 150 Express. Vocab. Bldg. & Exp. Text Ana. for Inter. I ( 1 CR)** Elective Credit  
**EIP 151 Exp. Vocab. Bldg and Exp. Text Anal. for Inter II ( 1 CR)** Elective Credit  
**EIP 160 Recp. Vocab. Bldg and Recp. Text Anal. for Inter I ( 1 CR)** Elective Credit  
**EIP 161 Recep Vocab Bldg & Recep Text Anal. for Inter. II ( 1 CR)** Elective Credit  
**EIP 181 Pre-Interpreting Skills I ( 1 CR)** Elective Credit  
**EIP 182 Pre-Interpreting Skills II ( 1 CR)** Elective Credit  
**EIP 201 Linguistics of American Sign Language for Inter. I ( 1 CR)** Elective Credit  
**EIP 202 Linquistics of American Sign Language II ( 1 CR)** Elective Credit  
**EIP 203 Linquistics of American Sign Language III ( 1 CR)** Elective Credit  
**EIP 211 Sign-to-Voice Transliterating I ( 1 CR)** Elective Credit  
**EIP 212 Sign-to-Voice Transliterating II ( 1 CR)** Elective Credit  
**EIP 213 Sign-to-Voice Transliterating III ( 1 CR)** Elective Credit  
**EIP 214 Sign-to-Voice Transliterating IV ( 1 CR)** Elective Credit  
**EIP 215 Advanced Sign-to-Voice Interpreting I ( 1 CR)** Elective Credit  
**EIP 216 Advanced Sign-to-Voice Interpreting II ( 1 CR)** Elective Credit  
**EIP 231 Expressive Transliterating I ( 1 CR)** Elective Credit  
**EIP 232 Expressive Transliterating II ( 1 CR)** Elective Credit  
**EIP 233 Expressive Transliterating III ( 1 CR)** Elective Credit  
**EIP 234 Expressive Transliterating IV ( 1 CR)** Elective Credit  
**EIP 235 Advanced Expressive Transliterating I ( 1 CR)** Elective Credit  
**EIP 236 Advanced Expressive Transliterating II ( 1 CR)** Elective Credit  
**EIP 240 Interpreting in the Educational Setting ( 1 CR)** Elective Credit  
**EIP 242 Interpreting in Special Situations ( 1 CR)** Elective Credit  
**EIP 245 Interpreter Ethics and Responsibilities ( 1 CR)** Elective Credit  
**EIP 261 Introduction to English-to-ASL Interpreting ( 1 CR)** Elective Credit  
**EIP 262 English-to-ASL Interpreting II ( 1 CR)** Elective Credit  
**EIP 263 English-to-ASL Interpreting III ( 1 CR)** Elective Credit  
**EIP 264 English-to-ASL Interpreting IV ( 1 CR)** Elective Credit  
**EIP 280 Interactive Transliterating ( 1 CR)** Elective Credit  
**EIP 281 Interactive Interpreting ( 1 CR)** Elective Credit  
**EIP 289 Preparation for Performance Evaluations: Transliteration ( 1 CR)** Elective Credit  
**EIP 291 Preparation for Performance Evaluations: Interpreting ( 1 CR)** Elective Credit

#### **Electrical Technology (ELE )**

**ELE 01- 02 Introduction to Electricity I-II ( 1- 5 CR)( 1- 5 CR)** Does not transfer  
**ELE 15 Electrical Systems ( 4 CR)** Does not transfer; may be submitted for possible PST credit  
**ELE 16 Electrical Applications ( 1 CR)** Does not transfer; may be submitted for possible PST credit  
**ELE 17 Problems in Electricity ( 3 CR)** Does not transfer; may be submitted for possible PST credit  
**ELE 21- 22 Applied Electricity I-II ( 4 CR) ( 4 CR)** Does not transfer; may be submitted for possible PST credit  
**ELE 23- 24 Applied Electricity III-IV ( 4 CR) ( 4 CR)** Does not transfer; may be submitted for

possible PST credit

**ELE 31- 32 Electricity I-II ( 3 CR) ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**ELE 41- 42 Programmable Controllers I-II ( 3- 4 CR)( 3- 4 CR)** Does not transfer; may be submitted for possible PST credit

**ELE 100 Electrical-Electronic Skills & Concepts ( 4 CR)** Elective Credit

**ELE 104-105 Electrical Fundamentals I-II ( 2 CR) ( 2 CR)** Elective Credit

**ELE 110 Home Electric Power ( 3 CR)** Elective Credit

**ELE 111-112 Home Electric Power I-II ( 3 CR) ( 3 CR)** Elective Credit

**ELE 113-114 Electricity I-II ( 3 CR) ( 3 CR)** Elective Credit

**ELE 115 Basic Electricity ( 2- 3 CR)** Elective Credit

**ELE 116 Electrical Construction Estimating ( 2 CR)** Elective Credit

**ELE 118 Practical Electricity ( 2 CR)** Elective Credit

**ELE 119 Electrical Shop Practices ( 1 CR)** Elective Credit

**ELE 120 Electrical/Electronic Survey ( 3 CR)** Elective Credit

**ELE 121-122 Electrical Circuits I-II ( 3 CR) ( 3 CR)** Elective Credit

**ELE 123-124 Electrical Applications I-II ( 1- 2 CR)( 1- 2 CR)** Elective Credit

**ELE 126 Electricity and Shop Power Distribution ( 2 CR)** Elective Credit

**ELE 127 Residential Wiring Methods ( 2- 3 CR)** Elective Credit

**ELE 130 Electricity ( 3- 4 CR)** Elective Credit

**ELE 131-132 National Electrical Code I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit

**ELE 133-134 Practical Electricity I-II ( 3 CR) ( 3 CR)** Elective Credit

**ELE 135 National Electrical Code - Residential ( 3- 4 CR)** Elective Credit

**ELE 136 National Electrical Code - Commercial ( 3 CR)** Elective Credit

**ELE 137 National Electrical Code - Industrial ( 3 CR)** Elective Credit

**ELE 138 National Electrical Code Review I ( 2- 3 CR)** Elective Credit

**ELE 139 National Electrical Code Review II ( 2- 3 CR)** Elective Credit

**ELE 140 Basic Electricity and Machinery ( 4 CR)** Elective Credit

**ELE 141 D.C. and A.C. Machines ( 4- 5 CR)** Elective Credit

**ELE 143-144 Programmable Controllers I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit

**ELE 145 Transformer Connections and Circuits ( 2 CR)** Elective Credit

**ELE 146 Electric Motor Control ( 4 CR)** Elective Credit

**ELE 147 Electrical Power and Control Systems ( 2- 3 CR)** Elective Credit

**ELE 149 Wiring Methods in Industry ( 3- 4 CR)** Elective Credit

**ELE 150 A.C. and D.C. Circuit Fundamentals ( 3- 4 CR)** Elective Credit

**ELE 151 Electrical Troubleshooting ( 3- 4 CR)** Elective Credit

**ELE 152 Electrical-Electronic Calculations I ( 4 CR)** Elective Credit

**ELE 153 Electrical-Electronic Calculations II ( 4 CR)** Elective Credit

**ELE 154 Electrical-Electronic Calculations III ( 2 CR)** Elective Credit

**ELE 156 Electrical Control Systems ( 3 CR)** Elective Credit

**ELE 157 Electricity Fundamentals ( 6- 7 CR)** Elective Credit

**ELE 159 Electrical Motors ( 3 CR)** Elective Credit

**ELE 160 Power Controls ( 3 CR)** Elective Credit

**ELE 161 Inside Wireman First Year I ( 4 CR)** Elective Credit  
**ELE 162 Inside Wireman First Year II ( 4 CR)** Elective Credit  
**ELE 163 Inside Wireman Second Year I ( 4 CR)** Elective Credit  
**ELE 164 Inside Wireman Second Year II ( 4 CR)** Elective Credit  
**ELE 168 Hagan Feed Pump Controls ( 2 CR)** Elective Credit  
**ELE 169 DC and AC Controls ( 4- 5 CR)** Elective Credit  
**ELE 170 Inside Wireman Third Year I ( 4 CR)** Elective Credit  
**ELE 171 Inside Wireman Third Year II ( 4 CR)** Elective Credit  
**ELE 172 Gen. Regulator Auto. Boiler Control Console Operator ( 4 CR)** Elective Credit  
**ELE 175 Industrial Solid State Devices and Circuits ( 2- 3 CR)** Elective Credit  
**ELE 201-202 Applications and Instruments I-II-III ( 1- 2 CR)( 1- 2 CR)** Elective Credit  
**ELE 211-212 Electrical Machines I-II ( 3- 5 CR)( 4- 5 CR)** Elective Credit  
**ELE 216 Industrial Electricity ( 3- 4 CR)** Elective Credit  
**ELE 220 Inside Wireman Fourth Year I ( 4 CR)** Elective Credit  
**ELE 221 Inside Wireman Fourth Year II ( 4 CR)** Elective Credit  
**ELE 222 Inside Wireman Fifth year I ( 4 CR)** Elective Credit  
**ELE 223 Inside Wireman Fifth Year II ( 4 CR)** Elective Credit  
**ELE 225 Electrical Control Systems ( 4 CR)** Elective Credit  
**ELE 233-234 Programmable Logic Controller Systems I & II ( 3- 4 CR)( 3- 4 CR)** Elective Credit  
**ELE 235 Industrial Communications ( 3 CR)** Elective Credit  
**ELE 238 Control Circuits ( 3 CR)** Elective Credit  
**ELE 239 Programmable Controllers ( 2- 3 CR)** Elective Credit  
**ELE 245 Industrial Wiring ( 3 CR)** Elective Credit

#### **Emergency Medical Technology (EMT )**

**EMDT 101 Emer Med Tech (credits: 3QH = 2SH)** Elective Credit  
**EMT 105 First Responder ( 2- 3 CR)** HEA 3003  
**EMT 106 Emergency Medical Technician/Basic ( 6 CR)** HEA 3003  
**EMT 109 CPR for Healthcare Providers ( 1 CR)** Elective Credit  
**EMT 110 Emergency Medical Services System Overview ( 3 CR)** Elective Credit  
**EMT 111 Emergency Medical Technology I ( 3 CR)** HEA 3003 or ESS 4513  
**EMT 112 Emergency Medical Technology II ( 3 CR)** HEA 3003 or ESS 4513  
**EMT 120 Basic Life Support Instructor ( 1 CR)** Elective Credit  
**EMT 121 Basic Trauma Life Support ( 1 CR)** Elective Credit  
**EMT 122 Basic Trauma Life Support Instructor ( 1 CR)** Elective Credit  
**EMT 123 Pediatric Basic Trauma Life Support ( 1 CR)** Elective Credit  
**EMT 131 Introduction to Technical Rescuer-Rescuer System ( 2 CR)** Elective Credit  
**EMT 132 Introduction to Technical Rescuer - Vehicle Extrication ( 2 CR)** Elective Credit  
**EMT 133 Introduction to Technical Rescue - Rope Rescue ( 1 CR)** Elective Credit  
**EMT 146 Medical Aspects of Hazardous Materials Incidents ( 3 CR)** Elective Credit  
**EMT 155 Basic EMT/B Refresher ( 2- 3 CR)** HEA 3003 or ESS 4513  
**EMT 161 EMS Leadership and Supervision I ( 3 CR)** Elective Credit  
**EMT 162 EMT Leadership and Supervision II ( 3 CR)** ESS 4513

**EMT 176 Introduction to Advanced Life Support ( 3- 4 CR)** HEA 3003 or ESS 4513  
**EMT 177 Assessment Based Management ( 1 CR)** Elective Credit  
**EMT 178 EMT - Intermediate I ( 3- 4 CR)** ESS 4513  
**EMT 179 EMT Intermediate II ( 5- 6 CR)** ESS 4513  
**EMT 180 ALS Foundations ( 4 CR)** ESS 4513  
**EMT 181 ALS Trauma Care ( 3 CR)** ESS 4513  
**EMT 182 ALS Medical Care ( 4 CR)** ESS 4513  
**EMT 183 ALS Skills I ( 1 CR)** Elective Credit  
**EMT 184 ALS Skills II ( 2 CR)** Elective Credit  
**EMT 185 ALS Skills III ( 2 CR)** Elective Credit  
**EMT 186 ALS Clinical Education I ( 2 CR)** Elective Credit  
**EMT 187 ALS Clinical Education II ( 2 CR)** Elective Credit  
**EMT 188 ALS Clinical Education III ( 3 CR)** Elective Credit  
**EMT 209 Pharmacology ( 3 CR)** HEA 4003  
**EMT 215 Principles of Extrication ( 4 CR)** Elective Credit  
**EMT 216 Pre-Hospital Physiological Assessment ( 2- 3 CR)** Elective Credit  
**EMT 220 Introduction to Cardiology ( 2 CR)** Elective Credit  
**EMT 223 Pediatric Advanced Life Support ( 1 CR)** Elective Credit  
**EMT 224 12 Lead EKG Interpretation ( 1- 2 CR)** Elective Credit  
**EMT 225 Clinical Experiences for the Cardiac Care Technician ( 3 CR)** Elective Credit  
**EMT 226 Dysrhythmia Recognition and Management ( 3 CR)** Elective Credit  
**EMT 227 Advanced Life Support Drug Dosage Calculations ( 1 CR)** Elective Credit  
**EMT 228 Paramedic Review ( 1 CR)** Elective Credit  
**EMT 229 Pediatric Advanced Life Support Instructor ( 1 CR)** Elective Credit  
**EMT 230 Emergency Medical Science - Shock Trauma ( 4 CR)** Elective Credit  
**EMT 231 Paramedic Procedures I ( 5 CR)** Elective Credit  
**EMT 232 Paramedic Procedures II ( 6 CR)** Elective Credit  
**EMT 235 Clinical Experiences for the Paramedic ( 4 CR)** Elective Credit  
**EMT 240 Emergency Medical Services Instructor Training ( 3 CR)** Elective Credit  
**EMT 245 Operations ( 2- 3 CR)** Elective Credit  
**EMT 250 Shock Trauma Skills ( 1 CR)** Elective Credit  
**EMT 251 Advanced Cardiac Life Support Provider Course ( 1 CR)** Elective Credit  
**EMT 255 EMT-Cardiac/Paramedic Refresher ( 3- 4 CR)** Elective Credit  
**EMT 261 Paramedic Skills I ( 1 CR)** Elective Credit  
**EMT 262 Paramedic Skills II ( 1 CR)** Elective Credit  
**EMT 263 Paramedic Skills III ( 1 CR)** Elective Credit  
**EMT 271 Emergency Medical Science I ( 6 CR)** ESS 4513 or ESS 4611  
**EMT 272 Emergency Medical Science II ( 4- 5 CR)** ESS 4513 or ESS 4611  
**EMT 273 Emergency Medical Science III ( 3 CR)** ESS 4513 or ESS 4611  
**EMT 274 Pathophysiology ( 3 CR)** Elective Credit  
**EMT 275 Concepts in Critical Care ( 5 CR)** Elective Credit  
**EMT 280 ALS Specialty Care ( 2 CR)** Elective Credit  
**EMT 281 ALS Skills IV ( 2 CR)** Elective Credit

**EMT 282 ALS Clinical Education IV ( 3 CR)** Elective Credit

**EMT 283 ALS Field Internship ( 6 CR)** Elective Credit

**English (ENG )**

**ENG 01 Preparing for College Writing I ( 1- 6 CR)** Does not transfer

**ENG 02 Spelling and Vocabulary Study ( 1- 6 CR)** Does not transfer

**ENG 03 Preparing for College Writing II ( 1- 6 CR)** Does not transfer

**ENG 04 Reading Improvement I ( 1- 6 CR)** Does not transfer

**ENG 05 Reading Improvement II ( 1- 6 CR)** Does not transfer

**ENG 06 Reading in the Content Areas ( 1- 3 CR)** Does not transfer

**ENG 07 Writing and Reading Improvement I ( 3-12 CR)** Does not transfer

**ENG 08 Writing and Reading Improvement II ( 6-12 CR)** Does not transfer

**ENG 09 Individualized Instruction in Writing ( 1- 3 CR)** Does not transfer

**ENG 21 Industrial Communication I ( 3- 4 CR)** Does not transfer; may be submitted for possible PST credit

**ENG 22 Industrial Communication II ( 3- 4 CR)** Does not transfer; may be submitted for possible PST credit

**ENG 23 Industrial Communication III ( 3- 4 CR)** Does not transfer; may be submitted for possible PST credit

**ENG 50 Reading and Writing for Teacher Entrance Exams ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**ENG 100 Basic Occupational Communication ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**ENG 101-102 Practical Writing I-II/Communications Skills I-II( 3 CR) ( 3 CR)** ENG 1013 Only, Gen Ed

**ENG 107 Critical Reading ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**ENG 108 Critical Reading and Study Skills ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**ENG 109 Study Skills ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**ENG 111-112 College Composition I-II ( 3 CR) ( 3 CR)** ENG 1013/1023, Gen Ed

**ENG 115 Technical Writing ( 3 CR)** ENG 3063

**ENG 116 Writing for Business ( 3 CR)** BUS 3223

**ENG 117 Communication for the Justice System ( 2- 3 CR)** COM 1023, Gen Ed

**ENG 120 Survey of Mass Media ( 3 CR)** COM 1013

**ENG 121-122 Introduction to Journalism I-II ( 3 CR) ( 3 CR)** COM 2073/2083

**ENG 123 Writing for the World Wide Web ( 3 CR)** Please inquire

**ENG 131 Technical Report Writing I ( 3 CR)** ENG 3063

**ENG 132 Technical Report Writing II ( 2 CR)** ENG 3063

**ENG 134 Grammar for Writing and Speaking ( 3 CR)** ENG 3023

**ENG 135 Applied Grammar ( 3 CR)** Elective Credit

**ENG 136 Analytical Reading and Logical Thinking ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**ENG 137-138 Communication Processes I-II ( 3- 4 CR)( 3- 4 CR)** ENG 1023, Gen Ed

**ENG 139 College Grammar ( 3 CR) ENG 3023**  
**ENG 150 Children's Literature ( 3 CR) ENG 3053**  
**ENG 210 Advanced Composition ( 3 CR) ENG 4063**  
**ENG 211-212 Creative Writing I-II ( 3 CR) ( 3 CR) ENG 3043**  
**ENG 215-216 Creative Writing - Fiction I-II ( 3 CR) ( 3 CR) ENG 4043**  
**ENG 217-218 Creative Writing - Poetry I-II ( 3 CR) ( 3 CR) ENG 4043**  
**ENG 219 Creative Writing - Drama ( 3 CR) THR 4063**  
**ENG 221-222 Advanced Journalism I-II ( 3 CR) ( 3 CR) COM 2083**  
**ENG 230 Mystery in Literature and Film ( 3 CR) ENG 2003, Additional Area**  
**ENG 235 Introduction to the Novel ( 3 CR) ENG 2003, Gen Ed, Additional Area**  
**ENG 236 Introduction to the Short Story ( 3 CR) ENG 2003, Gen Ed, Additional Area**  
**ENG 237 Introduction to Poetry ( 3 CR) ENG 2003, Gen Ed, Additional Area**  
**ENG 241-242 Survey of American Literature I-II ( 3 CR) ( 3 CR) ENG 2033/2043, Gen Ed**  
**ENG 243-244 Survey of English Literature I-II ( 3 CR) ( 3 CR) ENG 2013/2023, Gen Ed**  
**ENG 245 Major English Writers ( 3 CR) ENG 4503, Additional Area**  
**ENG 246 Major American Writers ( 3 CR) ENG 4503, Additional Area**  
**ENG 247 Survey of Popular Culture ( 3 CR) ENG 4503, Additional Area**  
**ENG 251-252 Survey of World Literature I-II ( 3 CR) ( 3 CR) ENG 2053/2063, Gen Ed**  
**ENG 253-254 Survey of African-American Literature I-II ( 3 CR) ( 3 CR) ENG 3073, Gen Ed,**  
 Additional Area  
**ENG 255 Major Writers in World Literature ( 3 CR) ENG 4503, Additional Area**  
**ENG 256 Literature of Science Fiction ( 3 CR) ENG 4503, Additional Area**  
**ENG 257 Mythology ( 3 CR) ENG 4503, Additional Area**  
**ENG 261-262 Advanced Creative Writing I-II ( 3 CR) ( 3 CR) ENG 4403**  
**ENG 265 The Modern Short Story ( 3 CR) ENG 4503, Additional Area**  
**ENG 268 The Modern Drama ( 3 CR) THR 3063, Additional Area**  
**ENG 271-272 The Works of Shakespeare I-II ( 3 CR) ( 3 CR) ENG 4233, Additional Area**  
**ENG 273-274 Women in Literature I-II ( 3 CR) ( 3 CR) ENG 4503, Additional Area**  
**ENG 276 Southern Literature ( 3 CR) ENG 4503, Additional Area**  
**ENG 278 Appalachian Literature ( 3 CR) ENG 4503, Additional Area**  
**ENG 279 Film and Literature ( 3 CR) ENG 4503, Additional Area**  
**ENG 280 Writing User Manuals ( 3 CR) ENG 3063**  
**ENG 281-282 American Folklore I-II ( 3 CR) ( 3 CR) ENG 3073, Additional Area**  
**ENG 288 Appalachian Folklore ( 3 CR) ENG 4503, Additional Area**  
**ENG 291-292 Writing for the College Newspaper I-II ( 3 CR) ( 3 CR) COM 2073/2083**  
**ENGL 101 Comm Skill I (credits:3QH = 2SH) Elective Credit**  
**ENGL 102 Comm Skill II (credits 3QH = 2SH) Elective Credit**

#### **Environmental Science (ENV )**

**ENV 40 Basic Wastewater Licensure Review ( 1- 2 CR) Does not transfer; may be submitted for possible PST credit**

**ENV 47 Basic Water Licensure Review ( 1 CR) Does not transfer; may be submitted for possible PST credit**

**ENV 100 Basic Environmental Science ( 3 CR)** Elective Credit  
**ENV 101-102 Introduction to Environmental Technology I-II ( 3- 4 CR)( 3- 4 CR)** Gen Ed Science, Additional Area Science  
**ENV 108 Environmental Microbiology ( 3 CR)** Additional Area Science  
**ENV 110 Introduction to Water and Wastewater Treatment Tech ( 2- 3 CR)** Elective Credit  
**ENV 111-112 Principles of Water System Operation I-II ( 2- 3 CR)( 2- 3 CR)** Elective Credit  
**ENV 114 Water Quality Analysis ( 1 CR)** Elective Credit  
**ENV 115 Water Purification ( 2- 3 CR)** Elective Credit  
**ENV 126 Evaluating the Hazard Risk ( 3 CR)** Elective Credit  
**ENV 136 Survey of Environmental Concerns ( 3 CR)** Elective Credit  
**ENV 146 Advanced Wastewater Licensure Review ( 1- 2 CR)** Elective Credit  
**ENV 147 Advanced Water Licensure Review ( 1 CR)** Elective Credit  
**ENV 149 Wastewater Treatment Plant Operation ( 2- 3 CR)** Elective Credit  
**ENV 170 Fundamentals of Energy Technology ( 2 CR)** Elective Credit  
**ENV 181-182 Environmental Chemistry I-II ( 4 CR) ( 4 CR)** Gen Ed Science, Additional Area Science  
**ENV 183 OSHA Hazardous Waste Operations and Response ( 3 CR)** Elective Credit  
**ENV 211-212 Sanitary Biology and Chemistry I-II ( 3 CR) ( 3 CR)** Elective Credit  
**ENV 215 Sampling Techniques ( 3 CR)** Elective Credit  
**ENV 220 Environmental Problems ( 3 CR)** Elective Credit  
**ENV 227 Environmental Law ( 2- 3 CR)** Elective Credit  
**ENV 231 Environmental Codes I ( 3 CR)** Elective Credit  
**ENV 232 Environmental Codes II ( 3 CR)** Elective Credit  
**ENV 235 Soil Conservation and Spoils Management ( 3 CR)** Elective Credit

#### **Equine Management (EQU )**

**EQU 110 Fundamentals of Horse Management ( 3 CR)** Elective Credit  
**EQU 125 Current Issues in Equine Management ( 1- 2 CR)** Elective Credit  
**EQU 127 Horse Business Management and Marketing ( 2 CR)** Elective Credit  
**EQU 130 Grooming and Stable Management ( 2 CR)** Elective Credit  
**EQU 134 Equine Foot Care and Lameness ( 2 CR)** Elective Credit  
**EQU 136 Equine Health Care, Nutrition, and Breeding ( 3 CR)** Elective Credit  
**EQU 137 Equine Facilities Management ( 3 CR)** Elective Credit  
**EQU 140 Fundamentals of Equitation ( 3 CR)** Elective Credit  
**EQU 141 Intermediate Equitation ( 3 CR)** Elective Credit  
**EQU 142 Advanced Equitation ( 3 CR)** Elective Credit

#### **English as a Second Language (ESL )**

**ESL 01 English as a Second Language I ( 9-20 CR)** Does not transfer  
**ESL 02 English as a Second Language II ( 9-20 CR)** Does not transfer  
**ESL 03 English as a Second Language III ( 9-20 CR)** Does not transfer  
**ESL 04 English as a Second Language IV ( 9-20 CR)** Does not transfer  
**ESL 05 English as a Second Language: Reading I ( 3- 6 CR)** Does not transfer

**ESL 06 English as a Second Language: Reading II ( 3- 6 CR)** Does not transfer  
**ESL 07 Oral Communication I ( 3- 6 CR)** Does not transfer  
**ESL 08 Oral Communication II ( 3- 6 CR)** Does not transfer  
**ESL 09 Accent Reduction ( 3- 6 CR)** Does not transfer  
**ESL 11 English as a Second Language: Composition I ( 3- 6 CR)** Does not transfer; may be submitted for possible PST credit  
**ESL 12 English as a Second Language: Composition II ( 3- 6 CR)** Does not transfer; may be submitted for possible PST credit  
**ESL 13 English as a Second Language: Composition III ( 3- 6 CR)** Does not transfer; may be submitted for possible PST credit  
**ESL 14 ESL: Oral and Written Communications I ( 3- 6 CR)** Does not transfer; may be submitted for possible PST credit  
**ESL 15 ESL: Oral and Written Communications II ( 3- 6 CR)** Does not transfer; may be submitted for possible PST credit  
**ESL 16 ESL: Oral and Written Communications III ( 3- 6 CR)** Does not transfer; may be submitted for possible PST credit  
**ESL 17 English as a Second Language: Reading III ( 3- 6 CR)** Does not transfer; may be submitted for possible PST credit  
**ESL 18 English as a Second Language: Writing Workshop ( 3- 6 CR)** Does not transfer; may be submitted for possible PST credit  
**ESL 19 English as a Second Language: Spelling and Vocabulary ( 1- 5 CR)** Does not transfer; may be submitted for possible PST credit  
**ESL 20 Business Writing for ESL Students ( 3 CR)** Does not transfer; may be submitted for possible PST credit

#### **Electronics Servicing (ESR )**

**ESR 105 Video Techniques ( 3 CR)** Elective Credit  
**ESR 110 Introduction to Television Servicing ( 3 CR)** Elective Credit  
**ESR 111-112 Television Servicing I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit  
**ESR 120 Shop Skills and Safety ( 2- 3 CR)** Elective Credit  
**ESR 129 Radio Receiver Circuits ( 3- 4 CR)** Elective Credit  
**ESR 149 PC Repair ( 2- 3 CR)** Elective Credit  
**ESR 150 Software Configuration and Diagnostics ( 3- 4 CR)** Elective Credit  
**ESR 158 Electronic Circuits for Computers ( 3- 4 CR)** Elective Credit  
**ESR 159 Computer Peripherals ( 3- 4 CR)** Elective Credit  
**ESR 180 Personal Computer Networking ( 3- 4 CR)** Elective Credit  
**ESR 207 Television Systems ( 3- 4 CR)** Elective Credit  
**ESR 208 Principles of Video Recording and Playback ( 3- 4 CR)** Elective Credit  
**ESR 228 Computer Troubleshooting and Repair ( 3- 4 CR)** Elective Credit  
**ESR 236 Certification/License Preparation ( 2- 3 CR)** Elective Credit

**Electronics Technology (ETR )**

**ETR 11- 12 Troubleshooting Analysis, Electronics I-II ( 2 CR) ( 2 CR)** Does not transfer; may be submitted for possible PST credit

**ETR 21 Fundamentals and Devices ( 4 CR)** Does not transfer; may be submitted for possible PST credit

**ETR 22 A.C. Fundamentals and Devices ( 4 CR)** Does not transfer; may be submitted for possible PST credit

**ETR 31- 32 Electronics I-II ( 4 CR) ( 4 CR)** Does not transfer; may be submitted for possible PST credit

**ETR 41 Industrial Electronics I ( 5 CR)** Does not transfer; may be submitted for possible PST credit

**ETR 42 Industrial Electronics II ( 4 CR)** Does not transfer; may be submitted for possible PST credit

**ETR 50 Introduction to Microprocessors ( 2 CR)** Does not transfer; may be submitted for possible PST credit

**ETR 93 Studies In ( 1- 5 CR)** Does not transfer; may be submitted for possible PST credit

**ETR 100 Electronic Problem Solving Laboratory ( 1 CR)** Elective Credit

**ETR 101 Electrical/Electronic Calculations I ( 3- 4 CR)** Elective Credit

**ETR 102 Electrical/Electronic Calculations II ( 3- 4 CR)** Elective Credit

**ETR 104 Electronic Fundamentals with Computer Applications ( 4 CR)** Elective Credit

**ETR 106 Programming Methods for Electrical/Electronic Calcula. ( 2- 3 CR)** Elective Credit

**ETR 107 Programming Applications for ELE/ETR Calculations ( 3- 4 CR)** Elective Credit

**ETR 110 D.C. and A.C. Fundamentals ( 4- 5 CR)** Elective Credit

**ETR 111 Electronic Mathematics ( 2 CR)** Elective Credit

**ETR 112 Math Applications for ELE/ETR Analysis ( 2 CR)** Elective Credit

**ETR 113-114 D.C. and A.C. Fundamentals I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit

**ETR 115 D.C. and A.C. Circuits ( 3- 4 CR)** Elective Credit

**ETR 116 DC and AC Circuit Analysis ( 4 CR)** Elective Credit

**ETR 120 Shop Practices and Safety ( 2 CR)** Elective Credit

**ETR 121-122 Electronic Devices I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit

**ETR 123-124 Electronic Applications I-II ( 1- 2 CR)( 1- 2 CR)** Elective Credit

**ETR 126 Electronic Troubleshooting ( 2- 3 CR)** Elective Credit

**ETR 128 Elementary Diagrams ( 2 CR)** Elective Credit

**ETR 131-132 Electrical Circuits I-II ( 4- 5 CR)( 4- 5 CR)** Elective Credit

**ETR 135 Transducers ( 2 CR)** Elective Credit

**ETR 136 General Industrial Electronic Systems ( 3 CR)** Elective Credit

**ETR 138 Electronic Communications and Data Systems ( 4 CR)** Elective Credit

**ETR 141-142 Electronics I-II ( 3 CR) ( 3 CR)** Elective Credit

**ETR 143-144 Devices and Applications I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit

**ETR 145 Industrial Electricity Applications ( 2 CR)** Elective Credit

**ETR 146 Electronic Test and Measuring Equipment ( 4 CR)** Elective Credit

**ETR 147 Amplifiers ( 4 CR)** Elective Credit

**ETR 148 Amplifiers and Integrated Circuits ( 4 CR)** Elective Credit

**ETR 149 PC Repair ( 2- 3 CR) Elective Credit**  
**ETR 151-152 Electronic Circuits and Troubleshooting I-II ( 2 CR) ( 2 CR) Elective Credit**  
**ETR 156 Digital Circuits and Microprocessor Fundamentals ( 4 CR) Elective Credit**  
**ETR 158 Electronic Circuits for Computers ( 4 CR) Elective Credit**  
**ETR 159 Microcomputer Peripherals ( 4 CR) Elective Credit**  
**ETR 160 Survey of Microprocessors ( 4 CR) Elective Credit**  
**ETR 164 Upgrading and Maintaining PC Hardware ( 3 CR) Elective Credit**  
**ETR 166 Fundamentals of Computer Technology ( 3- 4 CR) Elective Credit**  
**ETR 167 Logic Circuits and Systems ( 3- 4 CR) Elective Credit**  
**ETR 168 Digital Circuit Fundamentals ( 2- 3 CR) Elective Credit**  
**ETR 169 Advanced Circuits and New Devices ( 2 CR) Elective Credit**  
**ETR 171-172 Computer Instrumentation I-II ( 3 CR) ( 3 CR) Elective Credit**  
**ETR 175 Engineering and Computer Applications ( 3- 4 CR) Elective Credit**  
**ETR 179 Digital Logic Circuits ( 3 CR) Elective Credit**  
**ETR 181-182 Introduction to Biomedical Electronics I-II ( 3 CR) ( 3 CR) Elective Credit**  
**ETR 193 Studies In . . . ( 1- 5 CR) Elective Credit**  
**ETR 202 Calculus for Electronics ( 3 CR) Elective Credit**  
**ETR 203-204 Electronic Devices I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**ETR 206 Logic Circuits and Systems I ( 2 CR) Elective Credit**  
**ETR 207 Logic Circuits and Systems II ( 2 CR) Elective Credit**  
**ETR 209 Computer Systems ( 4 CR) Elective Credit**  
**ETR 211-212 Electronics Diagnostics I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**ETR 214 Advanced Circuits and New Devices ( 2 CR) Elective Credit**  
**ETR 215 Network Analysis ( 3 CR) Elective Credit**  
**ETR 217 Network Analysis Lab ( 1 CR) Elective Credit**  
**ETR 218 Industrial Electronics Circuits ( 4 CR) Elective Credit**  
**ETR 219 Introduction to Electrical Machines ( 3 CR) Elective Credit**  
**ETR 221-222 Electronic Controls I-II ( 4 CR) ( 4 CR) Elective Credit**  
**ETR 223 Communications I ( 5 CR) Elective Credit**  
**ETR 224 Communications II ( 5 CR) Elective Credit**  
**ETR 225 Data Communications ( 4- 5 CR) Elective Credit**  
**ETR 226 Principles of Computer Systems I ( 4 CR) Elective Credit**  
**ETR 227 Principles of Computer Systems II ( 4 CR) Elective Credit**  
**ETR 228 Computer Troubleshooting and Repair ( 3- 4 CR) Elective Credit**  
**ETR 229 Digital Logic and Microprocessor Fundamentals ( 4 CR) Elective Credit**  
**ETR 231 Principles of Lasers and Fiber Optics I ( 3- 4 CR) Elective Credit**  
**ETR 232 Principles of Lasers and Fiber Optics II ( 3- 4 CR) Elective Credit**  
**ETR 233-234 Electronics Applications III-IV ( 1- 2 CR)( 1- 2 CR) Elective Credit**  
**ETR 235 Optical Electronics ( 2- 3 CR) Elective Credit**  
**ETR 237-238 Industrial Electronics I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**  
**ETR 239 Semiconductor Manufacturing and Process Technology ( 3- 4 CR) Elective Credit**  
**ETR 240 Principles of Communications ( 3- 4 CR) Elective Credit**  
**ETR 241-242 Electronic Communications I-II ( 3- 4 CR)( 3- 4 CR) Elective Credit**

**ETR 243-244 Digital, Analog, and Data Comm. Sys. I-II ( 4- 5 CR)( 4- 5 CR)** Elective Credit  
**ETR 245 Two-Way Communications ( 4 CR)** Elective Credit  
**ETR 246 Broadcast Systems ( 3 CR)** Elective Credit  
**ETR 247 Display Systems ( 3 CR)** Elective Credit  
**ETR 248 Test Instruments and Measurements ( 2 CR)** Elective Credit  
**ETR 249 Electrical Control Systems ( 4 CR)** Elective Credit  
**ETR 250 Solid State Circuits ( 4 CR)** Elective Credit  
**ETR 251-252 Electronic Devices and Circuit Analysis I-II ( 4- 5 CR)( 4- 5 CR)** Elective Credit  
**ETR 253 Semiconductor Manufacturing Equipment Technology I ( 3- 4 CR)** Elective Credit  
**ETR 254 Semiconductor Manufacturing Equipment Technology II ( 3- 4 CR)** Elective Credit  
**ETR 255 Active Devices and Circuits ( 3 CR)** Elective Credit  
**ETR 256-257 Devices and Circuit Design I-II-III ( 4 CR) ( 4 CR)** Elective Credit  
**ETR 258 Devices and Circuit Design III ( 4 CR)** Elective Credit  
**ETR 259 Linear Integrated Circuits ( 3- 4 CR)** Elective Credit  
**ETR 260 Electronic Circuits and Instrumentation ( 4- 5 CR)** Elective Credit  
**ETR 261-262 Microprocessor Application I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit  
**ETR 263 Microprocessor Application ( 4 CR)** Elective Credit  
**ETR 264 Microwave and Wireless Communications ( 3 CR)** Elective Credit  
**ETR 265 Advanced Microprocessors ( 4- 5 CR)** Elective Credit  
**ETR 266 Microprocessor Applications ( 4 CR)** Elective Credit  
**ETR 267-268 Microprocessor Applications I-II ( 3 CR) ( 3 CR)** Elective Credit  
**ETR 271-272 Microcomputer Electronics I-II ( 4 CR) ( 4 CR)** Elective Credit  
**ETR 273-274 Computer Electronics I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit  
**ETR 275 Computer Electronics III ( 3- 4 CR)** Elective Credit  
**ETR 278 Computer Interfacing and Circuitry ( 4 CR)** Elective Credit  
**ETR 279 Digital Principles, Terminology and Applications ( 4 CR)** Elective Credit  
**ETR 280 Introduction to Digital Logic Circuits and Computers ( 4 CR)** Elective Credit  
**ETR 281 Digital Systems ( 3 CR)** Elective Credit  
**ETR 282-283 Digital Systems I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit  
**ETR 284 Digital Communication ( 4 CR)** Elective Credit  
**ETR 285 Fundamentals of Microcomputer Repair ( 4 CR)** Elective Credit  
**ETR 286 Principles and Applications of Robotics ( 2- 3 CR)** Elective Credit  
**ETR 287 Principles and Applications of Robotics ( 4 CR)** Elective Credit  
**ETR 293 Mini-Computers ( 4 CR)** Elective Credit  
**ETR 294 Technical Certification ( 1- 2 CR)** Elective Credit

#### **Financial Services (FIN )**

**FIN 106 Trust Investments ( 3 CR)** Elective Credit  
**FIN 107 Personal Finance ( 3 CR) BUS 3523** BUS 3523  
**FIN 108 Principles of Securities Investment ( 3 CR)** Elective Credit  
**FIN 110 Principles of Banking ( 3 CR) BUS 3613** BUS 3613  
**FIN 111 Teller Training ( 3 CR)** Elective Credit  
**FIN 125 Law and Banking: Principles ( 3 CR)** Elective Credit

**FIN 127 Law and Banking: Applications ( 3 CR)** Elective Credit  
**FIN 141 Principles of Credit Union Operations I ( 3 CR)** Elective Credit  
**FIN 142 Principles of Credit Union Operations II ( 3 CR)** Elective Credit  
**FIN 150 Economics for Bankers ( 3 CR)** Elective Credit  
**FIN 157 Consumer Lending ( 2- 3 CR)** Elective Credit  
**FIN 160 Commercial Lending ( 3 CR)** Elective Credit  
**FIN 166 Credit Analysis ( 2- 3 CR)** Elective Credit  
**FIN 168 Mortgage Loan Servicing ( 2- 3 CR)** Elective Credit  
**FIN 175 Supervision: Concepts and Practices of Management ( 3 CR)** Elective Credit  
**FIN 205 Consumer Credit Analysis ( 3 CR)** Elective Credit  
**FIN 215 Financial Management ( 3 CR)** BUS 3513 BUS 3513  
**FIN 240 Money and Banking ( 3 CR)** BUS 3612 BUS 3612  
**FIN 248 International Finance ( 3 CR)** Elective Credit  
**FIN 256 Marketing for Bankers ( 3 CR)** Elective Credit  
**FIN 260 Financial Management for Small Business ( 2 CR)** Elective Credit

#### **Fire Science ( FIR )**

**FIR 100 Introduction to Fire Science ( 3 CR)** Elective Credit  
**FIR 105 Fire Suppression Operations ( 3 CR)** Elective Credit  
**FIR 110 Hazardous Materials for Protective Services ( 4 CR)** Elective Credit  
**FIR 111 Hazardous Materials Response ( 3 CR)** Elective Credit  
**FIR 112 Fundamentals of Hazardous Materials ( 3 CR)** Elective Credit  
**FIR 116 Fire Prevention Fundamentals ( 3 CR)** Elective Credit  
**FIR 125 Fire Service Administration ( 3 CR)** Elective Credit  
**FIR 135 Methods of Instruction ( 3 CR)** Elective Credit  
**FIR 140 Fire Officer I ( 4 CR)** Elective Credit  
**FIR 204 Fire Hydraulics and Distribution Systems Laboratory ( 1 CR)** Elective Credit  
**FIR 205 Fire Hydraulics and Distribution Systems ( 3- 4 CR)** Elective Credit  
**FIR 210 Fire Service and the Law ( 3 CR)** Elective Credit  
**FIR 211 Automatic Sprinkler System Design I ( 3 CR)** Elective Credit  
**FIR 212 Automatic Sprinkler System Design II ( 3 CR)** Elective Credit  
**FIR 215 Fire Suppression and Detection Systems ( 3 CR)** Elective Credit  
**FIR 220 Building Construction ( 3 CR)** Elective Credit  
**FIR 222 Building Construction and Codes ( 3 CR)** Elective Credit  
**FIR 230 Investigation Procedures ( 3 CR)** Elective Credit  
**FIR 234 Emergency Incident Management ( 3 CR)** Elective Credit  
**FIR 235 Fire Emergency Management ( 3 CR)** Elective Credit  
**FIR 237 Emergency Service Supervision ( 3 CR)** Elective Credit  
**FIR 238 Emergency Services Administration ( 3 CR)** Elective Credit  
**FIR 245 Urban Fire and Risk Analysis ( 3 CR)** Elective Credit  
**FIR 250 Fire Officer II ( 3 CR)** Elective Credit  
**FIR 255 Fire Officer III ( 3- 4 CR)** Elective Credit  
**FIR 256 Fire Suppression Systems and Equipment ( 3 CR)** Elective Credit

**FIR 257 Advanced Fire Protection Systems and Equipment ( 4 CR)** Elective Credit  
**FIR 260 Introduction to Fire Research ( 3 CR)** Elective Credit

**Funeral Services (FNS )**

**FNS 110 Introduction to Funeral Service ( 2 CR)** Elective Credit  
**FNS 111 Theory of Embalming I ( 3 CR)** Elective Credit  
**FNS 112 Theory of Embalming II ( 3 CR)** Elective Credit  
**FNS 113 Theory of Embalming Laboratory I ( 1 CR)** Elective Credit  
**FNS 114 Theory of Embalming Laboratory II ( 1 CR)** Elective Credit  
**FNS 121 Anatomy for Funeral Service I ( 3 CR)** Additional Area Science, Elective Credit (Not For Biology Majors)  
**FNS 122 Anatomy for Funeral Service II ( 4 CR)** Gen Ed Science, Additional Area Science, Elective Credit (Not For Biology Majors)  
**FNS 125 Microbiology for Funeral Service ( 3 CR)** Additional Area Science, Elective Credit (Not For Biology Major)  
**FNS 126 Pathology for Funeral Service ( 3 CR)** Elective Credit  
**FNS 211 Restorative Art I ( 3 CR)** Elective Credit  
**FNS 212 Restorative Art II ( 3 CR)** Elective Credit  
**FNS 231 Principles of Funeral Management I ( 4 CR)** Elective Credit  
**FNS 232 Principles of Funeral Management II ( 4 CR)** Elective Credit  
**FNS 236 Funeral Service Law ( 2 CR)** Elective Credit  
**FNS 245 Ethics ( 3 CR)** Elective Credit  
**FNS 270 Funeral Service Review ( 3 CR)** Elective Credit

**Forestry (FOR )**

**FOR 100 Introduction to Forestry ( 3- 4 CR)**  
**FOR 105 Forest and Wildlife Ecology ( 4 CR)** Gen Ed Science, Additional Area Science, Elective Credit  
**FOR 115 Dendrology ( 4 CR)** Gen Ed Science, Additional Area Science, Elective Credit  
**FOR 125 Forest Fire Control ( 1 CR)** Elective Credit  
**FOR 135 Wildlife and Fisheries Management ( 4 CR)** Elective Credit  
**FOR 136 Habitat and Food Plant Identification ( 3 CR)** Elective Credit  
**FOR 201 Forest Mensuration I ( 4 CR)** Elective Credit  
**FOR 202 Forest Mensuration II ( 4 CR)** Elective Credit  
**FOR 211 Wildlife Investigational Techniques I ( 3 CR)** Elective Credit  
**FOR 215 Applied Silviculture ( 4 CR)** Elective Credit  
**FOR 227 Timber Harvesting ( 5 CR)** Elective Credit  
**FOR 229 Sawmilling ( 5 CR)** Elective Credit  
**FOR 235 Game Fish Ecology ( 2 CR)** Elective Credit  
**FOR 237 Wildlife Ecology ( 3 CR)** Elective Credit  
**FOR 245 Forest Products I ( 2 CR)** Elective Credit  
**FOR 265 Urban Forestry ( 4 CR)** Elective Credit

## **French (FRE )**

**For Foreign Language requirement for a B.A. at Bluefield College, student needs 6 hrs. of second year college-level foreign language or four years of high school foreign language.**

**FRE 17 French for the Tourist ( 2- 3 CR) Does not transfer; may be submitted for possible PST credit**

**FRE 101-102 Beginning French I-II ( 4- 5 CR)( 4- 5 CR) Elective Credit**

**FRE 103-104 Basic Spoken French I-II ( 3 CR) ( 3 CR) Satisfies BC Lang. Req.**

**FRE 111-112 Conversation in French I-II ( 3 CR) ( 3 CR) Satisfies BC Lang. Req.**

**FRE 201-202 Intermediate French I-II ( 3- 4 CR)( 3- 4 CR) Satisfies BC Lang. Req.**

**FRE 203-204 Intermediate French I-II ( 3 CR) ( 3 CR) Satisfies BC Lang. Req.**

**FRE 211-212 Intermediate French Conversation I-II ( 3 CR) ( 3 CR) Satisfies BC Lang. Req.**

## **Furniture and Upholstery (FUR )**

**FUR 120 Introduction to Furniture Processes ( 3 CR) Elective Credit**

**FUR 125 Furniture Enterprise ( 3 CR) Elective Credit**

**FUR 126 Furniture Machining & Tools ( 3 CR) Elective Credit**

**FUR 127 Furniture Plant Maintenance ( 3 CR) Elective Credit**

**FUR 128 Furniture Construction: Casegoods & Upholstery ( 3 CR) Elective Credit**

**FUR 129 Furniture Finishing & Repair ( 3 CR) Elective Credit**

## **Geography (GEO )\***

**\*All Geography courses are transferred as a social science to meet the Gen Ed requirement or the Additional Area requirement.**

**GEO 200 Introduction to Physical Geography ( 3 CR) Elective Credit**

**GEO 210 People and the Land: Intro to Cultural Geography ( 3 CR) GEO 2033**

**GEO 220 World Regional Geography ( 3 CR) Elective Credit**

**GEO 221-222 Regions of the World I-II ( 3 CR) ( 3 CR) Elective Credit**

**GEO 225 Economic Geography ( 3 CR) Elective Credit**

**GEO 230 Political Geography ( 3 CR) Elective Credit**

## **German (GER )**

**For Foreign Language requirement for a B.A. at Bluefield College, student needs 6 hrs. of second year college-level foreign language or four years of high school foreign language.**

**GER 17 German for the Tourist ( 2- 3 CR)**

**GER 101-102 Beginning German I-II ( 4- 5 CR)( 4- 5 CR) Elective Credit**

**GER 103-104 Basic Spoken German I-II ( 3 CR) ( 3 CR) Elective Credit**

**GER 111-112 Conversation in German I-II ( 3 CR) ( 3 CR) Satisfies BC Language Req.**

**GER 201-202 Intermediate German I-II ( 3- 4 CR)( 3- 4 CR) Satisfies BC Language Req.**

**GER 241-242 Intermediate German Composition I-II ( 3 CR) ( 3 CR) Satisfies BC Language Req.**

**GER 251-252 German Culture and Civilization I-II ( 3 CR) ( 3 CR) Elective Credit**

### **Geographical Information Systems (GIS )**

**GIS 200 Geographical Information Systems I ( 4 CR) Elective Credit**

**GIS 201 Geographical Information Systems II ( 4 CR) Elective Credit**

### **Glazier Technology (GLZ ) Elective Credit**

**GLZ 100 Introduction to the Glass Industry ( 2 CR) Elective Credit**

**GLZ 110 Glass Trade Products ( 2 CR) Elective Credit**

**GLZ 125 Safety Glazing Codes ( 2 CR) Elective Credit**

**GLZ 135 Glass & Plastics Cutting/Fabrication ( 3 CR) Elective Credit**

**GLZ 141 Commercial Glass Fabrication and Installation I ( 2 CR) Elective Credit**

**GLZ 142 Commercial Glass Fabrication and Installation II ( 2 CR) Elective Credit**

### **Geology (GOL )**

**GOL 105 Physical Geology ( 4 CR) Gen Ed Science, Additional Area Science**

**GOL 106 Historical Geology ( 4 CR) Gen Ed Science, Additional Area Science**

**GOL 110 Earth Science ( 4 CR) PHS 1034, Gen Ed Science, Additional Area Science**

**GOL 111-112 Oceanography I-II ( 4 CR) ( 4 CR) Gen Ed Science, Additional Area Science**

**GOL 135 Field Studies in Geology ( 1- 2 CR) Elective Credit**

**GOL 207 Mineralogy ( 4 CR) Gen Ed Science, Additional Area Science**

**GOL 225 Environmental Geology ( 4 CR) Elective Credit**

### **Greek (GRE )**

**For Foreign Language requirement for a B.A. at Bluefield College, student needs 6 hrs. of second year college-level foreign language or four years of high school foreign language.**

**GRE 101-102 Introduction to Ancient Greek I-II ( 3 CR) ( 3 CR) Elective Credit**

**GRE 201-202 Intermediate Ancient Greek I-II (3 CR) ( 3 CR) Satisfies BC Lang. Req.**

### **Ground Water Resources (GWR )**

**GWR 105 Map and Air-Photo Interpretation ( 4 CR) Elective Credit**

### **Health Care Technology (HCT )**

**HCT 100 Introduction to Health Care Occupations ( 2- 3 CR) Elective Credit**

**HCT 101 Health Care Technician I ( 3- 4 CR) Elective Credit**

**HCT 102 Health Care Technician II ( 3- 4 CR) Elective Credit**

**HCT 110 Therapeutic Communication in the Health Care Setting ( 3 CR) Elective Credit**

**HCT 115 Medication Administration Training ( 2- 3 CR) Elective Credit**

**HCT 117 Common Crises of Problem Behavior ( 3 CR) Elective Credit**

**HCT 119 Advanced Health Care Technician ( 4 CR) Elective Credit**

### **History (HIS )\***

**HIS 101-102 History of Western Civilization I-II ( 3 CR) ( 3 CR) HIS 1033/1043**

**HIS 111-112 History of World Civilization I-II ( 3 CR) ( 3 CR) HIS 1033/1043**

**HIS 121-122 United States History I-II ( 3 CR) ( 3 CR) HIS 2013/2023**

**HIS 125 History of the American Indian ( 3 CR)** Additional Area History  
**HIS 135 History of the Contemporary World ( 3 CR)** Additional Area History  
**HIS 141-142 African-American History I-II ( 3 CR) ( 3 CR)** Additional Area History  
**HIS 155 Life in Colonial Virginia ( 3 CR)** Additional Area History  
**HIS 165 Genealogy ( 3 CR)** Elective Credit  
**HIS 180 Historical Archaeology ( 3 CR)** Additional Area History  
**HIS 181 History and Theory of Historic Preservation ( 3 CR)** Additional Area History  
**HIS 183 Survey of Museum Practice ( 3 CR)** Additional Area History  
**HIS 186 Collections Management ( 3 CR)** Additional Area History  
**HIS 187 Interpreting Material Culture ( 3 CR)** Additional Area History  
**HIS 188 Field Survey Techniques for Archaeology ( 3 CR)** Additional Area History  
**HIS 203 History of African Civilization ( 3 CR)** Additional Area History  
**HIS 205 Local History ( 3 CR)** Additional Area History  
**HIS 211 History of England ( 3 CR)** Additional Area History  
**HIS 225-226 Topics in European History I-II ( 3 CR) ( 3 CR)** Additional Area History  
**HIS 231-232 History of Latin American Civilizations I-II ( 3 CR) ( 3 CR)** Additional Area History  
**HIS 241-242 History of Russia I-II ( 3 CR) ( 3 CR)** Additional Area History  
**HIS 243-244 History of the Ancient World I-II ( 3 CR) ( 3 CR)** Both semesters required for equivalency to HIS 3073; either semester meets Additional Area History or Elective Credit  
**HIS 251-252 History of Middle East Civilization I-II ( 3 CR) ( 3 CR)** Both semesters required for equivalency to HIS 4023; either semester meets Additional Area History or elective credit  
**HIS 253-254 History of Asian Civilizations I-II ( 3 CR) ( 3 CR)** Additional Area History  
**HIS 255 History of Chinese Culture and Institutions ( 3 CR)** Additional Area History  
**HIS 256 History of Japanese Culture and Institutions ( 3 CR)** Additional Area History  
**HIS 261 Topics in Cultural Ethnicity I ( 3 CR)** Additional Area History  
**HIS 262 United States History in Film ( 3 CR)** Additional Area History  
**HIS 265 History of the Old South ( 3 CR)** Additional Area History  
**HIS 266 Military History of the Civil War ( 3 CR)** Additional Area History  
**HIS 267 The Second World War ( 3 CR)** Additional Area History  
**HIS 268 The American Constitution ( 3 CR)** Additional Area History  
**HIS 269 Civil War and Reconstruction ( 3 CR)** Additional Area History  
**HIS 270 America in the Gilded Age ( 3 CR)** Additional Area History  
**HIS 276 United States History Since World War II ( 3 CR)** Additional Area History  
**HIS 277 The American Experience in Vietnam ( 3 CR)** Additional Area History  
**HIS 279 Age of the American Revolution ( 3 CR)** Additional Area History  
**HIS 281-282 History of Virginia I-II ( 3 CR) ( 3 CR)** Both semesters are required for equivalency to HIS 3193; either semester meets Additional Area History or Elective Credit  
**HIST 111 U S Hist I (credits: 3QH = 2SH)** Elective Credit

#### **Health Information Technology (HIT )**

**HIT 100 Introduction to the Health Care Delivery System ( 1 CR)** Elective Credit  
**HIT 101 Health Information Technology I ( 4 CR)** Elective Credit  
**HIT 103 Health Information Technology II ( 2 CR)** Elective Credit

**HIT 105 Current Procedural Terminology ( 2 CR) Elective Credit**  
**HIT 106 International Classification of Diseases I ( 2 CR) Elective Credit**  
**HIT 107 International Classification of Diseases II ( 2- 3 CR) Elective Credit**  
**HIT 110 Introduction to Human Pathology ( 3 CR) Elective Credit**  
**HIT 111-112 Medical Terminology I-II ( 3 CR) ( 3 CR) BIO 1231**  
**HIT 113-114 Medical Terminology and Disease Processes I-II ( 3 CR) ( 3 CR) BIO 1231**  
**HIT 115 Ambulatory Coding and Classification ( 3 CR) Elective Credit**  
**HIT 121-122 Medical Transcription I-II ( 4 CR) ( 4 CR) Elective Credit**  
**HIT 125 Medical Report Transcription ( 3 CR) Elective Credit**  
**HIT 128 Medical Transcription in Health Information Technology ( 1 CR) Elective Credit**  
**HIT 130 Healthcare Information Systems ( 3 CR) Elective Credit**  
**HIT 131 Health Information Procedures ( 3 CR) Elective Credit**  
**HIT 141-142 Fundamentals of Health Information Systems I-II ( 3 CR) ( 3 CR) Elective Credit**  
**HIT 143 Managing Electronic Billing in a Medical Practice ( 2- 3 CR) Elective Credit**  
**HIT 149 Introduction to Medical Practice Management ( 2 CR) Elective Credit**  
**HIT 150 Health Records Management ( 3 CR) Elective Credit**  
**HIT 151 Reimbursement Issues in Medical Practice Management ( 2 CR) Elective Credit**  
**HIT 163 Anatomy and Physiology for Medical Transcriptionists ( 3 CR) Elective Credit**  
**HIT 164 Basic Pharmacology for Medical Transcriptionists ( 3 CR) Elective Credit**  
**HIT 215 Health Data Classification Systems ( 5 CR) Elective Credit**  
**HIT 220 Health Statistics ( 2 CR) Elective Credit**  
**HIT 226 Legal Aspects of Health Record Documentation ( 2 CR) Elective Credit**  
**HIT 228 Accreditation Standards in Health Information Tech. ( 1 CR) Elective Credit**  
**HIT 229 Performance Improvement in Health Care Settings ( 2 CR) Elective Credit**  
**HIT 230 Information Systems and Technology in Health Care ( 3 CR) Elective Credit**  
**HIT 231-232 Health Record Applications I-II ( 3 CR) ( 3 CR) Elective Credit**  
**HIT 249 Supervision and Management Practices ( 3 CR) Elective Credit**  
**HIT 250 Health Data Classification Systems I: ICD-9-CM ( 4 CR) Elective Credit**  
**HIT 251 Clinical Practice I ( 3 CR) Elective Credit**  
**HIT 251-252 Clinical Practice I-II ( 3 CR) ( 3 CR) Elective Credit**  
**HIT 253 Health Records Coding ( 4- 5 CR) Elective Credit**  
**HIT 254 Advanced Coding and Reimbursement ( 3- 4 CR) Elective Credit**  
**HIT 255 Health Data Classification Systems II: CPT ( 2 CR) Elective Credit**  
**HIT 260 Pharmacology for Health Information Technology ( 2 CR) Elective Credit**

#### **Health (HLT )**

**HLT 85 First Aid and CPR for Child Care Assistants ( 3 CR) Does not transfer; may be submitted for possible PST credit**  
**HLT 100 First Aid and Cardiopulmonary Resuscitation ( 2- 3 CR) HEA 3003**  
**HLT 104 CPR Training for Instructor Trainers ( 1 CR) Elective Credit**  
**HLT 105 Cardiopulmonary Resuscitation ( 1 CR) Elective Credit**  
**HLT 106 First Aid and Safety ( 2 CR) Elective Credit**  
**HLT 109 CPR Recertification ( 1 CR) Elective Credit**

**HLT 110 Concepts of Personal and Community Health ( 2- 3 CR) HEA 2003**  
**HLT 116 Introduction to Personal Wellness Concepts ( 2- 3 CR) HEA 2003**  
**HLT 117 Individual Health Awareness ( 3 CR) Elective Credit**  
**HLT 119 First Responder ( 3 CR) HEA 3003**  
**HLT 121 Introduction to Drug Use and Abuse ( 3 CR) Elective Credit**  
**HLT 122 Introduction to Alcohol Abuse and Control ( 1 CR) Elective Credit**  
**HLT 130 Nutrition and Diet Therapy ( 1- 2 CR) Elective Credit**  
**HLT 135 Child Health and Nutrition ( 3 CR) Elective Credit**  
**HLT 138 Principles of Nutrition ( 1- 2 CR) Elective Credit**  
**HLT 140 Orientation to Health Related Professions ( 2 CR) Elective Credit**  
**HLT 141 Introduction to Medical Terminology ( 1- 2 CR) Elective Credit**  
**HLT 143-144 Medical Terminology I-II ( 3 CR) ( 3 CR) BIO 1231**  
**HLT 145 Ethics for Health Care Personnel ( 2 CR) Elective Credit**  
**HLT 155 Current Issues and Health Care ( 2 CR) Elective Credit**  
**HLT 156 Health Care for Athletic Injuries ( 2- 3 CR) Elective Credit**  
**HLT 160 Personal Health and Fitness ( 3 CR) ESS 1351**  
**HLT 165 Pharmacology ( 2 CR) Elective Credit**  
**HLT 170 Introduction to Massage ( 1 CR) Elective Credit**  
**HLT 175 Swimming Pool Management ( 1- 2 CR) Elective Credit**  
**HLT 180 Therapeutic Massage I ( 3 CR) Elective Credit**  
**HLT 200 Human Sexuality ( 3 CR) HEA 3413**  
**HLT 204 Women's Health ( 3 CR) Elective Credit**  
**HLT 205 Sex Roles in Contemporary America ( 3 CR) Elective Credit**  
**HLT 206 Exercise Science ( 3 CR) Elective Credit**  
**HLT 208 Fitness and Exercise Training ( 3 CR) Elective Credit**  
**HLT 215 Personal Stress and Stress Management ( 2- 3 CR) HEA 3523 if 3 SH**  
**HLT 220 Concepts of Disease ( 3 CR) Elective Credit**  
**HLT 226 Aids Awareness ( 2 CR) Elective Credit**  
**HLT 230 Principles of Nutrition and Human Development ( 3 CR) HEA3513**  
**HLT 240 Consumer Health Education ( 3 CR) Elective Credit**  
**HLT 247 Health and Safety in Industry Settings ( 2 CR) Elective Credit**  
**HLT 250 General Pharmacology ( 2- 3 CR) Elective Credit**  
**HLT 261-262 Basic Pharmacy I-II ( 3 CR) ( 3 CR) Elective Credit**  
**HLT 263-264 Basic Pharmacy I-II Lab ( 1 CR) ( 1 CR) Elective Credit**  
**HLT 270 Health and Well-Being of the Older Adult ( 3 CR) Elective Credit**  
**HLT 271 Physical Care Management of the Older Adult ( 3 CR) Elective Credit**  
**HLT 272 Medical Management of the Older Adult ( 3 CR) Elective Credit**  
**HLT 280 Therapeutic Massage II ( 3 CR) Elective Credit**  
**HLT 281 Therapeutic Massage III ( 3 CR) Elective Credit**  
**HLTH 100 Orient All Hea (credits: 1QH = .66SH) Elective Credit**  
**HLTH 104 First Aid (credits: 2QH = 1.33SH) Elective Credit**

### **Human Services (HMS )**

- HMS 100 Introduction to Human Services ( 3 CR)** Elective Credit
- HMS 106 Working With Death and Dying ( 3 CR)** Elective Credit
- HMS 109 Structured Career Planning in Human Services ( 3 CR)** Elective Credit
- HMS 121 Basic Counseling Skills I ( 3 CR)** Elective Credit
- HMS 122 Basic Counseling Skills II ( 3 CR)** Elective Credit
- HMS 138 Activities with the Geriatric Client ( 3 CR)** Elective Credit
- HMS 139 Community Resources and Services ( 3 CR)** Elective Credit
- HMS 141 Group Dynamics I ( 3 CR)** Elective Credit
- HMS 142 Group Dynamics II ( 3 CR)** Elective Credit
- HMS 145 Effects of Psychoactive Drugs ( 3 CR)** Elective Credit
- HMS 150 Activities Documentation and Programming ( 3 CR)** Elective Credit
- HMS 160 Survey of Mental Health Services in Virginia ( 3 CR)** Elective Credit
- HMS 161 Professional Skill Development for Human Services ( 3 CR)** Elective Credit
- HMS 162 Communication Skills for Human Services Professionals ( 3 CR)** Elective Credit
- HMS 170 Creativity and Youth Engagement ( 3 CR)** Elective Credit
- HMS 171 Advancing Youth Development ( 2 CR)** Elective Credit
- HMS 220 Addiction and Prevention ( 3 CR) HEA 4003** Elective Credit
- HMS 225 Functional Family Intervention ( 3 CR)** Elective Credit
- HMS 226 Helping Across Cultures ( 3 CR)** Elective Credit
- HMS 227 The Helper as a Change Agent ( 3 CR)** Elective Credit
- HMS 228 Productive Problem-Solving ( 3 CR)** Elective Credit
- HMS 230 Assessment Techniques for Care Managers ( 3 CR)** Elective Credit
- HMS 231-232 Gerontology I-II ( 3 CR) ( 3 CR)** Additional Area Social Science

### **Hotel-Restaurant-Institutional Management (HRI )**

- HRI 80 Introduction to Food Service Assisting ( 3 CR)** Does not transfer; may be submitted for possible PST credit
- HRI 83 Food Service Assisting ( 4 CR)** Does not transfer; may be submitted for possible PST credit
- HRI 85 Introduction to Food Preparation Assisting ( 4 CR)** Does not transfer; may be submitted for possible PST credit
- HRI 86 Food Preparation Assisting ( 4 CR)** Does not transfer; may be submitted for possible PST credit
- HRI 101-102 Hotel-Restaurant Organization and Management I-II ( 3 CR) ( 3 CR)** Elective Credit
- HRI 105 Introduction to Culinary Arts ( 1 CR)** Elective Credit
- HRI 106-107 Principles of Culinary Arts I-II ( 3 CR) ( 3 CR)** Elective Credit
- HRI 115 Food Service Managers Sanitation Certification ( 1 CR)** Elective Credit
- HRI 119 Applied Nutrition for Food Service ( 3 CR)** Elective Credit
- HRI 120 Principles of Food Preparation ( 4 CR)** Elective Credit
- HRI 125 Principles of Commercial Food Preparation ( 3 CR)** Elective Credit
- HRI 126 The Art of Garnishing ( 1 CR)** Elective Credit
- HRI 128 Principles of Baking ( 3 CR)** Elective Credit

**HRI 130 Food Service Administration ( 9 CR)** Elective Credit  
**HRI 131 Food Service Management Automated Recordskeeper ( 6 CR)** Elective Credit  
**HRI 134 Food and Beverage Service Management ( 3 CR)** Elective Credit  
**HRI 138 Commercial Food Production Management ( 3 CR)** Elective Credit  
**HRI 140 Fundamentals of Quality for the Hospitality Industry ( 3 CR)** Elective Credit  
**HRI 145 Garden Manger ( 3 CR)** Elective Credit  
**HRI 150 Introduction to Hospitality Ownership ( 3 CR)** Elective Credit  
**HRI 154 Principles of Hospitality Management ( 3 CR)** Elective Credit  
**HRI 158 Sanitation and Safety ( 3 CR)** Elective Credit  
**HRI 159 Introduction to Hospitality Industry Computer Systems ( 4 CR)** Elective Credit  
**HRI 160 Executive Housekeeping ( 3 CR)** Elective Credit  
**HRI 165 Hotel Housekeeping and Engineering Management ( 4 CR)** Elective Credit  
**HRI 180 Convention Management and Service ( 3 CR)** Elective Credit  
**HRI 205 Fundamentals of Wine ( 2- 3 CR)** Elective Credit  
**HRI 206 International Cuisine ( 3 CR)** Elective Credit  
**HRI 207 American Regional Cuisine ( 3 CR)** Elective Credit  
**HRI 215 Food Purchasing ( 3 CR)** Elective Credit  
**HRI 218 Fruit, Vegetable, and Starch Preparation ( 3 CR)** Elective Credit  
**HRI 219 Stock, Soup, and Sauce Preparation ( 3 CR)** Elective Credit  
**HRI 220 Meat, Seafood and Poultry Preparation ( 3 CR)** Elective Credit  
**HRI 224 Recipe and Menu Management ( 3 CR)** Elective Credit  
**HRI 225 Menu Planning and Dining Room Service ( 3 CR)** Elective Credit  
**HRI 226 Nutritional Analysis of Menus ( 1 CR)** Elective Credit  
**HRI 228 Food Production Operations ( 3 CR)** Elective Credit  
**HRI 235 Marketing of Hospitality Services ( 3 CR)** Elective Credit  
**HRI 245 Labor Cost Control ( 3 CR)** Elective Credit  
**HRI 251-252 Food and Beverage Cost Control I-II ( 3 CR) ( 3 CR)** Elective Credit  
**HRI 255 Human Res. Mgmt, and Trng. for Hospi. and Tourism ( 3 CR)** Elective Credit  
**HRI 256 Principles and Applications of Catering ( 2- 3 CR)** Elective Credit  
**HRI 257 Catering Management ( 3 CR)** Elective Credit  
**HRI 258 Quality Management for Culinaricians ( 1 CR)** Elective Credit  
**HRI 265 Hotel Front Office Operations ( 3 CR)** Elective Credit  
**HRI 270 Strategic Lodging Management ( 3 CR)** Elective Credit  
**HRI 275 Hospitality Law ( 3 CR)** Elective Credit

#### **Horticulture (HRT )**

**HRT 100 Introduction to Horticulture ( 3 CR)** Elective Credit  
**HRT 106 Practical Horticulture ( 1 CR)** Elective Credit  
**HRT 108 Plant Identification ( 2 CR)** Elective Credit  
**HRT 110 Principles of Horticulture ( 3 CR)** Elective Credit  
**HRT 111 Landscape Horticulture ( 3 CR)** Elective Credit  
**HRT 115 Plant Propagation ( 3 CR)** Elective Credit  
**HRT 116 Home Horticulture ( 3 CR)** Elective Credit

**HRT 117 Tools and Equipment ( 2 CR)** Elective Credit  
**HRT 118 Turf Pests ( 2 CR)** Elective Credit  
**HRT 119 Irrigation Systems for Turf and Ornamentals ( 3 CR)** Elective Credit  
**HRT 120 History of Garden Design ( 3 CR)** Elective Credit  
**HRT 121 Greenhouse Crop Production I ( 3 CR)** Elective Credit  
**HRT 122 Greenhouse Crop Production II ( 3 CR)** Elective Credit  
**HRT 125 Chemicals in Horticulture ( 3 CR)** Elective Credit  
**HRT 126 Home Landscaping ( 3 CR)** Elective Credit  
**HRT 127 Horticultural Botany ( 3 CR)** Additional Area Science  
**HRT 129 Historic Landscape Gardening ( 3 CR)** Elective Credit  
**HRT 130 Introduction to Biointensive Mini-Farming ( 3 CR)** Elective Credit  
**HRT 134 Four Season Food Production ( 3 CR)** Elective Credit  
**HRT 137 Environmental Factors in Plant Growth ( 3 CR)** Elective Credit  
**HRT 150 Theory of Landscape Design ( 3 CR)** Elective Credit  
**HRT 201-202 Landscape Plants I-II ( 3- 4 CR)( 3- 4 CR)** Elective Credit  
**HRT 205 Soils ( 3 CR)** Elective Credit  
**HRT 206 Pesticides in Horticulture ( 2 CR)** Elective Credit  
**HRT 207 Plant Pest Management ( 3 CR)** Elective Credit  
**HRT 225 Nursery and Garden Center Management ( 3 CR)** Elective Credit  
**HRT 226 Greenhouse Management ( 3 CR)** Elective Credit  
**HRT 227 Professional Landscape Management ( 3 CR)** Elective Credit  
**HRT 228 Turfgrass Management I ( 3 CR)** Elective Credit  
**HRT 229 Turfgrass Management II ( 3 CR)** Elective Credit  
**HRT 230 Site Analysis ( 2 CR)** Elective Credit  
**HRT 231 Planting Design I ( 3 CR)** Elective Credit  
**HRT 232 Planting Design II ( 3 CR)** Elective Credit  
**HRT 233 Landscape Drawing Applications ( 3 CR)** Elective Credit  
**HRT 234 Advanced Landscape Drawing Applications ( 3 CR)** Elective Credit

#### **Humanities (HUM )**

**HUM 100 Survey of the Humanities ( 3 CR)** Elective Credit  
**HUM 105 Technology and the Liberal Arts ( 3 CR)** Elective Credit  
**HUM 111-112 Great Books I-II ( 3 CR) ( 3 CR)** Elective Credit  
**HUM 150 Introduction to Viet Nam ( 3 CR)** Elective Credit  
**HUM 165 Controversial Issues in Contemporary American Culture ( 3 CR)** Elective Credit  
**HUM 201 Survey of Western Culture I ( 3 CR)** Elective Credit  
**HUM 202 Survey of Western Culture II ( 3 CR)** Elective Credit  
**HUM 210 Introduction to Women's Studies ( 3 CR)** Elective Credit  
**HUM 211-212 Survey of American Culture I-II ( 3 CR) ( 3 CR)** Elective Credit  
**HUM 220 Introduction to African American Studies ( 3 CR)** Elective Credit  
**HUM 235 Filipino-American Culture ( 3 CR)** Elective Credit  
**HUM 241-242 Interdisciplinary Principles of the Humanities I-II ( 3 CR) ( 3 CR)** Elective Credit  
**HUM 246 Creative Thinking ( 3 CR)** Elective Credit

**HUM 247 Chronicles of the Sea ( 3- 5 CR) Elective Credit**  
**HUM 256 Mythology in Literature and the Arts ( 3 CR) Elective Credit**  
**HUM 259 Greek Mythology ( 3 CR) Elective Credit**  
**HUM 260 Survey of Twentieth-Century Culture ( 3 CR) Elective Credit**

**Heavy Equipment Technology (HVE )**

**HVE 120-121 Track Type Tractor Operation I-II ( 8 CR) ( 7 CR) Elective Credit**  
**HVE 130-131 Rubber Tire and Track Loader Operation ( 8 CR) ( 7 CR) Elective Credit**  
**HVE 140-141 Backhoe and Hydraulic Excavator Operation I-II ( 8 CR) ( 7 CR) Elective Credit**  
**HVE 150-151 Motor Grader Operation I-II ( 8 CR) ( 7 CR) Elective Credit**  
**HVE 161-162 Heavy Equipment Operation I-II ( 7 CR) (10 CR) Elective Credit**

**Hemodialysis Technology (DIA) Elective Credit**

**DIA100 Introduction to Hemodialysis Technology (4 CR) Elective Credit**  
**DIA120 Hemodialysis for Special Populations (4CR) Elective Credit**  
**DIA130 Trends in Hemodialysis (3CR) Elective Credit**

**Interior Design (IDS )**

**IDS 100 Theory and Techniques of Interior Design ( 3 CR) Elective Credit**  
**IDS 105 Architectural Drafting for Interior Design ( 3 CR) Elective Credit**  
**IDS 106 Three Dimensional Drawing and Rendering ( 3 CR) Elective Credit**  
**IDS 109 Styles of Furniture and Interiors ( 3 CR) Elective Credit**  
**IDS 116 Period Residential Design ( 4 CR) Elective Credit**  
**IDS 120 Estimation for Interior Coverings ( 3 CR) Elective Credit**  
**IDS 121 Styles of Furniture and Interiors I ( 3 CR) Elective Credit**  
**IDS 122 Styles of Furniture and Interiors II ( 3 CR) Elective Credit**  
**IDS 205 Materials and Sources ( 3 CR) Elective Credit**  
**IDS 206 Lighting and Furnishings ( 3 CR) Elective Credit**  
**IDS 215 Theory and Research in Commercial Design ( 3 CR) Elective Credit**  
**IDS 217 Advanced Rendering and Presentation ( 3 CR) Elective Credit**  
**IDS 221 Designing Commercial Interiors I ( 4 CR) Elective Credit**  
**IDS 222 Designing Commercial Interiors II ( 4 CR) Elective Credit**  
**IDS 225 Business Procedures ( 3 CR) Elective Credit**  
**IDS 235 Antiques ( 3 CR) Elective Credit**  
**IDS 245 Computer Aided Drafting for Interior Designers ( 3 CR) Elective Credit**

**Other Industrial Distribution Technology (IDT )**

**IDT 100 Introduction to Industrial Distribution ( 3 CR) Elective Credit**  
**IDT 205 Industrial Distributor Operations ( 3 CR) Elective Credit**  
**IDT 215 Industrial Distribution Communications ( 3 CR) Elective Credit**

**Industrial Engineering Technology (IND )**

**IND 25 Quality Assurance ( 2 CR)** Does not transfer; may be submitted for possible PST credit

**IND 31- 32 Materials and Processes of Industry I-II ( 2 CR) ( 2 CR)** Does not transfer; may be submitted for possible PST credit

**IND 100 Basic Programming for Industrial Technicians ( 2 CR)** Elective Credit

**IND 101-102 Quality Assurance Technology I-II ( 3 CR) ( 3 CR)** Elective Credit

**IND 103 Industrial Methods ( 1- 2 CR)** Elective Credit

**IND 106 Industrial Engineering Technology ( 3 CR)** Elective Credit

**IND 108 Technical Computer Applications ( 3 CR)** Elective Credit

**IND 109 Force, Mass, & Torque Measurement ( 2 CR)** Elective Credit

**IND 113-114 Materials and Processes in Manufacturing I-II ( 2- 3 CR)( 2- 3 CR)** Elective Credit

**IND 115 Materials and Processes of Industry ( 4 CR)** Elective Credit

**IND 116 Applied Technology ( 3 CR)** Elective Credit

**IND 118 Total Productive Maintenance ( 2 CR)** Elective Credit

**IND 121 Industrial Supervision I ( 3 CR)** Elective Credit

**IND 122 Industrial Supervision II ( 3 CR)** Elective Credit

**IND 125 Installation and Preventive Maintenance ( 3 CR)** Elective Credit

**IND 126 Maintenance Scheduling and Planning ( 2 CR)** Elective Credit

**IND 133 Master Planning ( 2 CR)** Elective Credit

**IND 134 Just-In-Time Manufacturing ( 2 CR)** Elective Credit

**IND 135 Standards of Quality and Auditing ( 3 CR)** Elective Credit

**IND 137 Team Concepts & Problem Solving ( 3 CR)** Elective Credit

**IND 139 Ships Store Afloat Senior Refresher ( 5 CR)** Elective Credit

**IND 140 Quality Control ( 2 CR)** Elective Credit

**IND 145 Introduction to Metrology ( 3 CR)** Elective Credit

**IND 146 Statistical Quality Control ( 3 CR)** Elective Credit

**IND 148 Auditing Quality Assurance ( 2 CR)** Elective Credit

**IND 150 Industrial Management ( 3 CR)** Elective Credit

**IND 151 Introduction to Industrial Information Applications ( 3 CR)** Elective Credit

**IND 158 Industrial Dynamics ( 3 CR)** Elective Credit

**IND 159 Precision Dimensional Measurement ( 3 CR)** Elective Credit

**IND 160 Introduction to Robotics ( 2- 3 CR)** Elective Credit

**IND 165 Principles of Industrial Technology I ( 4 CR)** Elective Credit

**IND 166 Principles of Industrial Technology II ( 4 CR)** Elective Credit

**IND 174 Strategic Management of Resources ( 2 CR)** Elective Credit

**IND 175 Pressure Measurement ( 2 CR)** Elective Credit

**IND 176 Execution and Control of Operations ( 2 CR)** Elective Credit

**IND 177 Detailed Scheduling and Planning ( 2 CR)** Elective Credit

**IND 178 Master Planning of Resources ( 2 CR)** Elective Credit

**IND 179 Basics of Supply Chain Management ( 2 CR)** Elective Credit

**IND 180 Introduction to Plastics and Plastic Processing ( 3 CR)** Elective Credit

**IND 181 World Class Manufacturing I ( 3 CR)** Elective Credit

**IND 185 Plastic Processing ( 3 CR)** Elective Credit

**IND 188 Introduction to Injection Molding ( 1- 2 CR) Elective Credit**  
**IND 203 Temperature and Humidity Measurement ( 2 CR) Elective Credit**  
**IND 204 Opto-Mechanical Measurement of Angles and Surfaces ( 2 CR) Elective Credit**  
**IND 205 Flow, Viscosity, and Specific Gravity Measurement ( 2 CR) Elective Credit**  
**IND 216 Plant Layout and Materials Handling ( 3 CR) Elective Credit**  
**IND 230 Applied Quality Control ( 3 CR) Elective Credit**  
**IND 235 Statistical Quality Control ( 3 CR) Elective Credit**  
**IND 236 Total Quality Concepts ( 3 CR) Elective Credit**  
**IND 237 Fundamentals of ISO 9000 ( 3 CR) Elective Credit**  
**IND 238 Industrial Tours ( 3 CR) Elective Credit**  
**IND 245 Time and Motion Study ( 3 CR) Elective Credit**  
**IND 250 Introduction to Basic Computer Integrated Manufacturing ( 2- 3 CR) Elective Credit**  
**IND 251 Automated Manufacturing Systems I ( 3- 4 CR) Elective Credit**  
**IND 265 Principles of Industrial Technology III ( 4 CR) Elective Credit**  
**IND 266 Principles of Industrial Technology IV ( 4 CR) Elective Credit**

#### **Instrumentation (INS )**

**INS 110 Principles of Instrumentation ( 3 CR) Elective Credit**  
**INS 121 Introduction to Measurement and Control ( 3- 4 CR) Elective Credit**  
**INS 210 Principles of Instrumentation ( 3- 4 CR) Elective Credit**  
**INS 211 Introduction to Instrumentation I ( 7 CR) Elective Credit**  
**INS 212 Introduction to Instrumentation II ( 7 CR) Elective Credit**  
**INS 213 Sensors and Actuators ( 3 CR) Elective Credit**  
**INS 215 Fundamental Industrial Instrumentation Procedures ( 2- 3 CR) Elective Credit**  
**INS 216 Principles of Calibration and Standardization ( 3 CR) Elective Credit**  
**INS 220 Introduction to Fluid Power ( 2- 3 CR) Elective Credit**  
**INS 225 Fluidic Logic Control ( 2- 3 CR) Elective Credit**  
**INS 240 Computer Data Acquisition and Control ( 3- 4 CR) Elective Credit**

#### **Interpreter Education (INT )**

**(Replaces Sign Communication)**

**INT 105-106 Interpreting Foundations I-II ( 3 CR) ( 3 CR) Elective Credit**  
**INT 107 Translation Skills ( 3 CR) Elective Credit**  
**INT 130 Interpreting: An Introduction to the Profession ( 3 CR) Elective Credit**  
**INT 133 ASL-to-English Interpretation I ( 3- 4 CR) Elective Credit**  
**INT 134 English-to-ASL Interpretation I ( 3- 4 CR) Elective Credit**  
**INT 141 Transliterating I ( 3 CR) Elective Credit**  
**INT 233 ASL-to English Interpretation II ( 3- 4 CR) Elective Credit**  
**INT 234 English-to-ASL Interpretation II ( 3- 4 CR) Elective Credit**  
**INT 235 Interpreting in the Educational Setting ( 3 CR) Elective Credit**  
**INT 236 Interpreting in Special Situations ( 3 CR) Elective Credit**  
**INT 250 Dialogic Interpretation I ( 3 CR) Elective Credit**

## **Insurance (ISR )**

**ISR 130 Principles of Insurance ( 2- 3 CR)** Elective Credit

**ISR 137 Agents Life and Health Training ( 3- 4 CR)** Elective Credit

**ISR 232 Principles of Property and Casualty Licensing ( 3 CR)** Elective Credit

## **Information Systems Technology (IST )**

**IST 10 Keyboarding for Information Processing ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 15 Computer Software Applications Overview ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 20 Introduction to Microcomputers ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 25 BASIC Programming I ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 30 Microcomputer Software: Word Processing ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 35 Microcomputer Software: Word Processing II ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 40 Microcomputer Software: Spreadsheet/Graphics ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 45 Microcomputer Software: Spreadsheet/Graphics II ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 50 Microcomputer Software: Database Management ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 55 Microcomputer Software: Database Management II ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 70 Microcomputer Software: Desktop Publishing I ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 80 Computer Literacy ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 86 Microcomputer Operating Systems ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 89 Operating System Software Utilities ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**IST 100 Introduction to Information Systems ( 2- 4 CR)** BUS 2313

**IST 101 Information Systems Laboratory ( 1 CR)** Elective Credit

**IST 102 Introduction to Microcomputers ( 1- 2 CR)** Elective Credit

**IST 103 Survey of Computer Software Applications ( 1- 2 CR)** Elective Credit

**IST 104 Operating System and Software Utilities I ( 1- 2 CR)** Elective Credit

**IST 105 Advanced Operating System and Software Utilities II ( 1- 2 CR)** Elective Credit

**IST 106 Microcomputer Operating Systems ( 2- 4 CR)** Elective Credit

**IST 107 Microcomputer Operating Systems Laboratory ( 1 CR)** Elective Credit

**IST 108 Operating Systems: UNIX ( 2- 4 CR)** Elective Credit

**IST 109 Operating Systems: UNIX Laboratory ( 1 CR)** Elective Credit

**IST 110 Microcomputer Software: Beginning Windows ( 1- 2 CR)** Elective Credit  
**IST 111 Microcomputer Software: Intermediate Windows ( 1- 2 CR)** Elective Credit  
**IST 112 E-Commerce Development ( 3- 4 CR)** Elective Credit  
**IST 113 Computers and Information Systems ( 1- 2 CR)** Elective Credit  
**IST 114 Fundamentals of Computer Information Systems ( 2- 4 CR)** Elective Credit  
**IST 115 Fundamentals of Computer Information Systems Laboratory ( 1 CR)** Elective Credit  
**IST 116 E-Mail, Bulletin Board Systems and Internet ( 2- 4 CR)** Elective Credit  
**IST 117 Introduction to Microcomputer Software ( 2- 4 CR)** BUS 2323  
**IST 118 Introduction to Microcomputer Software Laboratory ( 1 CR)** Elective Credit  
**IST 119 Database Administration ( 3- 4 CR)** Elective Credit  
**IST 120 Microcomputer Software: Spreadsheets I ( 1- 2 CR)** Elective Credit  
**IST 121 Microcomputer Software: Spreadsheets II ( 1- 2 CR)** Elective Credit  
**IST 122 Microcomputer Software: Spreadsheets III ( 1- 2 CR)** Elective Credit  
**IST 123 Spreadsheet Software I ( 2- 4 CR)** Elective Credit  
**IST 124 Spreadsheet Software II ( 2- 4 CR)** Elective Credit  
**IST 125 Spreadsheet Software I Laboratory ( 1 CR)** Elective Credit  
**IST 127 Survey of Internet Services ( 1 CR)** Elective Credit  
**IST 128 Introduction to Internet Services ( 3- 4 CR)** Elective Credit  
**IST 129 Web Page Design I ( 3 CR)** Elective Credit  
**IST 130 Microcomputer Software: Database Management I ( 1- 2 CR)** Elective Credit  
**IST 131 Microcomputer Software: Database Management II ( 1- 2 CR)** Elective Credit  
**IST 132 Microcomputer Software: Database Management III ( 1- 2 CR)** Elective Credit  
**IST 133 Database Management Software ( 2- 4 CR)** Elective Credit  
**IST 134 Database Management Software Laboratory ( 1 CR)** Elective Credit  
**IST 135 Microcomputer Software: Graphics I ( 1- 2 CR)** Elective Credit  
**IST 137 Business Graphics Software ( 2- 4 CR)** Elective Credit  
**IST 139 Microcomputer Integrated Software ( 2- 4 CR)** BUS 2323  
**IST 140 Microcomputer Integrated Software Laboratory ( 1 CR)** Elective Credit  
**IST 142 Survey of Multimedia ( 2- 4 CR)** Elective Credit  
**IST 143 Survey of Multimedia Laboratory ( 1 CR)** Elective Credit  
**IST 144 Data Entry Operations I ( 2- 4 CR)** Elective Credit  
**IST 148 Introduction to SQL ( 3- 4 CR)** Elective Credit  
**IST 149 Java Programming I ( 3- 4 CR)** Elective Credit  
**IST 152 Computer Operations III ( 3- 4 CR)** Elective Credit  
**IST 153 Computer Program Design ( 2- 4 CR)** BUS 2313  
**IST 154 Computer Program Design Laboratory ( 1 CR)** Elective Credit  
**IST 155 Operations and Facilities of Mid-Range Computers ( 3- 4 CR)** Elective Credit  
**IST 156 C++ Programming I ( 3- 4 CR)** Elective Credit  
**IST 157 User Support and Help Desk Principles ( 3 CR)** Elective Credit  
**IST 158 Project Management ( 3 CR)** Elective Credit  
**IST 159 Basic Control Language Programming ( 2- 3 CR)** Elective Credit  
**IST 160 Computer Programming: BASIC I ( 2- 4 CR)** BUS 2313 Elective Credit  
**IST 161 Computer Programming: BASIC I Laboratory ( 1 CR)** Elective Credit

**IST 162 Computer Programming: COBOL I ( 2- 4 CR) Elective Credit**  
**IST 163 Computer Programming: COBOL I Laboratory ( 1 CR) Elective Credit**  
**IST 164 Computer Programming: PASCAL ( 2- 4 CR) Elective Credit**  
**IST 165 Computer Programming: PASCAL I Laboratory ( 1 CR) Elective Credit**  
**IST 168 Computer Programming: RPG ( 2- 4 CR) Elective Credit**  
**IST 169 Computer Programming: RPG Laboratory ( 1 CR) Elective Credit**  
**IST 172 Computer Programming: "C" ( 2- 4 CR) Elective Credit**  
**IST 173 Computer Programming: "C" I Laboratory ( 1 CR) Elective Credit**  
**IST 174 Introduction to Event-Driven Programming ( 2- 4 CR) Elective Credit**  
**IST 175 Introduction to Event-Driven Programming Laboratory ( 1 CR) Elective Credit**  
**IST 176 Event-Driven BASIC I ( 2- 4 CR) BUS 2313**  
**IST 177 Event-Driven BASIC I Laboratory ( 1 CR) Elective Credit**  
**IST 178 Computer System Architecture ( 3 CR) Elective Credit**  
**IST 179 Introduction to Microcomputer Hardware ( 1- 2 CR) Elective Credit**  
**IST 180 Introduction to Microcomputer Hardware Laboratory ( 1 CR) Elective Credit**  
**IST 182 Computer Concepts with Application ( 2- 3 CR) Elective Credit**  
**IST 183 Computer Applications in Protective Services Admin. ( 3- 4 CR) Elective Credit**  
**IST 184 Intro. to Information Systems for the Legal Assistant ( 3- 4 CR) Elective Credit**  
**IST 200 Local Area Networks ( 3- 4 CR) Elective Credit**  
**IST 201 Local Area Networks Laboratory ( 1 CR) Elective Credit**  
**IST 202 Networking Technologies ( 3 CR) Elective Credit**  
**IST 203 Administration of Local Area Networks ( 2- 4 CR) Elective Credit**  
**IST 204 Administration of Local Area Networks Laboratory ( 1 CR) Elective Credit**  
**IST 205 Alternate Network Protocols ( 3- 4 CR) Elective Credit**  
**IST 206 Network Servicing ( 2- 4 CR) Elective Credit**  
**IST 207 Network Servicing Laboratory ( 1 CR) Elective Credit**  
**IST 208 TCP/IP Protocols and Configurations ( 4 CR) Elective Credit**  
**IST 209 Advanced Concepts in Mid-Range Computing ( 3- 4 CR) Elective Credit**  
**IST 210 Network Design and Implementation ( 3- 4 CR) Elective Credit**  
**IST 211 E-Commerce Application Integration ( 3- 4 CR) Elective Credit**  
**IST 212 Introduction to Telecommunications ( 2- 4 CR) Elective Credit**  
**IST 214 Telecommunication Theory ( 3 CR) Elective Credit**  
**IST 215 Job Control Language ( 2- 3 CR) Elective Credit**  
**IST 216 Personal Computer Hardware Troubleshooting ( 2- 4 CR) Elective Credit**  
**IST 217 Personal Computer Hardware Troubleshooting Laboratory ( 1 CR) Elective Credit**  
**IST 218 Multimedia Production ( 2- 4 CR) Elective Credit**  
**IST 219 Multimedia Production Laboratory ( 1 CR) Elective Credit**  
**IST 220 Microcomputer: Oper.Systems, Architecture, & Hardware ( 2- 4 CR) Elective Credit**  
**IST 221 Microcomputer: Oper. Sys., Architecture & Hardware Lab ( 1 CR) Elective Credit**  
**IST 222 Advanced SQL ( 3 CR) Elective Credit**  
**IST 223 Web Page Development and Scripting ( 3- 4 CR) Elective Credit**  
**IST 224 Web Server Management ( 3- 4 CR) Elective Credit**  
**IST 225 Designing Web Page Graphics ( 3 CR) Elective Credit**

**IST 226 Web Page Design II ( 3 CR) Elective Credit**

**Information Technology Database Processing**

- ITD 110 Web Page Design I BUS4643
- ITD 111 Web Design for Personal Use BUS4643
- ITD 120 Design Concepts for Mobile Applications BUS4003
- ITD 130 Database Fundamentals BUS3823
- ITD 132 Structured Query Language BUS3823
- ITD 134 PL/SQL Programming BUS3823
- ITD 136 Database Management Software BUS3823
- ITD 190 Coordinated Internship (3 credits) BUS4003
- ITD 193 Studies In (3 credits) BUS4003
- ITD 195 Topics In (3 credits) BUS4003
- ITD 196 On-Site Training (3 credits) BUS4003
- ITD 197 Cooperative Education (3 credits) BUS4003
- ITD 198 Seminar and Project (3 credits) BUS4003
- ITD 199 Supervised Study (3 credits) BUS4003
- ITD 210 Web Page Design II BUS4643
- ITD 212 Interactive Web Design BUS4643
- ITD 220 E-Commerce Administration BUS4643
- ITD 250 Database Architecture and Administration BUS3823
- ITD 251 Database System Development BUS3823
- ITD 252 Database Backup and Recovery BUS3823
- ITD 254 Database Network Administration BUS3823
- ITD 256 Advanced Database Management BUS3823
- ITD 258 Database Performance and Tuning BUS3823
- ITD 290 Coordinated internship BUS4003
- ITD 293 Studies In (3 credits) BUS4003
- ITD 295 Topics In (3 credits) BUS4003
- ITD 296 on Site Training (3 credits) BUS4003
- ITD297 Cooperative Education (3 credits) BUS4003
- ITD 298 Seminar and Project (3 credits) BUS4003
- ITD 299 Supervised Study (3 credits) BUS4003

**Information Technology Essentials (ITE)**

- ITE 100 Introduction to Information Systems BUS2313
- ITE 109 Information Systems for Legal Assistants BUS2313
- ITE 115 Introduction to Computer Applications and Concepts BUS2323
- ITE 119 information Literacy BUS2313
- ITE 120 Principles of information Systems BUS2313
- ITE 127 Introduction to Windows Elective Credit
- ITE 150 Desktop Database Software BUS3823
- ITE 160 introduction to E-Commerce BUS4503

**ITE 181 Technical Training Principles BUS4003**  
**ITE 182 user Support/Help Desk Principles BUS4003**  
**ITE 190 Coordinated Internship (3 credits) BUS4003**  
**ITE 193 Studies In (3 credits) BUS4003**  
**ITE 195 Topics In (3 credits) BUS4003**  
**ITE 196 On Site Training (3 credits) BUS4003**  
**ITE 197 Cooperative Education(3 credits) BUS4003**  
**ITE 198 Seminar and Project (3 credits) BUS4003**  
**ITE 199 Supervised Study (3 credits) BUS4003**  
**ITE 290 Coordinated Internship (3 credits) BUS4003**  
**ITE 293 Studies In (3 credits) BUS4003**  
**ITE 295 Topics In (3 credits) BUS4003**  
**ITE 296 On Site Training (3 credits) BUS4003**  
**ITE 297 Cooperative Education (3 credits) BUS4003**  
**ITE 298 Seminar and Project (3 credits) BUS4003**  
**ITE 299 Supervised Study (3 credits) BUS4003**

#### **Information Technology Networking (ITN)**

**ITN 100 Introduction to Telecommunications (3-4 CR) Elective Credit**  
**ITN 101 Introduction to Network Concepts (3-4 CR) BUS 4003**  
**ITN 106 Microcomputer Operating Systems (3-4 CR) Elective Credit**  
**ITN 107 Personal Computer Hardware and Troubleshooting (3-4 CR) BUS 4003**  
**ITN 110 Windows 2000 Professional (3-4 CR) Elective Credit**  
**ITN 111 Windows 2000 Server (3-4 CR) Elective Credit**  
**ITN 112 Windows 2000 Network Infrastructure Administration (NIA) (3-4 CR) Elective Credit**  
**ITN 113 Win. 2000 Directory Services Infrastructure Adm (DSIA) (3-4 CR) Elective Credit**  
**ITN 114 Windows XP Professional (3-4 CR) Elective Credit**  
**ITN 115 Windows 2003 Server (SER) (3-4 CR) Elective Credit**  
**ITN 116 WIN 2003 Network Infrastr, Implem, Mgmt & Maint (NI-IMM) (3-4 CR) Elective Credit**  
**ITN 117 Windows 03 Network Infra. Planning & Maint. (NI-PIM) (3-4 CR) Elective Credit**  
**ITN 118 Windows 2003: Active Directory Infrastructure Planning (3-4 CR) Elective Credit**  
**ITN 120 Wireless-Network Administration (WNA) (3-4 CR) Elective Credit**  
**ITN 121 Wireless-Windows Mobile.Net (WWMN) (3-4 CR) Elective Credit**  
**ITN 122 Wireless-Win. 2000 Network Environment Admin. (WWNA) (3-4 CR) Elective Credit**  
**ITN 123 Wireless-Windows Server.Net (WWSN) (3-4 CR) Elective Credit**  
**ITN 124 Wireless-Network Administration (WNA) (3-4 CR) Elective Credit**  
**ITN 125 Wireless-Mobile Networking (WMN) (3-4 CR) Elective Credit**  
**ITN 126 Wireless-Network Operating System (WNOS) (3-4 CR) Elective Credit**  
**ITN 130 Administration of Nevoll Local Area Networks NetWare 5 (3-4 CR) BUS 4003**  
**ITN 131 Novell Fundamentals of Networking NetWare 6.X (3-4 CR) BUS 4003**  
**ITN 150 Networking Fundamentals and Introductory Routing-Cisco (3-4 CR) BUS 4003**  
**ITN 151 Introductory Routing and Switching-Cisco (3-4 CR) BUS 4003**  
**ITN 154 Networking Fundamentals-Cisco (3-4 CR) BUS 4003**

**ITN 155 Introductory Routing-Cisco (3-4 CR) BUS 4003**  
**ITN 156 Basic Switching and Routing-Cisco (3-4 CR) BUS 4003**  
**ITN 157 WAN Technologies-Cisco (3-4 CR) BUS 4003**  
**ITN 170 Linux System Administration (3-4 CR) BUS 4003**  
**ITN 171 Unix 1 (3-4 CR) BUS 4003**  
**ITN 200 Administration of Network Resources (3-4 CR) BUS 4003**  
**ITN 205 Protocols and Communications 1 (3-4 CR) BUS 4003**  
**ITN 208 Protocols and Communications 2 (3-4 CR) BUS 4003**  
**ITN 210 Windows 2000-DSID-Directory Services Infrac. Design (3-4 CR) Elective Credit**  
**ITN 211 Windows 2000 Network Security Design (NSD) (3-4 CR) Elective Credit**  
**ITN 212 Windows 2000 Managing a Windows Network Environment (3-4 CR) Elective Credit**  
**ITN 214 Windows 2000 Exchange Server Administration (ESA) (3-4 CR) Elective Credit**  
**ITN 215 Windows 2000 Network Infrastructure Design (NID) (3-4 CR) Elective Credit**  
**ITN 216 Windows 2000 SQL Server (3-4 CR) Elective Credit**  
**ITN 220 Wireless-Network Security (W-NS) (3-4 CR) Elective Credit**  
**ITN 221 Wireless-Satellite Security (W-SS) (3-4 CR) Elective Credit**  
**ITN 222 Wireless-Network Interoperability (WNI) (3-4 CR) Elective Credit**  
**ITN 223 Wireless-Windows Web Server.Net (WWSS) (3-4 CR) Elective Credit**  
**ITN 224 Web Server Management (3-4 CR) Elective Credit**  
**ITN 227 Wireless-Network System Interoperability (WNSI) (3-4 CR) Elective Credit**  
**ITN 228 Wireless-Network Data Transmission (WNDC) (3-4 CR) Elective Credit**  
**ITN 230 Novell Network Servicing (3-4 CR) Elective Credit**  
**ITN 232 Novell Network Design and Implementation (3-4 CR) Elective Credit**  
**ITN 233 Novell eDirectory Design and Implementation (3-4 CR) Elective Credit**  
**ITN 234 Novell Desktop Management with ZENworks for Desktops (3-4 CR) Elective Credit**  
**ITN 235 Novell Network Management (3-4 CR) Elective Credit**  
**ITN 236 Advanced Novell Network Management (3-4 CR) Elective Credit**  
**ITN 240 Win.03 Active Directory & Network Infrac. Design (AD-NID) (3-4 CR) Elective Credit**  
**ITN 241 Windows 2003 Security Design (SD) (3-4 CR) Elective Credit**  
**ITN 242 Windows Microsoft Exchange 2003 Server (ES03) (3-4 CR) Elective Credit**  
**ITN 243 Windows 2003 Security Implementation and Admin. (S-IA) (3-4 CR) Elective Credit**  
**ITN 245 Network Troubleshooting (3-4 CR) BUS 4003**  
**ITN 250 Advanced Routing-Cisco (3-4 CR) Elective Credit**  
**ITN 251 Remote Access Networking-Cisco (3-4 CR) Elective Credit**  
**ITN 252 Advanced Switching-Cisco (3-4 CR) Elective Credit**  
**ITN 253 Network Troubleshooting-Cisco (3-4 CR) BUS 4003**  
**ITN 260 Network Security Basics (3-4 CR) Elective Credit**  
**ITN 261 Network Attacks, Computer Crime and Hacking (3-4 CR) Elective Credit**  
**ITN 262 Network Communication, Security and Authentication (3-4 CR) Elective Credit**  
**ITN 263 Internet/Intranet Firewalls and e-Commerce Security (3-4 CR) Elective Credit**  
**ITN 266 Network Security Layers (3-4 CR) Elective Credit**  
**ITN 267 Legal Topics in Network Security (3-4 CR) Elective Credit**  
**ITN 270 Advanced Linux Network Administration (3-4 CR) BUS 4003**

**ITN 271 Unix II (3-4 CR) Elective Credit**  
**ITN 280 Wireless-Network System Engineering (W-NSE) (3-4 CR) Elective Credit**  
**ITN 281 Wireless-Network Field Engineering (W-NFE) (3-4 CR) BUS 4003**  
**ITN 282 Wireless-Antenna Systems Designs (W-ASD) (3-4 CR) Elective Credit**  
**ITN 283 Wireless-Network Field Site Survey (W-NFSS) (3-4 CR) Elective Credit**

**Information Technology Programming (ITP)**

**ITP 100 Software Design (3-4 CR) BUS 2313**  
**ITP 110 Visual Basic Programming I (3-4 CR) BUS 2433**  
**ITP 112 Visual Basic.NET I (3-4 CR) BUS 2433**  
**ITP 120 Java Programming I (3-4 CR) Elective Credit**  
**ITP 130 C Programming I (3-4 CR) Elective Credit**  
**ITP 132 C++ Programming I (3-4 CR) BUS 3333**  
**ITP 134 Visual C++ Programming I (3-4 CR) BUS 3333**  
**ITP 136 C# Programming I (3-4 CR) Elective Credit**  
**ITP 140 Client Side Scripting (3-4 CR) Elective Credit**  
**ITP 150 COBOL Programming I (3-4 CR) Elective Credit**  
**ITP 152 RPG Programming I (3-4 CR) Elective Credit**  
**ITP 154 Basic Programming I (3-4 CR) BUS2313 BUS 2313**  
**ITP 155 Operations of Midrange Computers (3-4 CR) Elective Credit**  
**ITP 156 PASCAL Programming I (3-4 CR) Elective Credit**  
**ITP 158 Micro Assembler I (3-4 CR) Elective Credit**  
**ITP 159 Control Language I (2-3 CR) Elective Credit**  
**ITP 170 Project Management (3-4 CR) Elective Credit**  
**ITP 175 Concepts of Programming Languages (3-4 CR) Elective Credit**  
**ITP 200 Data Structure and Algorithms (3-4 CR) Elective Credit**  
**ITP 210 Visual Basic Programming II (3-4 CR) BUS 2433**  
**ITP 212 Visual Basic.NET II (3-4 CR) BUS 2433**  
**ITP 215 XML Web Services (3-4 CR) Elective Credit**  
**ITP 216 Analyzing Requirements for Microsoft.NET Solution Archi (3-4 CR) Elective Credit**  
**ITP 220 Java Programming II (3-4 CR) Elective Credit**  
**ITP 230 C Programming II (3-4 CR) Elective Credit**  
**ITP 232 C++ Programming II (3-4 CR) BUS 3333**  
**ITP 234 Visual C++ Programming II (3-4 CR) BUS 3333**  
**ITP 236 C# Programming II (3-4 CR) Elective Credit**  
**ITP 240 Server Side Programming (3-4 CR) Elective Credit**  
**ITP 242 ASP-Server Side Scripting (3-4 CR) Elective Credit**  
**ITP 244 ASP.NET--Server Side Programming (3-4 CR) Elective Credit**  
**ITP 246 Internet Development II: Server Side Java (3-4 CR) Elective Credit**  
**ITP 248 e-Commerce Integration and Applications (3-4 CR) Elective Credit**  
**ITP 250 COBOL Programming II (3-4 CR) Elective Credit**  
**ITP 251 Systems Analysis and Design (3-4 CR) BUS 3813**  
**ITP 252 RPG Programming II (3-4 CR) Elective Credit**

**ITP 255 Advanced Concepts of Midrange Computing (3-4 CR) Elective Credit**  
**ITP 258 Systems Development Project (3-4 CR) BUS 3813**  
**ITP 259 Control Language II (3-4 CR) Elective Credit**

#### **Italian (ITA )**

**For Foreign Language requirement for a B.A. at Bluefield College, student needs 6 hrs. of second year college-level foreign language or four years of high school foreign language.**

**ITA 101-102 Beginning Italian I-II ( 4- 5 CR)( 4- 5 CR) Elective Credit**  
**ITA 111-112 Conversation in Italian I-II ( 3 CR) ( 3 CR) Electives**  
**ITA 201-202 Intermediate Italian I-II ( 3 CR) ( 3 CR) Satisfies BC Lang. Req.**

#### **Japanese (JPN )**

**For Foreign Language requirement for a B.A. at Bluefield College, student needs 6 hrs. of second year college-level foreign language or four years of high school foreign language.**

**JPN 101-102 Beginning Japanese I-II ( 4- 5 CR)( 4- 5 CR) Elective Credit**  
**JPN 201-202 Intermediate Japanese I-II ( 3- 4 CR)( 3- 4 CR) Satisfies BC Lang. Req.**

#### **Korean (KOR)**

**For Foreign Language requirement for a B.A. at Bluefield College, student needs 6 hrs. of second year college-level foreign language or four years of high school foreign language.**

**KOR 101-102 Beginning Korean I-II (4-5 CR) (4-5 CR) Elective Credit**

#### **Latin (LAT )**

**For Foreign Language requirement for a B.A. at Bluefield College, student needs 6 hrs. of second year college-level foreign language or four years of high school foreign language.**

**LAT 101-102 Elementary Latin I-II ( 3 CR) ( 3 CR) Elective Credit**  
**LAT 201-202 Intermediate Latin I-II ( 3 CR) ( 3 CR) Satisfies BC Lang. Req.**

#### **Library Technology (LBR )**

**LBR 105 Library Skills for Research ( 1 CR) Elective Credit**  
**LBR 110 Effective Internet Searching ( 1 CR) Elective Credit**

#### **Legal Administration (LGL )**

**LGL 110 Introduction to Law and the Legal Assistant ( 3 CR) Elective Credit**  
**LGL 115 Real Estate Law for Legal Assistants ( 3 CR) Elective Credit**  
**LGL 116 Domestic Relations and Consumer Law ( 3 CR) Elective Credit**  
**LGL 117 Family Law ( 3 CR) Elective Credit**  
**LGL 125 Legal Research ( 3 CR) Elective Credit**  
**LGL 126 Legal Writing ( 3 CR) Elective Credit**  
**LGL 127 Legal Research and Writing ( 3 CR) Elective Credit**  
**LGL 130 Law Office Administration and Management ( 3 CR) Elective Credit**  
**LGL 150 Law and Mediation ( 3 CR) Elective Credit**  
**LGL 200 Ethics for the Legal Assistant ( 1 CR) Elective Credit**

**LGL 210 Virginia and Federal Procedure ( 3 CR)** Elective Credit  
**LGL 212 Deeds of Trust and Mortgages ( 3 CR)** Elective Credit  
**LGL 213 Land Surveying for Real Estate Professionals ( 2 CR)** Elective Credit  
**LGL 215 Torts ( 3 CR)** Elective Credit  
**LGL 216 Trial Preparation and Discovery Practice ( 3 CR)** Elective Credit  
**LGL 217 Trial Practice and the Law of Evidence ( 3 CR)** Elective Credit  
**LGL 218 Criminal Law ( 3 CR)** Elective Credit  
**LGL 219 Basics of Litigation Support ( 3 CR)** Elective Credit  
**LGL 220 Administrative Practice and Procedure ( 3 CR)** Elective Credit  
**LGL 225 Estate Planning and Probate ( 3 CR)** Elective Credit  
**LGL 226 Real Estate Abstracting ( 3 CR)** Elective Credit  
**LGL 228 Real Estate Settlement Practicum ( 3 CR)** Elective Credit  
**LGL 230 Legal Transactions ( 3 CR)** Elective Credit  
**LGL 234 Intellectual Property Law ( 3 CR)** Elective Credit  
**LGL 235 Legal Aspects of Business Organizations ( 3 CR)** Elective Credit  
**LGL 238 Bankruptcy ( 3 CR)** Elective Credit  
**LGL 245 Post-Trial and Appellate Practice ( 3 CR)** Elective Credit

#### **Machine Technology (MAC )**

**MAC 101-102 Machine Shop I-II ( 7- 8 CR)( 7- 8 CR)** Elective Credit  
**MAC 106 Machine Shop Operations ( 8- 9 CR)** Elective Credit  
**MAC 107 Technology of Machining ( 8- 9 CR)** Elective Credit  
**MAC 110 Introductory Machining Techniques ( 4 CR)** Elective Credit  
**MAC 111-112 Machine Trade Theory and Computation I-II ( 3 CR) ( 3 CR)** Elective Credit  
**MAC 113 Machine Trade Theory and Computation III ( 3 CR)** Elective Credit  
**MAC 116 Machinist Handbook ( 2 CR)** Elective Credit  
**MAC 121-122 Computer Numerical Control I-II ( 2- 3 CR)( 2- 3 CR)** Elective Credit  
**MAC 123 Computer Numerical Control III ( 2- 3 CR)** Elective Credit  
**MAC 127 Advanced CNC Programming ( 3 CR)** Elective Credit  
**MAC 128 CNC Programming ( 1- 2 CR)** Elective Credit  
**MAC 131-132 Machine Lab I-II ( 1- 3 CR)( 1- 3 CR)** Elective Credit  
**MAC 133-134 Machine Lab III-IV ( 1- 2 CR)( 1- 2 CR)** Elective Credit  
**MAC 146 Metals/Heat Treatment ( 2 CR)** Elective Credit  
**MAC 150 Introduction to Computer Aided Manufacturing ( 2- 3 CR)** Elective Credit  
**MAC 151 Machine Tool Maintenance ( 2 CR)** Elective Credit  
**MAC 156-157 Mechanisms I-II ( 3 CR) ( 3 CR)** Elective Credit  
**MAC 161-162 Machine Shop Practices I-II ( 3 CR) ( 3 CR)** Elective Credit  
**MAC 163-164 Machine Shop Practices III-IV ( 3 CR) ( 3 CR)** Elective Credit  
**MAC 171-172 Machine Tool Operations I-II ( 3 CR) ( 3 CR)** Elective Credit  
**MAC 173 Machine Tool Operations III ( 3 CR)** Elective Credit  
**MAC 181-182 Machine Blueprint Reading I-II ( 3 CR) ( 3 CR)** Elective Credit  
**MAC 205 Advanced Machining Techniques ( 3 CR)** Elective Credit  
**MAC 206 Production Machining Techniques ( 6 CR)** Elective Credit

**MAC 209 Standards, Measurements and Calculations ( 2- 3 CR) Elective Credit**  
**MAC 215 Machining Techniques ( 9 CR) Elective Credit**  
**MAC 217 Precision Machining Techniques ( 9 CR) Elective Credit**  
**MAC 221-222 Advanced Machine Tool Operations I-II ( 7 CR) ( 7 CR) Elective Credit**  
**MAC 223 Advanced Machine Tool Operations III ( 7 CR) Elective Credit**  
**MAC 225 Machine Tool Operations ( 5 CR) Elective Credit**  
**MAC 231-232 Advanced Precision Machining I-II ( 3 CR) ( 3 CR) Elective Credit**  
**MAC 241-242 Advanced Machinery Procedures I-II ( 3 CR) ( 3 CR) Elective Credit**  
**MAC 245 Advanced Numerical Control ( 2 CR) Elective Credit**  
**MAC 250 Advanced Computer Aided Manufacturing ( 2- 3 CR) Elective Credit**

**Marine Science (MAR )**

**MAR 25 Ship Design ( 2 CR) Does not transfer; may be submitted for possible PST credit**  
**MAR 26 Ship Systems ( 2 CR) Does not transfer; may be submitted for possible PST credit**  
**MAR 100 Introduction to Marine Ecology ( 3 CR) Additional Area Science, Elective**  
**MAR 101-102 General Oceanography I-II ( 4 CR) ( 4 CR) Gen Ed Science**  
**MAR 105 Seamanship ( 3 CR) Elective Credit**  
**MAR 110 Introductory Oceanography ( 5 CR) Gen Ed Science**  
**MAR 111 Navigation and Seamanship I ( 5 CR) Elective Credit**  
**MAR 112 Navigation and Seamanship II ( 4 CR) Elective Credit**  
**MAR 115 Marine Navigation and Seamanship ( 4 CR) Elective Credit**  
**MAR 121-122 Biological Oceanography I-II ( 4 CR) ( 4 CR) Gen Ed Science**  
**MAR 125 Practical Fish Operations ( 4 CR) Elective Credit**  
**MAR 130 Marine Maintenance Mechanics ( 3 CR) Elective Credit**  
**MAR 131-132 Internal Combustion Engines and Auxiliary Equipment I-I ( 3 CR) ( 3 CR) Elective Credit**  
**MAR 135 Marine Electrical Systems ( 4 CR) Elective Credit**  
**MAR 136 Shipboard Refrigeration ( 3 CR) Elective Credit**  
**MAR 137 Basic Marine Electrical Circuits ( 4 CR) Elective Credit**  
**MAR 138 Marine Design, Construction, and Propulsion ( 3 CR) Elective Credit**  
**MAR 140 Introduction to Hydraulics and Hydraulic Systems ( 4 CR) Elective Credit**  
**MAR 150 Vessel Operation and Maintenance ( 4 CR) Elective Credit**  
**MAR 151-152 Vessel Maintenance I-II ( 1 CR) ( 1 CR) Elective Credit**  
**MAR 155 Hull and Hardware Maintenance and Repair ( 4 CR) Elective Credit**  
**MAR 156 Vessel Fitting and Rigging ( 4 CR) Elective Credit**  
**MAR 157 Small Outboard Engine Service ( 4 CR) Elective Credit**  
**MAR 158 Inboard Engine Service ( 4 CR) Elective Credit**  
**MAR 159 Large Outboard Engine Service ( 4 CR) Elective Credit**  
**MAR 165 Stern Drive Transmission Service ( 4 CR) Elective Credit**  
**MAR 175 Ship Checking ( 3 CR) Elective Credit**  
**MAR 201-202 Marine Ecology I-II ( 4 CR) ( 4 CR) Gen Ed Science Elective Credit**  
**MAR 211 Naval Architecture I ( 3 CR) Elective Credit**  
**MAR 212 Naval Architecture II ( 3 CR) Elective Credit**

**MAR 215 Applied Naval Architecture ( 3 CR) Elective Credit**

**MAR 265 Licensed Boat Operation ( 3 CR) Elective Credit**

#### **Medical Assisting (MDA )**

**MDA 100 Introduction to Medical Assisting ( 1- 2 CR) Elective Credit**

**MDA 101 Medical Assistant Science I ( 4- 5 CR) Elective Credit**

**MDA 102 Medical Assistant Science II ( 2 CR) Elective Credit**

**MDA 103 Medical Assistant Science III ( 2 CR) Elective Credit**

**MDA 104 Medical Assistant Science IV ( 3 CR) Elective Credit**

**MDA 107 Pharmacology for Medical Assistants ( 2 CR) Elective Credit**

**MDA 130 Advanced Clinical Skills ( 2 CR) Elective Credit**

**MDA 203 Medical Office Procedures ( 3 CR) Elective Credit**

**MDA 206 Medical Office Bookkeeping and Insurance ( 4 CR) Elective Credit**

**MDA 207 Medical Law and Ethics ( 2 CR) Elective Credit**

**MDA 208 Medical Office Coding ( 2 CR) Elective Credit**

**MDA 209 Medical Office Insurance ( 2 CR) Elective Credit**

**MDA 210 Medical Office Software Applications ( 1 CR) Elective Credit**

**MDA 221 Diagnostic Laboratory Procedures ( 4 CR) Elective Credit**

#### **Medical Laboratory (MDL )**

**MDL 100 Introduction to Medical Laboratory Technology ( 2 CR) Elective Credit**

**MDL 101 Introduction to Medical Laboratory Techniques ( 3 CR) Elective Credit**

**MDL 105 Phlebotomy ( 3- 4 CR) Elective Credit**

**MDL 106 Clinical Phlebotomy ( 4 CR) Elective Credit**

**MDL 108 Human Pathogenic Concepts in Health ( 2 CR) Elective Credit**

**MDL 109 Blood Collection Techniques ( 1 CR) Elective Credit**

**MDL 110 Urinalysis and Body Fluids ( 2- 3 CR) Elective Credit**

**MDL 120 Principles of Hematology ( 4 CR) Elective Credit**

**MDL 125 Clinical Hematology I ( 3 CR) Elective Credit**

**MDL 126 Clinical Immunohematology/Immunology I ( 4 CR) Elective Credit**

**MDL 127 Hematology ( 3 CR) Elective Credit**

**MDL 130 Basic Clinical Microbiology ( 3 CR) Elective Credit**

**MDL 140 Clinical Urinalysis ( 2 CR) Elective Credit**

**MDL 150 Clinical Calculations and Statistics ( 2 CR) Elective Credit**

**MDL 155 Integrated Sciences for Medical Laboratory Technology ( 3 CR) Elective Credit**

**MDL 210 Immunology and Serology ( 2- 3 CR) Additional Area Science**

**MDL 215 Immunology ( 2 CR) Additional Area Science**

**MDL 216 Blood Banking ( 3- 4 CR) Elective Credit**

**MDL 217 Immunohematology and Immunology ( 5 CR) Additional Area Science**

**MDL 220 Hemostasis ( 1- 2 CR) Elective Credit**

**MDL 225 Clinical Hematology II ( 3- 4 CR) Elective Credit**

**MDL 227 Clinical Immunohematology/Immunology II ( 3 CR) Elective Credit**

**MDL 235 Mycology ( 2 CR) Additional Area Science**

**MDL 236 Parasitology and Virology ( 2 CR)** Additional Area Science  
**MDL 240 Clinical Microscopy ( 2- 3 CR)** Elective Credit  
**MDL 251-252 Clinical Microbiology I-II ( 3- 4 CR)( 2- 3 CR)** Additional Area Science  
**MDL 260 Laboratory Instrumentation ( 2- 3 CR)** Elective Credit  
**MDL 261-262 Clinical Chemistry and Instrumentation I-II ( 4- 5 CR)( 4- 5 CR)** Elective Credit  
**MDL 263 Clinical Chemistry and Instrumentation III ( 3- 4 CR)** Elective Credit  
**MDL 265 Advanced Clinical Chemistry ( 2 CR)** Additional Area Science  
**MDL 266 Clinical Chemistry Techniques ( 4 CR)** Elective Credit  
**MDL 275 Clinical Hematology III ( 3- 4 CR)** Elective Credit  
**MDL 276 Clinical Hematology Techniques ( 4 CR)** Elective Credit  
**MDL 277 Clinical Immunohematology and Immunology Technique ( 4 CR)** Elective Credit  
**MDL 278 Clinical Microbiology Techniques II ( 4 CR)** Elective Credit  
**MDL 279 Clinical Microbiology III ( 2- 3 CR)** Additional Area Science  
**MDL 280 Clinical Correlations and Pathophysiology ( 2 CR)** Elective Credit  
**MDL 281 Clinical Correlations ( 1 CR)** Elective Credit  
**MDL 282 Clinical Laboratory Techniques ( 3 CR)** Elective Credit

#### **Mechanical Engineering Technology (MEC )**

**MEC 100 Introduction to Engineering Technology ( 2 CR)** Elective Credit  
**MEC 101-102 Introduction to Engineering Technology I-II ( 2 CR) ( 2 CR)** Elective Credit  
**MEC 103 Electronic Circuits and Instrumentation ( 4 CR)** Elective Credit  
**MEC 111 Materials for Industry ( 3 CR)** Elective Credit  
**MEC 112 Processes of Industry ( 3 CR)** Elective Credit  
**MEC 113 Materials and Processes of Industry ( 3- 4 CR)** Elective Credit  
**MEC 115 Tool Design ( 3 CR)** Elective Credit  
**MEC 116 Jig and Fixture Design ( 2- 3 CR)** Elective Credit  
**MEC 118 Automated Manufacturing Technology ( 2- 3 CR)** Elective Credit  
**MEC 119 Introduction to Basic CNC and CAM ( 2- 3 CR)** Elective Credit  
**MEC 120 Principles of Machine Technology ( 2- 3 CR)** Elective Credit  
**MEC 125 Safety and Automated Manufacturing Technology ( 3 CR)** Elective Credit  
**MEC 126 Computer Programming for Technologists ( 2- 3 CR)** Elective Credit  
**MEC 131 Mechanics I - Statics for Engineering Technology ( 3 CR)** Elective Credit  
**MEC 132 Mechanics II - Strength of Mat. for Eng. Tech ( 2- 3 CR)** Elective Credit  
**MEC 133 Mechanics III - Dynamics for Engineering Tech ( 2- 3 CR)** Elective Credit  
**MEC 155 Mechanisms ( 2 CR)** Elective Credit  
**MEC 161 Basic Fluid Mechanics - Hydraulics/Pneumatics ( 3- 4 CR)** Elective Credit  
**MEC 162 Applied Hydraulics and Pneumatics ( 2- 3 CR)** Elective Credit  
**MEC 165 Applied Hydraulics, Pneumatics and Hydrostatics ( 3 CR)** Elective Credit  
**MEC 175 Fundamental Shop Procedures and Internal Combustion Eng ( 4 CR)** Elective Credit  
**MEC 176 Transportation Electrical Systems ( 3 CR)** Elective Credit  
**MEC 210 Machine Design ( 3 CR)** Elective Credit  
**MEC 211-212 Machine Design I-II ( 4 CR) ( 4 CR)** Elective Credit  
**MEC 215 Advanced Jig and Fixture Design ( 2 CR)** Elective Credit

**MEC 225 Metallurgy ( 3 CR)** Elective Credit  
**MEC 226 Practical Metallurgy ( 3 CR)** Elective Credit  
**MEC 255 Thermodynamics ( 2- 3 CR)** Elective Credit  
**MEC 265 Fluid Mechanics ( 3 CR)** Elective Credit  
**MEC 266 Applications of Fluid Mechanics ( 3- 4 CR)** Elective Credit  
**MEC 268 Fluid Power - Hydraulic Systems ( 3 CR)** Elective Credit  
**MEC 269 Fluid Power - Pneumatic Systems ( 3 CR)** Elective Credit

#### **Mental Health (MEN )**

**MEN 100 Introduction to Mental Health ( 3 CR)** Elective Credit  
**MEN 101-102 Mental Health Skill Training I-II ( 3 CR) ( 3 CR)** Elective Credit  
**MEN 110 Introduction to Abnormal Psychology ( 3 CR)** Elective Credit  
**MEN 121-122 Mental Retardation I-II ( 3 CR) ( 3 CR)** Elective Credit  
**MEN 135 Human Services and the Law ( 3 CR)** Elective Credit  
**MEN 221-222 Group Process I-II ( 3 CR) ( 3 CR)** Elective Credit  
**MEN 225 Counseling Therapy ( 3 CR)** Elective Credit  
**MENT 104 Int Men Hlth I (3QH = 2SH)** Elective Credit  
**MENT 105 Int Men Hlt II (3QH = 2SH)** Elective Credit  
**MENT 116 Activ Therapie (3QH = 2SH)** Elective Credit  
**MENT 190 Coor Prac ((3QH = 2SH)** Elective Credit

#### **Media Technology (MET )**

**MET 100 Overview of Audio for Multi-Media ( 3 CR)** Elective Credit  
**MET 105 Introduction to Media Streaming ( 3 CR)** Elective Credit  
**MET 110-111 Advanced Audio Applications for Multi-Media I-II ( 3 CR) ( 3 CR)** Elective Credit  
**MET 120 Introduction to A/V Communications Technology ( 3 CR)** Elective Credit  
**MET 121 Introduction to Audio Technology ( 3 CR)** Elective Credit  
**MET 122 Introduction to Video Technology ( 3 CR)** Elective Credit  
**MET 205 Advanced Media Streaming ( 3 CR)** Elective Credit  
**MET 210 Post-Production Audio Techniques for Video ( 3 CR)** Elective Credit  
**MET 220-221 Integrated AV Systems I-II ( 3 CR) ( 3 CR)** Elective Credit

#### **Mining (MIN )**

**MIN 131-132 Mine Electricity I-II ( 4 CR) ( 4 CR)** Elective Credit  
**MIN 228 Mine Foreman and Ventilation Training ( 4 CR)** Elective Credit  
**MIN 287 New Miner Training - Underground ( 2 CR)** Elective Credit  
**MIN 288 New Miner Training - Surface ( 1 CR)** Elective Credit

#### **Marketing (MKT )**

**MKT 100 Principles of Marketing ( 3 CR)** BUS 3023or MKT3163  
**MKT 110 Principles of Selling ( 3 CR)** MKT4243 or elective Credit  
**MKT 116 Retail Mathematics ( 3 CR)** Elective Credit  
**MKT 120 Fundamentals of Fashion ( 3 CR)** Elective Credit

**MKT 130 Principles of Insurance ( 2- 3 CR) Elective Credit**  
**MKT 140 Traffic and Transportation ( 3 CR) Elective Credit**  
**MKT 160 Marketing for Small Business ( 3 CR) Elective Credit**  
**MKT 200 Consumers, Marketing, and Society ( 3 CR) Elective Credit**  
**MKT 201 Introduction to Marketing ( 3 CR) BUS3023 or MKT3163**  
**MKT 210 Sales Management ( 3 CR) MKT4243**  
**MKT 215 Salesmanship and Marketing Management ( 3 CR) MKT4243**  
**MKT 216 Retail Organization and Management ( 3 CR) Elective Credit**  
**MKT 220 Principles of Advertising ( 3 CR) Elective Credit**  
**MKT 225 Merchandise Information ( 3 CR) Elective Credit**  
**MKT 226 Visual Merchandising ( 3 CR) Elective Credit**  
**MKT 227 Merchandise Buying and Control ( 3 CR) Elective Credit**  
**MKT 228 Promotion ( 3 CR) Elective Credit**  
**MKT 229 Marketing Research ( 3 CR) MKT4113**  
**MKT 230 Introduction to Fashion Design ( 3 CR) Elective Credit**  
**MKT 234 Display Techniques ( 3 CR) Elective Credit**  
**MKT 235 History of Costume Design ( 3 CR) Elective Credit**  
**MKT 237 Fashion Coordination and Presentation ( 3 CR) Elective Credit**  
**MKT 238 Fashion Merchandising ( 3 CR) Elective Credit**  
**MKT 239 Market Week Selection and Buying ( 3- 4 CR) Elective Credit**  
**MKT 260 Customer Service Management ( 3 CR) Elective Credit**  
**MKT 270 Marketing Management ( 3 CR) MKT4163**  
**MKT 271 Consumer Behavior ( 3 CR) Elective Credit**  
**MKT 275 International Marketing ( 3 CR) Elective Credit**  
**MKT 276 International Marketing Management ( 3 CR) Elective Credit**  
**MKT 280 Trends in Marketing ( 3 CR) Elective Credit**  
**MKT 281 Principles of Internet Marketing ( 3 CR) MKT4213 or EBE4213**  
**MKT 282 Principles of E-Commerce ( 3 CR) MKT4213 or EBE3183**  
**MKT 283 Social, Ethical, and Legal Issues in E-Commerce ( 3 CR) Elective Credit**  
**MKT 285 Current Issues in Marketing ( 3 CR) Elective Credit**

#### **Military Sciences (MSC )**

**MSC 111-112 Military Science I-II ( 1- 2 CR)( 1- 2 CR) Elective Credit**  
**MSC 211-212 Military Science III-IV ( 1- 2 CR)( 1- 2 CR) Elective Credit**

#### **Mathematics (MTH )**

**MTH 01 Developmental Mathematics ( 1- 5 CR) – Does not transfer**  
**MTH 02 Arithmetic ( 1- 5 CR) Does not transfer**  
**MTH 03 Algebra I ( 1- 5 CR) Does not transfer**  
**MTH 04 Algebra II ( 1- 5 CR) Does not transfer**  
**MTH 05 Algebra Revisited ( 1- 5 CR) Does not transfer**  
**MTH 06 Developmental Geometry ( 1- 5 CR) Does not transfer**  
**MTH 07 Developmental Trigonometry ( 1- 5 CR) Does not transfer**

**MTH 09 Pre-Algebra ( 1- 5 CR)** Does not transfer

**MTH 21- 22 Survey of Technical Mathematics I-II ( 2- 5 CR)( 2- 5 CR)** Does not transfer; may be submitted for possible PST credit

**MTH 50 Mathematics for Teacher Entrance Exams ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit

**MTH 60 Introduction to College Algebra ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**MTH 70 Introduction to Trigonometry ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**MTH 101-102 Basic Technical Mathematics I-II ( 4 CR) ( 4 CR)** Elective credit

**MTH 103-104 Applied Technical Mathematics I-II ( 3 CR) ( 3 CR)** Elective credit

**MTH 105-106 Survey of Technical Mathematics I-II ( 2 CR) ( 2 CR)** Elective credit

**MTH 113-114 Engineering Technical Mathematics I-II ( 4- 5 CR)( 4- 5 CR)** Elective credit

**MTH 115-116 Technical Mathematics I-II ( 3 CR) ( 3 CR)** Elective credit

**MTH 120 Introduction to Mathematics ( 3 CR)** Math Gen Ed (can transfer this or MTH121 but not both, equivalent to BC Math 1213)

**MTH 121-122 Fundamentals of Mathematics I-II ( 3 CR) ( 3 CR)** Elective credit, Math Gen Ed (can transfer MTH121 or MTH120 but not both, equivalent to BC Math 1213)

**MTH 126 Mathematics for Allied Health ( 2- 3 CR)** Elective credit

**MTH 128 Mathematical Modeling in the Sciences I ( 4 CR)** Elective credit

**MTH 141-142 Business Mathematics I-II ( 3 CR) ( 3 CR)** MAT 1233, Math Gen Ed

**MTH 146 Introduction to Elementary Statistics ( 3 CR)** Elective credit, Math Gen Ed

**MTH 150 Topics in Geometry ( 3 CR)** Elective credit, Math Gen Ed

**MTH 151 Mathematics for the Liberal Arts I ( 3 CR)** Math Gen Ed

**MTH 152 Mathematics for the Liberal Arts II ( 3 CR)** Math Gen Ed

**MTH 157 Elementary Statistics ( 3 CR)** MAT 2023, Math Gen Ed

**MTH 158 College Algebra ( 3 CR)** MAT 1213, Math Gen Ed

**MTH 163 Precalculus I ( 3 CR)** MAT 1533, Math Gen Ed

**MTH 164 Precalculus II ( 3 CR)** MAT 1543, Math Gen Ed

**MTH 166 Precalculus with Trigonometry ( 4- 5 CR)** MAT 1533 or MAT 1543, Math Gen Ed

**MTH 168 Precalculus II with Introductory Calculus ( 3 CR)** MAT 1543, Math Gen Ed

**MTH 170 Foundations in Contemporary Mathematics ( 3 CR)** Elective credit

**MTH 173 Calculus with Analytic Geometry I ( 4- 5 CR)** MAT 1815, Math Gen Ed

**MTH 174 Calculus with Analytic Geometry II ( 4- 5 CR)** MAT 1825, Math Gen Ed

**MTH 175 Calculus of One Variable I ( 3 CR)** MAT 1815, Math Gen Ed

**MTH 176 Calculus of One Variable II ( 3 CR)** MAT 1825, Math Gen Ed

**MTH 177 Introductory Linear Algebra ( 2 CR)** MAT 2913, Math Gen Ed

**MTH 178 Topics in Analytic Geometry ( 2 CR)** Elective credit, Math Gen Ed

**MTH 180 Finite Mathematics ( 3 CR)** MAT 1223, Math Gen Ed

**MTH 181 Finite Mathematics I ( 3 CR)** MAT 1223, Math Gen Ed

**MTH 182 Finite Mathematics II ( 3 CR)** Elective credit, Math Gen Ed

**MTH 200 Abstract Algebra ( 3 CR)** Elective credit, Math Gen Ed

**MTH 213-214 Advanced Engineering Technical Mathematics I-II ( 3 CR) ( 3 CR)** Elective credit,

Math Gen Ed

**MTH 240 Statistics ( 3 CR)** MAT 2023, Math Gen Ed

**MTH 241 Statistics I ( 3 CR)** MAT 2023, Math Gen Ed

**MTH 242 Statistics II ( 3 CR)** Elective credit, Math Gen Ed

**MTH 243 Probability and Statistics I ( 3 CR)** Elective credit, Math Gen Ed

**MTH 244 Probability and Statistics II ( 3 CR)** Elective credit, Math Gen Ed

**MTH 250 College Geometry ( 3 CR)** MAT 3603, Math Gen Ed

**MTH 270 Applied Calculus ( 3 CR)** Elective credit, Math Gen Ed

**MTH 271 Applied Calculus I ( 3 CR)** MAT 1533, Math Gen Ed

**MTH 272 Applied Calculus II ( 3 CR)** MAT 1543, Math Gen Ed

**MTH 273 Calculus I ( 4 CR)** MAT 1815, Math Gen Ed

**MTH 274 Calculus II ( 4 CR)** MAT 1825, Math Gen Ed

**MTH 275 Multivariable Calculus and Linear Algebra ( 4 CR)** MAT 2913, Math Gen Ed

**MTH 277 Vector Calculus ( 4 CR)** Elective credit, Math Gen Ed

**MTH 279 Ordinary Differential Equations ( 4 CR)** MAT 3003, Math Gen Ed

**MTH 285 Linear Algebra ( 3 CR)** MAT 2913, Math Gen Ed

**MTH 286 Discrete Mathematics ( 4 CR)** Elective credit, Math Gen Ed

**MTH 287 Mathematical Structures ( 3 CR)** Elective credit, Math Gen Ed

**MTH 291 Differential Equations ( 3 CR)** Elective credit, Math Gen Ed

**MTH 292 Topics in Differential Equations ( 3 CR)** Elective credit, Math Gen Ed

**Motorsports Management & Technology (MTS )**

**MTS 100 Introduction to Motorsports Management ( 3 CR)** Elective Credit

**MTS 105 Fundamentals of Motorsports Technology ( 3 CR)** Elective Credit

**MTS 110 Introduction to Motorsports Marketing ( 3 CR)** Elective Credit

**MTS 115 Motorsports Safety and First Aid ( 3 CR)** Elective Credit

**MTS 120 Introduction to Motorsports Technology ( 3 CR)** Elective Credit

**MTS 125 Motorsports Technology I ( 3 CR)** Elective Credit

**MTS 126 Motorsports Technology II ( 3 CR)** Elective Credit

**MTS 130 Motorsports Chassis I ( 3 CR)** Elective Credit

**MTS 131 Motorsports Chassis II ( 3 CR)** Elective Credit

**MTS 132 Motorsports Chassis Technology III ( 3 CR)** Elective Credit

**MTS 140 Stock Car Engines I ( 3 CR)** Elective Credit

**MTS 150 Engine Machining Processes I ( 4 CR)** Elective Credit

**MTS 205 Motorsports Safety, Environmental, and Transport Issues ( 3 CR)** Elective Credit

**MTS 210 Race Car Setup I ( 3 CR)** Elective Credit

**MTS 211 Race Car Setup II ( 3- 4 CR)** Elective Credit

**MTS 240 Stock Car Engines II ( 3 CR)** Elective Credit

**MTS 241 Stock Car Engines III ( 3 CR)** Elective Credit

**MTS 250 Engine Machining Processes II ( 3 CR)** Elective Credit

**Music (MUS )**

**MUS 08 Fundamentals of Music ( 3 CR)** Does not transfer

**MUS 101-102 Basic Musicianship I-II ( 3 CR) ( 3 CR)** MUS 1631& MUS 1641 or MUS 2631, MUS 2641 (based on individual assessment), Gen Ed

**MUS 111-112 Music Theory I-II ( 4 CR) ( 4 CR)** MUS 1613 & MUS 1623, Gen Ed, Additional Area Fine Arts

**MUS 121-122 Music Appreciation I-II ( 3 CR) ( 3 CR)** MUS 1413, Gen Ed, Additional Area Fine Arts

**MUS 125 American Music ( 3 CR)** Gen Ed, Elective credit, Additional Area Fine Arts

**MUS 130 Overview of the Recording Industry ( 1 CR)** Elective credit

**MUS 131-132 Class Voice I-II ( 2 CR) ( 2 CR)** MUS 1031, MUS 1041, Gen Ed, Additional Area Fine Arts

**MUS 133-134 Recording Systems Services I-II ( 3 CR) ( 3 CR)** Elective credit, Additional Area Fine Arts

**MUS 136 Applied Music-Voice ( 1- 2 CR)** MUS 1012, Gen Ed, Additional Area Fine Arts

**MUS 137 Chorus Ensemble ( 1- 2 CR)** MUS 1311, Gen Ed, Additional Area Fine Arts

**MUS 138 Small Vocal Ensemble ( 1- 2 CR)** MUS 1371, Gen Ed, Additional Area Fine Arts

**MUS 140 Introduction to Recording Techniques ( 3 CR)** Elective credit

**MUS 141-142 Class Piano I-II ( 2 CR) ( 2 CR)** MUS 1071, MUS 1081, Gen Ed, Additional Area Fine Arts

**MUS 145 Applied Music - Keyboard ( 1- 2 CR)** MUS 1051, Gen Ed, Additional Area Fine Arts

**MUS 148 Orchestra Ensemble ( 1- 2 CR)** MUS 2501, Gen Ed, Additional Area Fine Arts

**MUS 149 Band Ensemble ( 1- 2 CR)** MUS 2501, Gen Ed, Additional Area Fine Arts

**MUS 155 Applied Music - Woodwinds ( 1- 2 CR)** Accepted as Applied Music credit for Music majors (Music department chair determines whether instrument is primary or secondary depending on student's Music concentration), counts toward Gen Ed, Additional Area Fine Arts, or Elective credit for all others

**MUS 157 Sound Studio Design ( 3 CR)** Elective credit, Additional Area Fine Arts

**MUS 158 Recording Studio Electronics: Theory and Maintenance ( 3 CR)** Elective credit, Additional Area Fine Arts

**MUS 159 Improvisational Techniques ( 3 CR)** Elective credit, Additional Area Fine Arts

**MUS 161 Class Strings ( 2 CR)** Elective credit, Additional Area Fine Arts

**MUS 163-164 Guitar Theory and Practice I-II ( 3 CR) ( 3 CR)** Gen Ed, Elective credit, Additional Area Fine Arts

**MUS 165 Applied Music - Strings ( 1- 2 CR)** Accepted as Applied Music credit for Music majors (Music department chair determines whether instrument is primary or secondary depending on student's Music concentration), counts toward Gen Ed, Additional Area Fine Arts, or Elective credit for all others

**MUS 175 Applied Music - Brass ( 1- 2 CR)** Accepted as Applied Music credit for Music majors (Music department chair determines whether instrument is primary or secondary depending on student's Music concentration), counts toward Gen Ed, Additional Area Fine Arts, or Elective credit for all others

**MUS 179 Music Copyright Law ( 1 CR)** Elective credit, Additional Area Fine Arts

**MUS 185 Applied Music - Percussion ( 1- 2 CR)** Accepted as Applied Music credit for Music majors (Music department chair determines whether instrument is primary or secondary

depending on student's Music concentration), counts toward Gen Ed, Additional Area Fine Arts, or Elective credit for all others

**MUS 211-212 Advanced Music Theory I-II ( 4 CR) ( 4 CR)** MUS 2613, MUS 2623, Gen Ed, Additional Area Fine Arts

**MUS 213-214 Composition I-II ( 3 CR) ( 3 CR)** Elective credit, Additional Area Fine Arts, Gen Ed

**MUS 221-222 History of Music I-II ( 3 CR) ( 3 CR)** MUS 3573, MUS 3583, Additional Area Fine Arts

**MUS 225 The History of Jazz ( 3 CR)** Elective credit, Additional Area Fine Arts, Gen Ed

**MUS 227 Editing and Mixdown Techniques ( 3 CR)** Elective credit, Additional Area Fine Arts

**MUS 231-232 Advanced Class Voice I-II ( 2 CR) ( 2 CR)** Elective credit, Additional Area Fine Arts, Gen Ed

**MUS 235 Advanced Recording Techniques ( 3 CR)** Elective credit, Additional Area Fine Arts

**MUS 236 Advanced Applied Music - Voice ( 1- 2 CR)** MUS 2012, Additional Area Fine Arts, Gen Ed

**MUS 237 Chorus Ensemble ( 1- 2 CR)** MUS 1331, Additional Area Fine Arts, Gen Ed

**MUS 238 Small Vocal Ensemble ( 1- 2 CR)** MUS 1371, Additional Area Fine Arts, Gen Ed

**MUS 241-242 Advanced Class Piano I-II ( 2 CR) ( 2 CR)** MUS 2071, MUS 2081, Additional Area Fine Arts, Gen Ed

**MUS 245 Advanced Applied Music - Keyboard ( 1- 2 CR)** MUS 2011, Additional Area Fine Arts, Gen Ed

**MUS 248 Orchestra ( 1- 2 CR)** MUS 2501, Additional Area Fine Arts, Gen Ed

**MUS 249 Band Ensemble ( 1- 2 CR)** MUS 2501, Additional Area Fine Arts, Gen Ed

**MUS 255 Advanced Applied Music - Woodwinds ( 1- 2 CR)** Accepted as Applied Music credit for Music majors (Music department chair determines whether instrument is primary or secondary depending on student's Music concentration), counts toward Gen Ed, Additional Area Fine Arts or Elective credit for all others.

**MUS 259 Advanced Improvisational Techniques ( 3 CR)** Additional Area Fine Arts, Gen Ed, Elective credit

**MUS 260 Acoustics ( 3 CR)** Additional Area Fine Arts, Gen Ed, Elective credit

**MUS 265 Advanced Applied Music - Strings ( 1- 2 CR)** Accepted as Applied Music credit for Music majors (Music department chair determines whether instrument is primary or secondary depending on student's Music concentration), counts toward Gen Ed, Additional Area Fine Arts, or Elective credit for all others

**MUS 275 Advanced Applied Music - Brass ( 1- 2 CR)** Accepted as Applied Music credit for Music majors (Music department chair determines whether instrument is primary or secondary depending on student's Music concentration), counts toward Gen Ed, Additional Area Fine Arts, or Elective credit for all others

**MUS 278 Multichannel Recording Workshop ( 2 CR)** Additional Area Fine Arts, Elective credit

**MUS 285 Advanced Applied Music - Percussion ( 1- 2 CR)** Additional Area Fine Arts, Gen Ed, Elective credit

**MUS 288 Recording Problems Seminar ( 2 CR)** Additional Area Fine Arts, Elective credit

### **Natural Science (NAS )**

- NAS 02 Foundations of Life Sciences ( 1- 4 CR)** Does not transfer
- NAS 03 Introduction to Chemical Principles ( 1- 6 CR)** Does not transfer
- NAS 05 Sciences ( 3 CR)** Does not transfer
- NAS 100 Survey of Science ( 3- 4 CR)** Additional Area Science
- NAS 101-102 Natural Sciences I-II ( 4 CR) ( 4 CR)** Gen Ed Science, Additional Area Science
- NAS 105 Natural Science Topics for Modern Society ( 2- 3 CR)** Additional Area Science
- NAS 106 Conservation of Natural Resources ( 3 CR)** Additional Area Science
- NAS 110 Elementary Physical Science ( 3 CR)** Additional Area Science
- NAS 111-112 Physical Science I-II ( 4 CR) ( 4 CR)** PHS 1034
- NAS 120 Introductory Meteorology ( 3 CR)** Additional Area Science, Elective credit
- NAS 125 Meteorology ( 4 CR)** Gen Ed Science, Additional Area Science
- NAS 130 Elements of Astronomy ( 4 CR)** Gen Ed Science, Additional Area Science
- NAS 131-132 Astronomy I-II ( 4 CR) ( 4 CR)** Gen Ed Science, Additional Area Science
- NAS 145 Introduction to Natural History ( 3 CR)** Additional Area Science
- NAS 150 Human Biology ( 3- 4 CR)** Gen Ed Science, Additional Area Science
- NAS 161-162 Health Science I-II ( 4 CR) ( 4 CR)** Gen Ed Science, Additional Area Science Gen Ed Science, Additional Area Science
- NAS 171-172 Human Anatomy and Physiology I-II ( 4 CR) ( 4 CR)** BIO 2014, BIO 2024, Gen Ed Science, Additional Area Science
- NAS 176 Anatomy and Physiology of the Eye ( 3 CR)** Additional Area Science
- NAS 177 Upper Extremity Anatomy and Kinesiology ( 1 CR)** Additional Area Science
- NAS 185 Microbiology ( 4 CR)** Gen Ed Science, Additional Area Science
- NAS 215 Man in His Environment ( 6 CR)** Elective credit
- NAS 230 Underwater Research in Geology and Oceanography ( 4 CR)** Additional Area Science

### **Nursing (NUR )**

- NUR 21 Nurse Aide Clinical Experience ( 1- 2 CR)** Does not transfer; may be submitted for possible PST credit
- NUR 25 Nursing Assistant ( 3 CR)** Does not transfer; may be submitted for possible PST credit
- NUR 26 Nursing Assistant Advanced ( 3 CR)** Does not transfer; may be submitted for possible PST credit
- NUR 27 Nurse Aide I ( 3- 5 CR)** Does not transfer; may be submitted for possible PST credit
- NUR 29 Home Health Aide ( 2- 3 CR)** Does not transfer; may be submitted for possible PST credit
- NUR 31 Advanced Skills for Nurse Aides ( 2- 3 CR)** Does not transfer; may be submitted for possible PST credit
- NUR 100 Introduction to Nursing and Health ( 1- 2 CR)** Elective Credit
- NUR 104 Fundamentals of Nursing ( 6 CR)** Elective Credit
- NUR 105 Nursing Skills ( 2- 3 CR)** Elective Credit
- NUR 107 Issues in Practical Nursing ( 1 CR)** Elective Credit
- NUR 108 Nursing Principles and Concepts I ( 5- 6 CR)** Elective Credit
- NUR 109 Nursing Principles and Concepts II ( 5- 6 CR)** Elective Credit

**NUR 110 Introduction to Nursing & Health ( 1- 3 CR)** Elective Credit  
**NUR 111 Nursing I ( 7- 8 CR)** Elective Credit  
**NUR 112-113 Nursing II-III ( 7- 8 CR)( 7- 8 CR)** Elective Credit  
**NUR 114 Geriatric Nursing ( 3- 4 CR)** Elective Credit  
**NUR 115 LPN Transition ( 2- 7 CR)** Elective Credit  
**NUR 116 Selected Nursing Concepts ( 1- 2 CR)** Elective Credit  
**NUR 117 Communication, Nursing Process and Care Planning ( 1 CR)** Elective Credit  
**NUR 119 Health Care Systems in a Multicultural Environment ( 2 CR)** Elective Credit  
**NUR 120 Nursing Terminology and Charting ( 1- 2 CR)** Elective Credit  
**NUR 121 Nursing Fundamentals I (10 CR)** Elective Credit  
**NUR 122 Nursing Fundamentals II ( 9-10 CR)** Elective Credit  
**NUR 135 Drug Dosage Calculations ( 1- 2 CR)** Elective Credit  
**NUR 136-137 Principles of Pharmacology I-II ( 1- 2 CR)( 1- 2 CR)** Elective Credit  
**NUR 140 Introduction to Surgical Care ( 2 CR)** Elective Credit  
**NUR 141 Fundamentals of Surgical Care I ( 3 CR)** Elective Credit  
**NUR 142 Fundamentals of Surgical Care II ( 3 CR)** Elective Credit  
**NUR 150 Community-Based Nursing in a Multicultural Environment ( 3 CR)** Elective Credit  
**NUR 161 Nursing Perspectives ( 1 CR)** Elective Credit  
**NUR 162 Home Health Care ( 2 CR)** Elective Credit  
**NUR 170 Essentials of Medical/Surgical Nursing ( 4 CR)** Elective Credit  
**NUR 180 Essentials of Maternal/Newborn Nursing ( 3- 4 CR)** Elective Credit  
**NUR 200 Essentials of Mental Health Nursing ( 3 CR)** Elective Credit  
**NUR 201 Psychiatric Nursing ( 4 CR)** Elective Credit  
**NUR 202 Medical/Surgical Nursing I ( 3- 4 CR)** Elective Credit  
**NUR 204 Mental Health Nursing ( 5- 6 CR)** Elective Credit  
**NUR 205 Introduction to Second Level Nursing ( 5- 6 CR)** Elective Credit  
**NUR 206 Maternity/Women's Health Nursing ( 5- 6 CR)** Elective Credit  
**NUR 207 Pediatric Nursing ( 5- 6 CR)** Elective Credit  
**NUR 208 Acute Medical-Surgical Nursing ( 5- 6 CR)** Elective Credit  
**NUR 209 Surgical Procedures I ( 4 CR)** Elective Credit  
**NUR 210 Surgical Procedures II ( 4 CR)** Elective Credit  
**NUR 211-212 Second Level Nursing I, II ( 7- 8 CR)( 7- 8 CR)** Elective Credit  
**NUR 213-214 Second Level Nursing III, IV ( 7- 8 CR)( 7- 8 CR)** Elective Credit  
**NUR 221-222 Second Level Nursing Principles and Concepts I, II ( 9-10 CR)( 9-10 CR)** Elective Credit  
**NUR 223 Second Level Nursing Principles and Concepts III ( 9-10 CR)** Elective Credit  
**NUR 225 Nursing Process ( 1- 3 CR)** Elective Credit  
**NUR 226 Health Assessment ( 2- 3 CR)** Elective Credit  
**NUR 230 Pharmacology ( 3 CR)** Elective Credit  
**NUR 235 Intravenous Therapy ( 1- 2 CR)** Elective Credit  
**NUR 236-237 Principles of Pharmacology III-IV ( 1- 2 CR)( 1- 2 CR)** Elective Credit  
**NUR 241-242 Nursing the Critically Ill Individual I-II ( 3 CR) ( 3 CR)** Elective Credit  
**NUR 245 Maternal/Newborn Nursing ( 3 CR)** Elective Credit

**NUR 246 Parent/Child Nursing ( 3 CR) Elective Credit**  
**NUR 247 Psychiatric/Mental Health Nursing ( 3 CR) Elective Credit**  
**NUR 254 Dimensions of Professional Nursing ( 1- 2 CR) Elective Credit**  
**NUR 255 Nursing Organization and Management ( 2- 3 CR) Elective Credit**  
**NUR 257 Management of Client Care ( 2 CR) Elective Credit**  
**NUR 258 Advanced Management in Nursing ( 2 CR) Elective Credit**  
**NUR 264 Reentry into Registered Nursing ( 6 CR) Elective Credit**  
**NUR 265 Electrocardiogram Interpretation ( 2- 3 CR) Elective Credit**  
**NUR 266 Introduction to Basic Dysrhythmia Interpretation ( 1 CR) Elective Credit**  
**NUR 280 Introduction to Perioperative Nursing ( 4 CR) Elective Credit**  
**NUR 281 Advanced Perioperative Nursing ( 5 CR) Elective Credit**

#### **Occupational Therapy (OCT )**

**OCT 100 Introduction to Occupational Therapy ( 3 CR) Elective Credit**  
**OCT 201 Occupational Therapy With Psychosocial Dysfunction ( 3 CR) Elective Credit**  
**OCT 202 Occupational Therapy With Physical Disabilities ( 4 CR) Elective Credit**  
**OCT 203 Occupational Therapy with Developmental Disabilities ( 4 CR) Elective Credit**  
**OCT 205 Therapeutic Media ( 2- 3 CR) Elective Credit**  
**OCT 206 Dyadic and Group Dynamics ( 3 CR) Elective Credit**  
**OCT 207 Therapeutic Skills ( 3- 4 CR) Elective Credit**  
**OCT 208 Occupational Therapy Service Management ( 3 CR) Elective Credit**  
**OCT 210 Assistive Technology in Occupational Therapy ( 2 CR) Elective Credit**  
**OCT 220 Occupational Therapy for the Adult ( 2 CR) Elective Credit**

#### **Ophthalmic Medical Personnel (OMP )**

**OMP 105 Anatomy, Physiology, and Pathology of the Eye ( 3 CR) Elective Credit**  
**OMP 115 Ophthalmic Optics and Ethics ( 4 CR) Elective Credit**

#### **Opticianry (OPT )**

**OPT 111 Optical Laboratory Science I ( 4 CR) Elective Credit**  
**OPT 112 Optical Laboratory Science II ( 4 CR) Elective Credit**  
**OPT 121 Optical Theory I ( 3- 4 CR) Elective Credit**  
**OPT 122 Optical Theory II ( 3- 4 CR) Elective Credit**  
**OPT 123 Optical Theory III ( 3 CR) Elective Credit**  
**OPT 130 Optometric Practice Management ( 2- 3 CR) Elective Credit**  
**OPT 140 Introduction to Ophthalmic Dispensing ( 3 CR) Elective Credit**  
**OPT 141 Optometric Clinical Procedures I ( 3 CR) Elective Credit**  
**OPT 142 Optometric Clinical Procedures II ( 3 CR) Elective Credit**  
**OPT 143 Optical Business Topics ( 1 CR) Elective Credit**  
**OPT 150 Optical Laboratory Theory I ( 3 CR) Elective Credit**  
**OPT 151 Optical Laboratory Theory II ( 3 CR) Elective Credit**  
**OPT 152 Optical Laboratory Clinical I ( 3 CR) Elective Credit**  
**OPT 153 Optical Laboratory Clinical II ( 3 CR) Elective Credit**

**OPT 154 Optical Business Management ( 3 CR)** Elective Credit  
**OPT 160 Optical Dispensing Theory I ( 3 CR)** Elective Credit  
**OPT 165 Optical Dispensing Clinical I ( 2 CR)** Elective Credit  
**OPT 215 Opticianry Sales and Business Management ( 2 CR)** Elective Credit  
**OPT 221 Optical Theory IV ( 4 CR)** Elective Credit  
**OPT 222 Optical Theory V ( 4 CR)** Elective Credit  
**OPT 230 Introduction to Contact Lenses ( 3 CR)** Elective Credit  
**OPT 231 Contact Lenses I ( 4 CR)** Elective Credit  
**OPT 232 Contact Lenses II ( 4 CR)** Elective Credit  
**OPT 241-242 Ophthalmic Dispensing I-II ( 4 CR) ( 4 CR)** Elective Credit  
**OPT 253 Current Optical Trends ( 2 CR)** Elective Credit  
**OPT 255 Advanced Optical Dispensing Theory ( 3 CR)** Elective Credit  
**OPT 260 Optical Dispensing Theory II ( 3 CR)** Elective Credit  
**OPT 265 Geometric Optics for Opticians ( 3 CR)** Elective Credit  
**OPT 270 Advanced Contact Lens Theory ( 3 CR)** Elective Credit  
**OPT 271 Optical Dispensing Clinical II ( 2- 3 CR)** Elective Credit  
**OPT 272 Optical Dispensing Clinical III ( 3 CR)** Elective Credit  
**OPT 273 Contact Lens Theory I ( 3 CR)** Elective Credit  
**OPT 274 Contact Lens Theory II ( 3 CR)** Elective Credit  
**OPT 280 Contact Lens Clinical ( 3 CR)** Elective Credit  
**OPT 285 Introduction to Principles of Refraction ( 3 CR)** Elective Credit  
**OPT 286 Applications of the Principles of Refraction ( 4 CR)** Elective Credit

#### **Public Service (PBS )**

**PBS 100 Introduction to Public Administration ( 3 CR)** Elective Credit  
**PBS 105 Personnel Management in the Public Sector ( 3 CR)** Elective Credit  
**PBS 115 Urban and Environmental Problems ( 3 CR)** Elective Credit  
**PBS 116 Public Budgeting and Finance ( 3 CR)** Elective Credit  
**PBS 120 Introduction to Community and Social Service ( 3 CR)** Elective Credit  
**PBS 135 Labor/Management Relations in the Public Sector ( 3 CR)** Elective Credit  
**PBS 136 Grantsmanship ( 3 CR)** Elective Credit  
**PBS 200 Ethics in the Public Sector ( 3 CR)** Elective Credit  
**PBS 240 Constitutional Law ( 3 CR)** Elective Credit  
**PBS 255 Management of the Modern City ( 3 CR)** Elective Credit  
**PBS 265 Interviewing ( 3 CR)** Elective Credit  
**PBS 266 Group Leadership ( 3 CR)** Elective Credit

#### **Physical Education and Recreation (PED )**

**PED 101-102 Fundamentals of Physical Activity I-II ( 1- 2 CR)( 1- 2 CR)** ESS 1351  
**PED 103-104 Aerobic Fitness I-II ( 1- 2 CR)( 1- 2 CR)** ESS 1131, PE req  
**PED 105-106 Aerobic Dance I-II ( 1- 2 CR)( 1- 2 CR)** ESS 1131, PE req  
**PED 107-108 Exercise and Nutrition ( 1- 2 CR)( 1- 2 CR)** Elective credit  
**PED 109 Yoga ( 1- 2 CR)** ESS 1131, PE req

**PED 111-112 Weight Training I-II ( 1- 2 CR)( 1- 2 CR)** General Education ESS 1041, PE req  
**PED 113-114 Lifetime Activities I-II ( 1- 2 CR)( 1- 2 CR)** Elective credit  
**PED 115 Recreational Activities ( 1- 2 CR)** Elective credit  
**PED 116 Lifetime Fitness and Wellness ( 1- 2 CR)** ESS 1131, PE req  
**PED 117 Fitness Walking ( 1 CR)** ESS 1131, PE req  
**PED 121-122 Racketball I-II ( 1- 2 CR)( 1- 2 CR)** ESS 1361, PE req  
**PED 123-124 Tennis I-II ( 1- 2 CR)( 1- 2 CR)** ESS 1361, PE req  
**PED 125 Badminton ( 1- 2 CR)** ESS 1361, PE req  
**PED 126 Archery ( 1- 2 CR)** Elective Credit  
**PED 127 Cycling ( 1- 2 CR)** Elective Credit  
**PED 128 Horseback Riding ( 1- 2 CR)** Elective Credit  
**PED 129 Self-Defense ( 1- 2 CR)** Physical Education Gen Ed Req, PE req  
**PED 130 Beginning Motorcycle Riding ( 2 CR)** Elective Credit  
**PED 131 Fencing ( 1- 2 CR)** Elective Credit  
**PED 133-134 Golf I-II ( 1- 2 CR)( 1- 2 CR)** ESS 1081, PE req  
**PED 135-136 Bowling I-II ( 1- 2 CR)( 1- 2 CR)** Elective credit  
**PED 137-138 Martial Arts I-II ( 1- 2 CR)( 1- 2 CR)** Elective credit  
**PED 139 Ice Skating ( 1- 2 CR)** Elective credit  
**PED 140 Water Aerobics ( 1- 2 CR)** Elective credit  
**PED 141-142 Swimming I-II ( 1- 2 CR)( 1- 2 CR)** ESS 1101, PE req  
**PED 143 Lifeguard Training ( 2- 3 CR)** ESS 1312, PE req  
**PED 144 Skin and Scuba Diving ( 1- 2 CR)** Elective credit  
**PED 147 Hiking ( 1- 2 CR)** Elective credit  
**PED 148 Snowboarding ( 1 CR)** Elective credit  
**PED 150 Soccer ( 1- 2 CR)** ESS 1061, PE req  
**PED 152 Basketball ( 1- 2 CR)** ESS 1061, PE req  
**PED 154 Volleyball ( 1- 2 CR)** ESS 1071, PE req  
**PED 155 Wallyball ( 1- 2 CR)** Elective credit  
**PED 156 Softball ( 1- 2 CR)** Elective credit  
**PED 160 Modern Dance ( 1- 2 CR)** ESS 1111, PE req  
**PED 161-162 Dance Production I-II ( 1- 2 CR)( 1- 2 CR)** ESS 1111, PE req  
**PED 163-164 Jazz I-II ( 1- 2 CR)( 1- 2 CR)** ESS 1111, PE req  
**PED 166 Ballet ( 1- 2 CR)** ESS 1111, PE req  
**PED 167 Dance Improvisation ( 1- 2 CR)** ESS 1111, PE req  
**PED 171-172 Ballroom Dance I-II ( 1- 2 CR)( 1- 2 CR)** ESS 1111, PE req  
**PED 173 Rock Climbing and Rappelling ( 1- 2 CR)** Elective credit  
**PED 174 Shooting and Firearm Safety ( 1- 2 CR)** Does not transfer  
**PED 176 Camping ( 1- 2 CR)** Elective credit  
**PED 177 Basic Canoeing ( 1- 2 CR)** Elective credit  
**PED 178 Whitewater Canoeing ( 1- 2 CR)** Elective credit  
**PED 179 Wilderness Survival ( 1- 2 CR)** Elective credit  
**PED 180 Orienteering ( 1- 2 CR)** Elective credit  
**PED 181-182 Downhill Skiing I-II ( 1- 2 CR)( 1- 2 CR)** ESS 1251, PE req

**PED 183-184 Outdoor Adventures I-II ( 1- 2 CR)( 1- 2 CR)** ESS 1101, PE req  
**PED 187 Backpacking ( 1- 2 CR)** ESS 1101, PE req  
**PED 188 Freshwater Fishing ( 1- 2 CR)** ESS1351  
**PED 189 Saltwater Fishing ( 1- 2 CR)** ESS1351  
**PED 191 Intermediate Freshwater Fishing ( 1 CR)** Does not transfer  
**PED 206 Sports Appreciation ( 2 CR)** Elective credit  
**PED 220 Adult Health and Development ( 2- 3 CR)** Elective credit  
**PED 245 Lifeguard Training ( 2 CR)** ESS 1312, PE req  
**PED 246 Water Safety Instructor ( 2 CR)** ESS 2012, PE req

#### **Philosophy (PHI )**

**PHI 100 Introduction to Philosophy ( 3 CR)** CST 1413, Gen Ed  
**PHI 101-102 Introduction to Philosophy I-II ( 3 CR) ( 3 CR)** CST 1413  
**PHI 111 Logic I ( 3 CR)** CST 1423  
**PHI 112 Logic II ( 3 CR)** CST 1423  
**PHI 115 Practical Reasoning ( 3 CR)** CST 1423  
**PHI 200 The History of Western Philosophy ( 3 CR)** CST 1413  
**PHI 211-212 The History of Western Philosophy I-II ( 3 CR) ( 3 CR)** Elective credit  
**PHI 220 Ethics ( 3 CR)** CST4403  
**PHI 225 Selected Problems in Applied Ethics ( 3 CR)** Elective credit  
**PHI 226 Social Ethics ( 3 CR)** Elective credit  
**PHI 227 Bio-Medical Ethics ( 3 CR)** Elective credit  
**PHI 229 Advanced Biomedical Ethics ( 3 CR)** Elective credit  
**PHI 260 Studies in Eastern Thinking ( 3 CR)** CST 3373  
**PHI 265 Philosophy of Religion ( 3 CR)** CST 3414  
**PHI 266 Philosophical Experience ( 3 CR)** Elective credit  
**PHI 276 Women and Western Philosophy ( 3 CR)** Elective credit

#### **Photography (PHT )**

**PHT 100 Introduction to Photography ( 2 CR)** Elective credit  
**PHT 101-102 Photography I-II ( 3 CR) ( 3 CR)** Elective credit  
**PHT 105 Basic Photography ( 3- 4 CR)** Elective credit  
**PHT 106 Visual Literacy: The Photographic Image ( 3 CR)** Elective credit  
**PHT 107 Nature Photography ( 3 CR)** Elective credit  
**PHT 110 History of Photography ( 3 CR)** Elective credit  
**PHT 112 History of Contemporary Trends ( 3 CR)** Elective credit  
**PHT 126 Introduction to Video Techniques ( 3 CR)** Elective credit  
**PHT 135 Electronic Darkroom ( 3 CR)** Elective credit  
**PHT 140 Video Production in the Field ( 3 CR)** Elective credit  
**PHT 201-202 Advanced Photography I-II ( 3 CR) ( 3 CR)** Elective credit  
**PHT 205 Zone System in Photography ( 3 CR)** Elective credit  
**PHT 206 Large Format Photography ( 3 CR)** Elective credit  
**PHT 207 Color Slide Workshop ( 3 CR)** Elective credit

**PHT 211-212 Color Photography I-II ( 3 CR) ( 3 CR)** Elective credit  
**PHT 216 Wildlife Photography ( 3 CR)** Elective credit  
**PHT 221-222 Studio Lighting I-II ( 3 CR) ( 3 CR)** Elective credit  
**PHT 226 Commercial Photography ( 3 CR)** Elective credit  
**PHT 227 Photographic Careers ( 3 CR)** Elective credit  
**PHT 231-232 Photojournalism I-II ( 3 CR) ( 3 CR)** Elective credit  
**PHT 246 Advanced Photographic Printing ( 3 CR)** Elective credit  
**PHT 247 Alternative Photographic Processes ( 3 CR)** Elective credit  
**PHT 250 Business Principles for Video Production ( 2 CR)** Elective credit  
**PHT 256 Communicating Through the Photographic Sequence ( 3 CR)** Elective credit  
**PHT 262-263 Audio-Visual Presentations on the Computer I-II ( 4 CR) ( 4 CR)** Elective credit  
**PHT 264 Digital Photography ( 3 CR)** Elective credit  
**PHT 265 Mass Media into the Twenty-First Century ( 3 CR)** Elective credit  
**PHT 270-271 Digital Imaging I & II ( 3 CR) ( 3 CR)** Elective credit

### **Physics (PHY )**

**PHY 01 Basic Physics ( 1- 5 CR)** Does not transfer  
**PHY 10 Introduction to Physics ( 2 CR)** – Does not transfer; may be submitted for possible PST credit  
**PHY 35 Electricity ( 2 CR)** Does not transfer; may be submitted for possible PST credit  
**PHY 36 Heat and Thermodynamics ( 2 CR)** Does not transfer; may be submitted for possible PST credit  
**PHY 37 Mechanical Properties of Matter ( 2 CR)** Does not transfer; may be submitted for possible PST credit  
**PHY 100 Elements of Physics ( 4 CR)** PHY 2014, Gen Ed, Additional Area Science  
**PHY 101-102 Introduction to Physics I-II ( 4 CR) ( 4 CR)** PHY 2014, PHY 2024, Gen Ed, Additional Area Science  
**PHY 111-112 Technical Physics I-II ( 4 CR) ( 4 CR)** PHY 2014, PHY 2024, Gen Ed, Additional Area Science  
**PHY 121-122 Principles of Physics I-II ( 4 CR) ( 4 CR)** PHY 2014, PHY 2024, Gen Ed, Additional Area Science  
**PHY 130 Survey of Applied Physics ( 3 CR)** Additional Area Science  
**PHY 131-132 Applied Physics I-II ( 3 CR) ( 3 CR)** Additional Area Science  
**PHY 155 Topics in Contemporary Physics ( 2 CR)** Elective Credit  
**PHY 201-202 General College Physics I-II ( 4 CR) ( 4 CR)** PHY 2014, PHY 2024, Additional Area Science  
**PHY 231-232 General University Physics I-II ( 5 CR) ( 5 CR)** PHY 2014, PHY 2024, Gen Ed, Additional Area Science  
**PHY 241-242 University Physics I-II ( 4 CR) ( 4 CR)** PHY 2014, PHY 2024, Additional Area Science  
**PHY 243 Modern Physics ( 4 CR)** PHY 2024, Gen Ed, Additional Area Science

### **Political Science (PLS )**

**PLS 120 Introduction to Political Science ( 3 CR)** Gen Ed, Additional Area Social Science, Elective credit

**PLS 130 Basics of American Politics ( 2- 3 CR)** Additional Area Social Science (must be taken for 3 hours credit)

**PLS 135 American National Politics ( 3 CR)** PLS 1013

**PLS 136 State and Local Politics ( 3 CR)** PLS2043 Additional Area Social Science

**PLS 211-212 U.S. Government I-II ( 3 CR) ( 3 CR)** Both semesters required for equivalency to PLS 1013; either semester meets Additional Area Social Science requirement or elective requirement

**PLS 241 International Relations I ( 3 CR)** Additional Area Social Science

**PLS 242 International Relations II ( 3 CR)** Additional Area Social Science

### **Practical Nursing (PNE )**

**PNE 116 Normal Nutrition ( 1 CR)** Elective credit

**PNE 120 Introduction to Nursing Process ( 1 CR)** Elective credit

**PNE 130 Maternity Nursing ( 3- 4 CR)** Elective credit

**PNE 135 Maternal and Child Health Nursing ( 5 CR)** Elective credit

**PNE 141-142 Nursing Skills I-II ( 2- 3 CR)( 2- 3 CR)** Elective credit

**PNE 143 Applied Nursing Skills ( 1 CR)** Elective credit

**PNE 145 Trends in Practical Nursing ( 1 CR)** Elective credit

**PNE 146 Fundamentals of Practical Nursing ( 6 CR)** Elective credit

**PNE 151 Medical-Surgical Nursing I ( 4 CR)** Elective credit

**PNE 152 Medical-Surgical Nursing II ( 4- 5 CR)** Elective credit

**PNE 155 Body Structure and Function ( 3- 4 CR)** Elective credit

**PNE 156 Nursing Across the Life Span ( 4 CR)** Elective credit

**PNE 157 Pediatrics ( 4- 5 CR)** Elective credit

**PNE 158 Mental Health and Psychiatric Nursing ( 1- 2 CR)** Elective credit

**PNE 161 Nursing in Health Changes I ( 6- 7 CR)** Elective credit

**PNE 162 Nursing in Health Changes II (10-11 CR)** Elective credit

**PNE 163 Nursing in Health Changes III ( 8- 9 CR)** Elective credit

**PNE 164 Nursing in Health Changes IV (10-11 CR)** Elective credit

**PNE 173 Pharmacology for Practical Nurses ( 1- 2 CR)** Elective credit

**PNE 174 Applied Pharmacology for Practical Nurses ( 1- 2 CR)** Elective credit

**PNE 181-182 Clinical Experience I-II ( 5 CR) ( 5 CR)** Elective credit

**PNE 184 Clinical Practicum ( 9-10 CR)** Elective credit

**PNE 186 Nursing Concepts I ( 6 CR)** Elective credit

**PNE 187 Nursing Concepts II ( 9 CR)** Elective credit

**PNE 188 Nursing Concepts III ( 6 CR)** Elective credit

### **Printing (PNT )**

**PNT 110 Survey of Reproduction Processes ( 3 CR)** Elective credit

**PNT 131 Principles of Lithography I ( 4 CR)** Elective credit

**PNT 132 Principles of Lithography II ( 4 CR)** Elective credit  
**PNT 135 Print Imaging ( 2 CR)** Elective credit  
**PNT 141 Printing Applications ( 3 CR)** Elective credit  
**PNT 155 Process Photography ( 2 CR)** Elective credit  
**PNT 211 Electronic Publishing I ( 3 CR)** Elective credit  
**PNT 212 Electronic Publishing II ( 3 CR)** Elective credit  
**PNT 213 Electronic Publishing III ( 3 CR)** Elective credit  
**PNT 221 Layout and Design I ( 3 CR)** Elective credit  
**PNT 222 Layout and Design II ( 3 CR)** Elective credit  
**PNT 223 Layout and Design III ( 3 CR)** Elective credit  
**PNT 231 Lithographic Chemistry ( 2 CR)** Elective credit  
**PNT 241 Advanced Printing Applications ( 3- 4 CR)** Elective credit  
**PNT 245 Production Planning and Estimating ( 4 CR)** Elective credit  
**PNT 251-252 Offset Press Operations I-II ( 4 CR) ( 4 CR)** Elective credit  
**PNT 255 Color Photography ( 3 CR)** Elective credit  
**PNT 260 Color Separation ( 3 CR)** Elective credit  
**PNT 264 Color Image Assembly ( 4- 5 CR)** Elective credit

#### **Pulp & Paper Technology (PPT )**

**PPT 172 Pulp and Paper Operations II ( 4 CR)** Elective credit  
**PPT 250 Paper Recycling Technologies ( 3 CR)** Elective credit  
**PPT 275 Pulp and Paper Mill Maintenance ( 3 CR)** Elective credit  
**PPT 276 Processes of Pulping ( 3 CR)** Elective credit  
**PPT 277 Papermaking Processes ( 3 CR)** Elective credit  
**PPT 278 Instruments and Controls ( 3 CR)** Elective credit  
**PPT 279 Converting and Printing Processes ( 3 CR)** Elective credit

#### **Public Safety Communications (PSA )**

**PSA 100 Introduction to Public Safety Communications ( 3 CR)** Elective credit  
**PSA 201 Public Safety Communications Supervision I ( 3 CR)** Elective credit  
**PSA 202 Public Safety Communications Supervision II ( 3 CR)** Elective credit  
**PSA 203 Current Issues in Public Safety Communications ( 3 CR)** Elective credit

#### **Polysomnographic Technology (PSG)**

**PSG 101 Polysomnography I (3-4 CR)** Elective credit  
**PSG 103 Polysomnography Record Evaluation (3 CR)** Elective credit  
**PSG 164 Polysomnography Clinical Procedures I (4 CR)** Elective credit

#### **Psychology (PSY )**

**PSY 01 Preparation for College ( 1- 3 CR)** Does not transfer  
**PSY 100 Principles of Applied Psychology ( 2- 3 CR)** Elective Credit  
**PSY 105 Psychology of Personal Adjustment ( 3 CR)** Elective Credit  
**PSY 106 Experiences in Personal Growth ( 3 CR)** Elective Credit

**PSY 115 Health Psychology ( 3 CR)** Elective Credit  
**PSY 116 Psychology of Death and Dying ( 3 CR)** Elective Credit  
**PSY 120 Human Relations ( 3 CR)** Elective Credit  
**PSY 125 Interpersonal Relationships ( 3 CR)** Elective Credit  
**PSY 126 Psychology for Business and Industry ( 3 CR)** Elective Credit  
**PSY 135 Child Care Psychology ( 3 CR)** Elective Credit  
**PSY 165 Psychology of Human Sexuality ( 3 CR)** HEA/SOC 3413  
**PSY 166 Psychology of Marriage ( 3 CR)** Elective Credit  
**PSY 200 Principles of Psychology ( 3 CR)** PSY 1013  
**PSY 201-202 Introduction to Psychology I-II ( 3 CR) ( 3 CR)** PSY 1013  
**PSY 205 Personal Conflict and Crisis Management ( 2- 3 CR)** Elective Credit  
**PSY 211 Research Methodology for Behavioral Sciences ( 3 CR)** Elective Credit  
**PSY 213 Statistics for Behavioral Sciences ( 3 CR)** Elective Credit  
**PSY 215 Abnormal Psychology ( 3 CR)** PSY/CRJ 3043  
**PSY 216 Social Psychology ( 3 CR)** PSY/SOC 3083  
**PSY 219 Cross-Cultural Psychology ( 3 CR)** Elective Credit  
**PSY 220 Introduction to Behavior Modification ( 3 CR)** Elective Credit  
**PSY 225 Theories of Personality ( 3 CR)** PSY 3033  
**PSY 226 Introduction to Counseling Relationships ( 3 CR)** Elective Credit  
**PSY 230 Developmental Psychology ( 3 CR)** PSY 2043  
**PSY 231-232 Life Span Human Development I-II ( 3 CR) ( 3 CR)** PSY2043  
**PSY 235 Child Psychology ( 3 CR)** PSY 2043  
**PSY 236 Adolescent Psychology ( 3 CR)** PSY 2043  
**PSY 237 Adult Psychology ( 3 CR)** Elective Credit  
**PSY 245 Educational Psychology ( 3 CR)** Elective Credit  
**PSY 246 Psychology of Management ( 3 CR)** Elective Credit  
**PSY 250 Law Enforcement Psychology ( 3 CR)** Elective Credit  
**PSY 255 Psychological Aspects of Criminal Behavior ( 3 CR)** Elective Credit  
**PSY 265 Psychology of Men and Women ( 3 CR)** Elective Credit  
**PSY 271-272 Introduction to Parapsychology I-II ( 3 CR) ( 3 CR)** Elective Credit  
**PSY 273-274 Selected Topics in Parapsychology ( 3 CR) ( 3 CR)** Elective Credit  
**PSYC 130 Child Devlment ((3QH = 2SH)** Elective Credit  
**PSYC 201 Gen Psych I (3QH = 2SH)** Elective Credit

#### **Physical Therapy Assistant ( PTH )**

**PTH 105 Introduction to Physical Therapist Assisting ( 2- 3 CR)** Elective Credit  
**PTH 110 Medical Reporting ( 1- 2 CR)** Elective Credit  
**PTH 111-112 Physical Therapy Procedures I-II ( 3 CR) ( 4 CR)** Elective Credit  
**PTH 115 Kinesiology for the Physical Therapist Assistant ( 4- 5 CR)** Elective Credit  
**PTH 121-122 Therapeutic Procedures I-II ( 5- 6 CR)( 5- 6 CR)** Elective Credit  
**PTH 131 Clinical Education ( 2- 3 CR)** Elective Credit  
**PTH 145 Ethical and Legal Aspects of Patient Care ( 2- 3 CR)** Elective Credit  
**PTH 151 Musculoskeletal Structure and Function ( 4- 5 CR)** Elective Credit

**PTH 210 Psychological Aspects of Therapy ( 2 CR)** Elective Credit  
**PTH 211-212 Clinical Practice I and II ( 2- 3 CR)( 6- 7 CR)** Elective Credit  
**PTH 225 Rehabilitation Procedures ( 4- 5 CR)** Elective Credit  
**PTH 226 Therapeutic Exercise ( 4 CR)** Elective Credit  
**PTH 227 Pathological Conditions ( 2- 3 CR)** Elective Credit  
**PTH 231 Clinical Education II ( 5 CR)** Elective Credit  
**PTH 232 Clinical Education III ( 5 CR)** Elective Credit  
**PTH 245 Professional Issues ( 2- 3 CR)** Elective Credit  
**PTH 251-252 Clinical Practicum I-II ( 3 CR) ( 4 CR)** Elective Credit  
**PTH 255 Seminar in Physical Therapy ( 2 CR)** Elective Credit

#### **Radiation Oncology (ROC)**

**ROC 110 Introduction to Radiation Oncology (2CR)** Elective Credit  
**ROC 120 Radiation Oncology/Pathology I (3CR)** Elective Credit  
**ROC 121 Radiation Oncology/Pathology II (3CR)** Elective Credit  
**ROC 131 Clinical Clerkship I (3CR)** Elective Credit  
**ROC 132 Clinical Clerkship II (5 CR)** Elective Credit  
**ROC 141 Therapy Physics I (2CR)** Elective Credit  
**ROC 142 Patient Care in Oncology (1CR)** Elective Credit  
**ROC 145 Quality Improvement (2CR)** Elective Credit  
**ROC 151 Introduction to Cross-Sectional Anatomy (2CR)** Elective Credit  
**ROC 231 Clinical Clerkship III (5CR)** Elective Credit  
**ROC 232 Clinical Clerkship IV (5CR)** Elective Credit  
**ROC 241 Therapy Physics II (2CR)** Elective Credit  
**ROC 242 Clinical Radiobiology (3 CR)** Elective Credit  
**ROC 243 Dosimetry Planning (2CR)** Elective Credit  
**ROC 244 Professional Seminar (1 CR)** Elective Credit

#### **Radiography (RAD )**

**RAD 100 Introduction to Radiology and Protection ( 2 CR)** Elective Credit  
**RAD 105 Introduction to Radiology, Protection and Patient Care ( 2- 3 CR)** Elective Credit  
**RAD 106 Introduction to Radiologic Science ( 2 CR)** Elective Credit  
**RAD 110 Imaging Equipment and Protection ( 3 CR)** Elective Credit  
**RAD 111-112 Radiologic Science I-II ( 4 CR) ( 4 CR)** Elective Credit  
**RAD 115 Principles of Magnetic Resonance Imaging ( 2- 3 CR)** Elective Credit  
**RAD 120 Medical Care Procedures & Safety in Radiology ( 3 CR)** Elective Credit  
**RAD 121 Radiographic Procedures I ( 4 CR)** Elective Credit  
**RAD 122 Chest and Abdominal Imaging ( 2 CR)** Elective Credit  
**RAD 123 Upper/Lower Extremity Imaging ( 2 CR)** Elective Credit  
**RAD 124 Vertebral Column Imaging ( 2 CR)** Elective Credit  
**RAD 125 Patient Care Procedures ( 2 CR)** Elective Credit  
**RAD 129 Chest, Abdominal and Skeletal Imaging ( 4 CR)** Elective Credit  
**RAD 131-132 Elementary Clinical Procedures I-II ( 3 CR) ( 3 CR)** Elective Credit

**RAD 135 Elementary Clinical Procedures ( 5 CR) Elective Credit**  
**RAD 136 Clinical Procedures in Magnetic Resonance Imaging ( 2- 3 CR) Elective Credit**  
**RAD 141-142 Principles of Radiographic Quality I-II ( 4 CR) ( 4 CR) Elective Credit**  
**RAD 205 Radiation Protection and Radiobiology ( 3 CR) Elective Credit**  
**RAD 206 Human Disease and Radiography ( 1- 2 CR) Elective Credit**  
**RAD 215 Correlated Radiographic Theory ( 2 CR) Elective Credit**  
**RAD 221 Radiographic Procedures II ( 4 CR) Elective Credit**  
**RAD 225 Specialized Patient Care Procedure ( 2 CR) Elective Credit**  
**RAD 231-232 Advanced Clinical Procedures I-II ( 4- 5 CR)( 5- 5 CR) Elective Credit**  
**RAD 233 Anatomy and Positioning of the Breast ( 1 CR) Elective Credit**  
**RAD 234 Breast Imaging/Instrumentation ( 1 CR) Elective Credit**  
**RAD 235 Quality Assurance in Mammography ( 1 CR) Elective Credit**  
**RAD 236 Case Studies in Breast Imaging ( 1 CR) Elective Credit**  
**RAD 237 Clinical Internship in Breast Imaging ( 2 CR) Elective Credit**  
**RAD 238 Mammography Registry Review ( 1 CR) Elective Credit**  
**RAD 239 Mammography Techniques and Pathology ( 5 CR) Elective Credit**  
**RAD 240 Radiographic Pathology ( 3 CR) Elective Credit**  
**RAD 241 Special Radiographic Imaging Modalities ( 4 CR) Elective Credit**  
**RAD 242 Computed Tomography Procedures and instrumentation ( 2 CR) Elective Credit**  
**RAD 243 Clinical Internship in Computed Tomography ( 1- 2 CR) Elective Credit**  
**RAD 244 Case Studies in CT (Computed Tomography) ( 1 CR) Elective Credit**  
**RAD 245 Radiologic Specialties ( 1- 2 CR) Elective Credit**  
**RAD 246 Special Procedures ( 2 CR) Elective Credit**  
**RAD 247 Cross-Sectional Anatomy ( 3 CR) Elective Credit**  
**RAD 255 Radiographic Equipment ( 3 CR) Elective Credit**  
**RAD 256 Radiographic Film Evaluation ( 3 CR) Elective Credit**

#### **Real Estate (REA )**

**REA 100 Principles of Real Estate ( 4 CR) Elective Credit**  
**REA 215 Real Estate Brokerage ( 3 CR) Elective Credit**  
**REA 216 Real Estate Appraisal ( 3- 4 CR) Elective Credit**  
**REA 217 Real Estate Finance ( 3 CR) Elective Credit**  
**REA 218 Appraising the Single Family Residence ( 2- 3 CR) Elective Credit**  
**REA 220 Income Property Valuation ( 3 CR) Elective Credit**  
**REA 225 Real Property Management ( 3 CR) Elective Credit**  
**REA 236 State Certified Residential Appraiser ( 1 CR) Elective Credit**  
**REA 238 Professional Appraisal Standards ( 1 CR) Elective Credit**  
**REA 245 Real Estate Law ( 3 CR) Elective Credit**

#### **Religion (REL )**

**REL 100 Introduction to the Study of Religion ( 3 CR) Elective Credit**  
**REL 200 Survey of the Old Testament ( 3 CR) CST 1113, Gen Ed**  
**REL 205 Hebrew Scriptures ( 3 CR) CST 1113, Gen Ed**

**REL 207 Hebrew Prophetic Literature ( 3 CR) CST 3113**  
**REL 210 Survey of the New Testament ( 3 CR) CST 1123, Gen Ed**  
**REL 211 Intro to Old Testament CST 1113, Gen Ed**  
**REL 215 New Testament and Early Christianity ( 3 CR) Elective Credit**  
**REL 216 Life and Teachings of Jesus ( 3 CR) Elective Credit**  
**REL 217 Life and Letters of Paul ( 3 CR) Elective Credit**  
**REL 225 Selected Topics in Biblical Studies ( 3 CR) Elective Credit**  
**REL 230 Religions of the World ( 3 CR) Elective Credit**  
**REL 231-232 Religions of the World I-II ( 3 CR) ( 3 CR) Elective Credit**  
**REL 233 Introduction to Islam ( 3 CR) Elective Credit**  
**REL 235 Major Religious Thinkers ( 3 CR) Elective Credit**  
**REL 237 Eastern Religions ( 3 CR) CST 3373**  
**REL 238 Western Religions ( 3 CR) CST 3363**  
**REL 240 Religions in America ( 3 CR) Elective Credit**  
**REL 246 Christianity ( 3 CR) Elective Credit**  
**REL 247 History of Christianity ( 3 CR) Elective Credit**  
**REL 255 Selected Problems and Issues in Religion ( 3 CR) Elective Credit**

#### **Recreation and Parks (RPK )**

**RPK 100 Introduction to the Field of Recreation and Parks ( 3 CR) Elective Credit**  
**RPK 110 Arts Activities in Recreation and Parks ( 3 CR) Elective Credit**  
**RPK 120 Outdoor Recreation ( 3 CR) Elective Credit**  
**RPK 121 Fundamentals of Camp Management I ( 3 CR) Elective Credit**  
**RPK 122 Fundamentals of Camp Management II ( 3 CR) Elective Credit**  
**RPK 125 Outdoor Education and Interpretive Services ( 3 CR) Elective Credit**  
**RPK 135 Program Planning, Organization and Group Leadership ( 3 CR) Elective Credit**  
**RPK 136 Organ. and Mgmt. of Rec. Social and Physical Activi. ( 3 CR) Elective Credit**  
**RPK 145 Horticulture and Turf Pract. in Recreation and Parks ( 3 CR) Elective Credit**  
**RPK 146 Facility & Landscape Planning for Recreation and Parks ( 3 CR) Elective Credit**  
**RPK 155 Therapeutic Recreation ( 3 CR) Elective Credit**  
**RPK 165 Risk Management on Recreation in Recreation and Parks ( 3 CR) Elective Credit**  
**RPK 200 Microcomputers in Public Service Agencies ( 3 CR) Elective Credit**  
**RPK 201 Recreation and Parks Management I ( 3 CR) Elective Credit**  
**RPK 202 Recreation and Parks Management II ( 3 CR) ESS 3053 Administration of Sports and Recreation**  
**RPK 205 Rock Climbing ( 1 CR) ESS 1101 Outdoor Living**  
**RPK 206 Adventure Ropes Courses ( 1 CR) ESS 1101 Outdoor Living**  
**RPK 215 Recreation Camping ( 1 CR) ESS 1101 Outdoor Living**  
**RPK 216 Recreation Backpacking ( 2 CR) ESS 1101 Outdoor Living**  
**RPK 225 Canoe Camping ( 2 CR) Elective Credit**

#### **Respiratory Therapy (RTH )**

**RTH 101 Integrated Sciences for Respiratory Care I ( 3 CR) Elective Credit**

**RTH 102 Integrated Sciences for Respiratory Care II ( 3 CR) Elective Credit**  
**RTH 110 Fund. Theory and Procedures for Respiratory Care ( 4 CR) Elective Credit**  
**RTH 111 Anatomy & Physiology of the Cardiopulmonary System ( 3 CR) Elective Credit**  
**RTH 112 Pathology of the Cardiopulmonary System ( 3 CR) Elective Credit**  
**RTH 113 Pathophysiology of the Cardiopulmonary System ( 4 CR) Elective Credit**  
**RTH 120 Fundamental Theory for Respiratory Care ( 2 CR) Elective Credit**  
**RTH 121 Cardiopulmonary Science I ( 3 CR) Elective Credit**  
**RTH 131-132 Respiratory Care Theory and Procedures I-II ( 4 CR) ( 4 CR) Elective Credit**  
**RTH 135 Diagnostic and Therapeutic Procedures I ( 2 CR) Elective Credit**  
**RTH 145 Pharmacology for Respiratory Care I ( 1- 2 CR) Elective Credit**  
**RTH 151 Fundamental Clinical Procedures I ( 3- 4 CR) Elective Credit**  
**RTH 152 Fundamental Clinical Procedures II ( 3- 4 CR) Elective Credit**  
**RTH 153 Fundamental Clinical Procedures III ( 4 CR) Elective Credit**  
**RTH 215 Pulmonary Rehabilitation ( 1 CR) Elective Credit**  
**RTH 217 Pulmonary Rehab., Home Care and Health Promotion ( 2 CR) Elective Credit**  
**RTH 222 Cardiopulmonary Science II ( 3 CR) Elective Credit**  
**RTH 223 Cardiopulmonary Science III ( 2 CR) Elective Credit**  
**RTH 224 Integrated Respiratory Therapy Skills I ( 2 CR) Elective Credit**  
**RTH 225 Neonatal and Pediatric Respiratory Procedures ( 3 CR) Elective Credit**  
**RTH 226 Theory of Neonatal and Pediatric Respiratory Care ( 2 CR) Elective Credit**  
**RTH 227 Integrated Respiratory Therapy Skills II ( 2 CR) Elective Credit**  
**RTH 235 Diagnostic and Therapeutic Procedures II ( 3 CR) Elective Credit**  
**RTH 236 Critical Care Monitoring ( 3 CR) Elective Credit**  
**RTH 245 Pharmacology for Respiratory Care II ( 2 CR) Elective Credit**  
**RTH 253 Advanced Clinical Procedures III ( 3- 4 CR) Elective Credit**  
**RTH 254 Advanced Clinical Procedures IV ( 3- 4 CR) Elective Credit**  
**RTH 255 Management in Respiratory Care ( 3 CR) Elective Credit**  
**RTH 265 Current Issues in Respiratory Care ( 2- 3 CR) Elective Credit**  
**RTH 267 12 Lead Electrocardiographic Diagnostics ( 3 CR) Elective Credit**

#### **Russian (RUS )**

**For Foreign Language requirement for a B.A. at Bluefield College, student needs 6 hrs. of second year college-level foreign language or four years of high school foreign language.**

**RUS 101-102 Beginning Russian I-II ( 4- 5 CR)( 4- 5 CR) Elective Credit**  
**RUS 201-202 Intermediate Russian I-II ( 3 CR) ( 3 CR) Satisfies BC Lang. Req.**

#### **Recreation Vehicle--Motorcycle Maintenance (RVH )**

**RVH 130 Motorcycle Rider Safety - Beginner ( 1- 2 CR) Elective Credit**

#### **Safety (SAF)**

**SAF 120 Safety & Health Standards: Regulations and Codes ( 3 CR) Elective Credit**  
**SAF 125 Computer Applications for Technicians ( 4 CR) Elective Credit**  
**SAF 126 Principles of Industrial Safety ( 3 CR) Elective Credit**

**SAF 127 Industrial Safety ( 2 CR) Elective Credit**  
**SAF 131 Materials Handling, Machinery, Handtools & Control I ( 3 CR) Elective Credit**  
**SAF 135 Safety Program Organization and Administration ( 3 CR) Elective Credit**  
**SAF 140 Introduction to Industrial Hygiene ( 3 CR) Elective Credit**  
**SAF 205 Human Factors & Safety Psychology ( 3 CR) Elective Credit**  
**SAF 246 Hazardous Chemicals, Materials, and Waste in the Workplace ( 3 CR) Elective Credit**

**Sign Communications (SCM )**

**(The courses under this prefix will no longer be available after Fall 03--**

**Please see American Sign Language (ASL) and Interpreter Education (INT)**

**SCM 100 Introduction to American Sign Language ( 3- 4 CR) Elective Credit**

**SCM 101 Introduction to American Sign Language II ( 3 CR) Elective Credit**

**SCM 105 Orientation to Deafness ( 3 CR) Elective Credit**

**SCM 110 Intermediate American Sign Language ( 3- 4 CR) Elective Credit**

**SCM 115 Expressive and Receptive Fingerspelling ( 2 CR) Elective Credit**

**SCM 125 Psychosocial Aspects of Deafness ( 3 CR) Elective Credit**

**SCM 133 ASL-to-English Interpretation I ( 3 CR) Elective Credit**

**SCM 134 English-to-ASL Interpretation I ( 3 CR) Elective Credit**

**SCM 145 Sign Communication Interpreters' Practicum ( 3- 4 CR) Elective Credit**

**SCM 150 Careers in Deafness ( 2 CR) Elective Credit**

**SCM 160 Fingerspelling and Numbers for Interpreters ( 2 CR) Elective Credit**

**SCM 170 Interpreting Foundations I ( 3- 4 CR) Elective Credit**

**SCM 171 Interpreting Foundations II ( 3- 4 CR) Elective Credit**

**SCM 200 Advanced American Sign Language I ( 3 CR) Elective Credit**

**SCM 201 Advanced American Sign Language II ( 3- 4 CR) Elective Credit**

**SCM 205 Pre-Interpreting Skills ( 2 CR) Elective Credit**

**SCM 210 American Sign Language for Interpreters ( 3 CR) Elective Credit**

**SCM 211-212 Expressive Interpreting I-II ( 3 CR) ( 3 CR) Elective Credit**

**SCM 215 Interactive Interpretation ( 3 CR) Elective Credit**

**SCM 220 Linguistics of ASL ( 3 CR) Elective Credit**

**SCM 230 Introduction to Interpreting ( 3 CR) Elective Credit**

**SCM 231-232 Sign-To-Voice Interpreting I-II ( 3 CR) ( 3 CR) Elective Credit**

**SCM 233 ASL-to-English Interpretation II ( 3 CR) Elective Credit**

**SCM 234 English-to-ASL Interpretation II ( 3 CR) Elective Credit**

**SCM 235 Interpreting in the Educational Setting ( 3 CR) Elective Credit**

**SCM 236 Interpreting in Special Situations ( 2- 3 CR) Elective Credit**

**SCM 240 Translation Skills ( 3- 4 CR) Elective Credit**

**SCM 241-242 Transliterating I-II ( 3 CR) ( 3 CR) Elective Credit**

**SCM 250 Language Development of Deaf Children ( 3 CR) Elective Credit**

**SCM 255 Interpreter Ethics and Responsibilities ( 3 CR) Elective Credit**

**SCM 285 Interpreting Practicum ( 9 CR) Elective Credit**

### **Science Technology (SCT )**

**SCT 111-112 Introduction to Environmental and Science Technology I-II ( 4 CR) ENV 1014**

### **Sociology (SOC )**

**SOC 85 Social Skills Development ( 3 CR) Does not transfer; may be submitted for possible PST credit**

**SOC 200 Principles to Sociology ( 3 CR) SOC 1013**

**SOC 201-202 Introduction to Sociology I-II ( 3 CR) ( 3 CR) SOC 1013**

**SOC 205 Rural Sociology ( 3 CR) Additional Area Social Science**

**SOC 207 Medical Sociology ( 3 CR) Additional Area Social Science**

**SOC 210 Survey of Physical and Cultural Anthropology ( 3 CR) Additional Area Social Science**

**SOC 211-212 Principles of Anthropology ( 3 CR) ( 3 CR) Additional Area Social Science**

**SOC 215 Sociology of the Family ( 3 CR) SOC 3013**

**SOC 216 Child-Parent Community Relations ( 3 CR) Additional Area Social Science**

**SOC 218 Family Violence ( 3 CR) Additional Area Social Science**

**SOC 220 Socialization and the Life Cycle ( 3 CR) Additional Area Social Science**

**SOC 225 Gender and Sex Roles ( 3 CR) Additional Area Social Science**

**SOC 226 Human Sexuality ( 3 CR) HEA/SOC 3413**

**SOC 235 Juvenile Delinquency ( 3 CR) Additional Area Social Science**

**SOC 236 Criminology ( 3 CR) CRJ 2203**

**SOC 245 Sociology of Aging ( 3 CR) SOC 3133**

**SOC 246 Death and Society ( 3 CR) Additional Area Social Science**

**SOC 247 Death and Dying ( 3 CR) SOC 3123**

**SOC 255 Comparative Sociology ( 3 CR) Additional Area Social Science**

**SOC 265 Social Psychology ( 3 CR) SOC 3083**

**SOC 266 Minority Group Relations ( 3 CR) SOC 3133**

**SOC 268 Social Problems ( 3 CR) SOC 1023**

**SOC 269 Social Institutions Through Photography ( 3 CR) Additional Area Social Science**

**SOC 270 Methods of Social Research ( 3 CR) SOC 4024**

**SOCI 101 Int Sociol I (3QH = 2SH) Elective Credit**

**SOC 102 Int Sociol II (3QH = 2SH) Elective Credit**

### **Spanish (SPA )**

**For Foreign Language requirement for a B.A. at Bluefield College, student needs 6 hrs. of second year college-level foreign language or four years of high school foreign language.**

**SPA 16 Spanish for Business ( 2- 3 CR) Does not transfer; may be submitted for possible PST credit**

**SPA 17 Spanish for the Tourist ( 2- 3 CR) Does not transfer; may be submitted for possible PST credit**

**SPA 101-102 Beginning Spanish I-II ( 4- 5 CR)( 4- 5 CR) Elective credit**

**SPA 103-104 Basic Spoken Spanish I-II ( 3 CR) ( 3 CR) Elective credit**

**SPA 105 Beginning Spanish 1a ( 2 CR) Elective credit**

**SPA 106 Beginning Spanish 1b ( 2 CR) Elective credit**

**SPA 107 Beginning Spanish 11a ( 2 CR)** Elective credit  
**SPA 108 Beginning Spanish 11b ( 2 CR)** Elective credit  
**SPA 111-112 Conversation in Spanish I-II ( 3 CR) ( 3 CR)** Satisfies BC Lang. Req.  
**SPA 150 Spanish for Law Enforcement ( 3 CR)** Elective credit  
**SPA 163-164 Spanish for Health Professionals I-II ( 3 CR) ( 3 CR)** Elective credit  
**SPA 201-202 Intermediate Spanish I-II ( 3- 4 CR)( 3- 4 CR)** Satisfies BC Lang. Req.  
**SPA 203-204 Intermediate Spanish I-II ( 3 CR) ( 3 CR)** Satisfies BC Lang. Req.  
**SPA 205-206 Spanish for Heritage Speakers ( 3 CR) ( 3 CR)** Satisfies BC Lang. Req.  
**SPA 211-212 Intermediate Spanish Conversation I-II ( 3 CR) ( 3 CR)** Satisfies BC Lang. Req.  
**SPA 233-234 Introduction to Spanish Civilization & Literature I-II ( 3 CR) ( 3 CR)** Elective credit  
**SPA 241-242 Intermediate Spanish Composition ( 3 CR) ( 3 CR)** Satisfies BC Lang. Req.  
**SPA 271-272 Intro to Latin American Civ. Literature I-II ( 3 CR) ( 3 CR)** Elective credit

### **Speech and Drama (SPD )**

**SPD 01 Developmental Speech ( 1- 5 CR)** Does not transfer  
**SPD 100 Principles of Public Speaking ( 3 CR)** COM 1023  
**SPD 105 Oral Communication ( 2- 3 CR)** COM 1023 Must be taken for 3 hours credit  
**SPD 110 Introduction to Speech Communication ( 2- 3 CR)** COM 1023 Must be taken for 3 hours credit  
**SPD 111-112 Voice and Diction I-II ( 3 CR) ( 3 CR)** Elective credit  
**SPD 115 Small Group Communication ( 3 CR)** COM 1023  
**SPD 116 Speech Workshop ( 1- 6 CR)** COM 1023 Must be taken for at least 3 hours credit  
**SPD 125 Interviewing ( 3 CR)** Elective credit  
**SPD 126 Interpersonal Communication ( 3 CR)** COM 1023  
**SPD 127 Workshop in Interpersonal Skills ( 1- 2 CR)** Elective credit  
**SPD 130 Introduction to the Theatre ( 3 CR)** THR 1413  
**SPD 131-132 Acting I-II ( 3 CR) ( 3 CR)** THR 1023/2023  
**SPD 136 Theatre Workshop ( 1- 6 CR)** THR 1031/1032/1033  
**SPD 137 Oral Interpretation ( 3 CR)** THR 2013  
**SPD 141-142 Theatre Appreciation I-II ( 3 CR) ( 3 CR)** THR 1413  
**SPD 145 Stagecraft ( 3 CR)** THR 3013  
**SPD 151-152 Film Appreciation I-II ( 3 CR) ( 3 CR)** Elective credit  
**SPD 200 Advanced Public Speaking ( 3 CR)** COM 1023  
**SPD 227 Industrial and Organizational Communication ( 3 CR)** COM 1023  
**SPD 228 Persuasion ( 3 CR)** Elective credit  
**SPD 229 Intercultural Communication ( 3 CR)** Elective credit  
**SPD 231-232 History of Theatre I-II ( 3 CR) ( 3 CR)** THR 3053/3063  
**SPD 233-234 Rehearsal and Performance I-II ( 1- 4 CR)( 1- 4 CR)** THR 1011/1013  
**SPD 241-242 Introduction to Directing I-II ( 3 CR) ( 3 CR)** THR 3023/4023  
**SPD 245 Basic Lighting ( 3 CR)** Elective credit  
**SPD 250 The Art of the Film ( 3 CR)** Elective credit  
**SPD 251 Stage Lighting and Sound ( 3 CR)** Elective credit  
**SPD 252 Costume and Make-up for the Theatre ( 3 CR)** Elective credit

**SPD 253 Production of Stage Management ( 3 CR)** Elective credit  
**SPD 266 Outdoor Drama ( 1- 6 CR)** Elective credit  
**SPD 267 Creative Drama ( 3 CR)** Elective credit  
**SPDR 137 Pub Speak (3QH = 2SH)** Elective credit

#### **Social Science (SSC )**

**SSC 100 The Individual and His/Her World ( 3- 4 CR)** Elective credit  
**SSC 101-102 Contemporary Social Problems I-II ( 3 CR) ( 3 CR)** Additional Area Social Science  
**SSC 107 Problems of People in the Modern World ( 3 CR)** Additional Area Social Science  
**SSC 201-202 Contemporary American Civilization I-II ( 3 CR) ( 3 CR)** Additional Area Social Science  
**SSC 205 Cultural and Social Study of Women ( 3 CR)** Additional Area Social Science

#### **Student Development (STD )**

**STD 01 Student Development (Insert Appropriate Disciplines) ( 1- 5 CR)** Does not transfer  
**STD 05 Academic Strategies for Special Needs Students ( 3 CR)** Does not transfer  
**STD 80 Integrated Basic Academic/Life Skills ( 5 CR)** Does not transfer; may be submitted for possible PST credit

#### **Surgical Technology (SUR)**

**SUR 140 Introduction to Surgical Care (3-4 CR)** Elective credit  
**SUR 145 Fundamentals of Surgical Care (4-5 CR)** Elective credit  
**SUR 210 Surgical Procedures (8-9 CR)** Elective credit  
**SUR 250 Surgical Pharamocolgy (2-3 CR)** Elective credit  
**SUR 254 Professional Issues in Surgical Technology (1-2 CR)** Elective credit  
**SUR 260 Surgical Technology Clinical Practicum (5-6 CR)** Elective credit

#### **Telecommunications Management (TEL )**

**TEL 120 Introduction to Telecommunications Management ( 3 CR)** Elective credit  
**TEL 150 Internetworking I ( 3- 4 CR)** Elective credit  
**TEL 151 Internetworking II ( 3- 4 CR)** Elective credit  
**TEL 203 Technical Training Principles ( 3 CR)** Elective credit  
**TEL 205 Data Telecommunications ( 3- 4 CR)** Elective credit  
**TEL 215 Voice Telecommunications ( 3 CR)** Elective credit  
**TEL 226 Network Facilities and Services ( 3 CR)** Elective credit  
**TEL 250 Internetworking III ( 3- 4 CR)** Elective credit  
**TEL 251 Internetworking IV ( 3- 4 CR)** Elective credit

#### **Trucking (TRK )**

**TRK 101 DOT Safety Rules and Regulations ( 2 CR)** Elective credit  
**TRK 102 Preventive Maintenance for Truck Drivers ( 1 CR)** Elective credit  
**TRK 103 Tractor Trailer Driving ( 9 CR)** Elective credit

### **Travel and Tourism (TRV )**

- TRV 100 Introduction to the Travel Industry ( 3 CR)** Elective credit
- TRV 111-112 Geography of Tourism I-II ( 3 CR) ( 3 CR)** Elective credit
- TRV 115 Ground Transport, Tours, Cruises, & Services Planning ( 3 CR)** Elective credit
- TRV 116 Air Travel Planning ( 4 CR)** Elective credit
- TRV 125 Principles of Travel Selling and Counseling ( 3 CR)** Elective credit
- TRV 130 Introduction to Meeting Planning ( 3 CR)** Elective credit
- TRV 136 Tour Guiding and Management ( 3 CR)** Elective credit
- TRV 137 Regional Tour Guiding ( 3 CR)** Elective credit
- TRV 138-139 Regional Tour Guiding I-II ( 3 CR) ( 3 CR)** Elective credit
- TRV 140 Introduction to Association Management ( 3 CR)** Elective credit
- TRV 211 Airline Computer Reservation Systems I ( 4 CR)** Elective credit
- TRV 220 Principles of Group Travel and Tour Operations ( 3 CR)** Elective credit
- TRV 230 Marketing and Management of Travel Services ( 3 CR)** Elective credit
- TRV 235 Principles of Meeting Planning ( 3 CR)** Elective credit
- TRV 238 Trade Show and Exposition Management ( 3 CR)** Elective credit
- TRV 240 Principles of Event Planning and Management ( 3 CR)** Elective credit
- TRV 245 Convention and Exposition Law and Ethics ( 3 CR)** Elective credit
- TRV 255 Meeting and Trade Show Marketing ( 3 CR)** Elective credit

### **Veterinary Technology (VET )**

- VET 100 Introduction to Animal Science ( 3- 4 CR)** Elective credit
- VET 101 Introduction to Veterinary Assisting ( 3 CR)** Elective credit
- VET 102 Care and Maintenance of Small Domestic Animals ( 3 CR)** Elective credit
- VET 103 Veterinary Office Assisting ( 3 CR)** Elective credit
- VET 105 Introduction to Veterinary Technology ( 3 CR)** Elective credit
- VET 111 Anatomy and Physiology of Domestic Animals ( 4 CR)** Additional Area Science
- VET 115 Laboratory Techniques I ( 4 CR)** Elective credit
- VET 116 Animal Breeds and Behavior ( 3 CR)** Elective credit
- VET 121-122 Clinical Practices I-II ( 3- 4 CR)( 3- 4 CR)** Elective credit
- VET 131-132 Clinical Pathology I-II ( 3 CR) ( 3 CR)** Elective credit
- VET 135 Anesthesia of Domestic Animals ( 2 CR)** Elective credit
- VET 210 Animal Diseases and Microbiology ( 4 CR)** Elective credit
- VET 211-212 Animal Diseases I-II ( 2 CR) ( 2 CR)** Additional Area Science
- VET 215 Laboratory Techniques II ( 4 CR)** Elective credit
- VET 216 Animal Pharmacology ( 2- 3 CR)** Elective credit
- VET 217 Introduction to Laboratory, Zoo and Wildlife Medicine ( 2- 3 CR)** Additional Area Science
- VET 221-222 Advanced Clinical Practices III-IV ( 4 CR) ( 4 CR)** Elective credit
- VET 230 Veterinary Hospital Management ( 3 CR)** Elective credit
- VET 235 Animal Hospital Management and Client Relations ( 3 CR)** Elective credit
- VET 236 Companion Animal Behavior ( 2- 3 CR)** Elective credit
- VET 240 Computers in Veterinary Practice ( 2 CR)** Elective credit

### **Vietnamese (VTN )**

**For Foreign Language requirement for a B.A. at Bluefield College, student needs 6 hrs. of second year college-level foreign language or four years of high school foreign language.**

**VTN 101-102 Beginning Vietnamese I-II ( 4 CR) ( 4 CR)** Elective credit

**VTN 201-202 Intermediate Vietnamese I-II ( 3 CR) ( 3 CR)** Satisfies BC Lang. Req.

### **Welding (WEL )**

**WEL 16 Oxyfuel Processes ( 4 CR)** Does not transfer; may be submitted for possible PST credit

**WEL 17 Gas Welding ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**WEL 18 Oxyacetylene Welding and Cutting ( 3 CR)** Does not transfer; may be submitted for possible PST credit

**WEL 20 Arc Welding ( 3- 6 CR)** Does not transfer; may be submitted for possible PST credit

**WEL 21- 22 Shielded Metal Arc Welding I-II ( 3- 6 CR)( 3- 6 CR)** Does not transfer; may be submitted for possible PST credit

**WEL 30 Inert Gas Welding ( 1- 6 CR)** Does not transfer; may be submitted for possible PST credit

**WEL 31 Introductory Gas Tungsten Arc Welding ( 3- 6 CR)** Does not transfer; may be submitted for possible PST credit

**WEL 32 Introductory Gas Metal Arc Welding ( 3- 6 CR)** Does not transfer; may be submitted for possible PST credit

**WEL 100 Fundamentals of Welding ( 3- 4 CR)** Elective credit

**WEL 110 Welding Processes ( 3 CR)** Elective credit

**WEL 115 Arc and Gas Welding ( 3 CR)** Elective credit

**WEL 116 Welding I (Oxyacetylene) ( 2 CR)** Elective credit

**WEL 117 Oxyfuel Welding and Cutting ( 3- 4 CR)** Elective credit

**WEL 120 Introduction to Welding ( 2- 3 CR)** Elective credit

**WEL 121 Arc Welding ( 2 CR)** Elective credit

**WEL 122 Welding II (Electric Arc) ( 3 CR)** Elective credit

**WEL 123 Shielded Metal Arc Welding (Basic) ( 3- 4 CR)** Elective credit

**WEL 124 Shielded Metal Arc Welding (Advanced) ( 3- 4 CR)** Elective credit

**WEL 126 Pipe Welding I ( 3- 4 CR)** Elective credit

**WEL 126-127 Pipe Welding I-II ( 3- 4 CR)( 3- 4 CR)** Elective credit

**WEL 127 Pipe Welding II ( 3 CR)** Elective credit

**WEL 130 Inert Gas Welding ( 3- 4 CR)** Elective credit

**WEL 135 Inert Gas Welding ( 2 CR)** Elective credit

**WEL 136 Welding III (Inert Gas) ( 2 CR)** Elective credit

**WEL 138 Pipe and Tube Welding ( 2 CR)** Elective credit

**WEL 141-142 Welder Qualification Tests I-II ( 3- 4 CR)( 3- 4 CR)** Elective credit

**WEL 145 Welding Metallurgy ( 3- 4 CR)** Elective credit

**WEL 146 Welding Quality Control ( 3 CR)** Elective credit

**WEL 150 Welding Drawing and Interpretation ( 2- 3 CR)** Elective credit

**WEL 160 Gas Metal Arc Welding ( 3- 4 CR)** Elective credit