## Grand View University- Des Moines Area Community College

Course Equivalents 2017 GVU & DMACC Catalogs

This Articulation is only a guide and is subject to change without notice

For DMACC courses without a direct equivalent course, general subject and either elective or core domain codes are assigned ie. Socs-shb = a sociology course that meets Core Domain Understanding Society and Human Behavior

Des Moines Area Community College Courses	Grand View University
Des montes mea community conege courses	Core Domains:
	nwl = Understanding the Natural World /w lab
	nwn = Understanding the Natural world no lab
	shb = Understanding Society and Human Behavior
	afa = Understanding and Appreciation of the Fine Arts
	fm = Questions of Faith and Meaning
	qrf = Core Quantitative Reasoning
	LD = Lower Division credit
ACC 111 Later to Accounting	
ACC 111 Intro to Accounting ACC 124 Accounting Professionalism	Acct-ele Elective Voca-100 Vocational/Technical Elective
ACC 124 Accounting Professionalism ACC 131 Principles of Accounting 1	Acet-211 Principles of Accounting 1
ACC 132 Principles of Accounting 2	Acct-212 Principles of Accounting 2
ACC 161 Payroll Accounting	Voca-100 Vocational/Technical Elective
ACC 165 Payroll Certification Review	Voca-100 Vocational/Technical Elective
ACC 191 Financial Analysis	Bsad-352 Corporate finance (LD)
ACC 193 Accounting Procedure/MGMT	Voca-100 Vocational/Technical Elective
ACC 202 Accounting Cycle	Voca-100 Vocational/Technical Elective
ACC 222 Cost Accounting	Acct-381 Cost Accounting (LD)
ACC 231 Intermediate Accounting 1	Acct-303 Intermediate Accounting 1 (LD)
ACC 232 Intermediate Accounting 2	Acct-304 Intermediate Accounting 2 (LD)
ACC 251 Gov't & Nonprofit Accounting	Acct-330 Nonprofit Accounting (LD)
ACC 261 Income Tax	Acct-411 Income Tax (LD)
ACC 268 Business Tax	Voca-100 Vocational/Technical Elective
ACC 272 Accounting Information Systems	Voca-100 Vocational/Technical Elective
ACC 281 Auditing	Acct-431 Auditing Theory (LD)
ACC 311 Financial Accounting/Computers	Voca-100 Vocational/Technical Elective
ACC 314 Quick Books computerized Accounting	Acct-ele (LD)
ACC 315 Sage Computerized Accounting	Acct-ele (LD)
ACC 351 Acct Spreadsheets for Entrepreneurs	Voca-100 Vocational/Technical Elective
ACC 361 Accounting Spreadsheets	Voca-100 Vocational/Technical Elective
ACC 850 Tax Assistance Institute	Voca-100 Vocational/Technical Elective
ACC 932 Accounting Internship ACC 946 Accounting Career Seminar	Bsad-399 Internship (LD) Voca-100 Vocational/Technical Elective
ACC 946 Accounting Career Seminar	
ADM 101,105,131,138,154,157,162,164,182,208,215,221, 259,265 300,305,310,936, 937	Voca-100 Vocational/Technical Elective
ADN 110, 126, 140, 210, 240, 416, 420, 450, 474, 520, 550, 551, 611, 821	Elective or part of Nursing Articulation for RN-BSN
AGA 114,129,154,157,211,222,284,381	Voca-100 Vocational/Technical Elective
AGB 101, 235, 330, 331, 440, 802, 812	Voca-100 Vocational/Technical Elective
AGC 314,420	Voca-100 Vocational /Technical Elective
AGH 103,104, 106,111, 112, 120,123,132,133,139,140,142,146, 147, 154,155,156, 159,160, 161, 200, 211, 221,223,224, 225,233,241,245,251,253,262,272,276,281,283,291,292,296,805, 815, 912	Voca-100 Vocational/Technical Elective
AGM 336 Alternative Energy in AG	Voca-100 Vocational/Technical Elective

66 Credits Maximum transfer for 2 year Colleges Allowed

30 Credits Maximum transfer for Vocational/Tech Credit Allowed

4 Credits Maximum transfer for PE Physical Activity Credit Allowed

DMACC	Grand View University
AGP 333	Voca-100 Vocational/Technical Elective
AGS 113,222,225,226,242,245,249,319,323	Voca-100 Vocational/Technical Elective
AGT 120 Agricultural Appl in Biotech	Voca-100 Vocational Technical Elective
AGV 120,124,129,133,134,138,139,140, 151, 160,164,165,166,172,182,238,266,338, 920, 932	Voca-100 Vocational/Technical Elective
ANT 100 Introduction to Anthropology ANT 105 Cultural Anthropology	Socs-341 Cultural Anthropology (LD) (shb) Socs-341 Cultural Anthropology (LD) (shb)
ANT 105 Cultural Antihopology ANT 110 Faces of Culture	Socs-341 Cultural Anthropology (LD) (shb)
ANT 125 Applications of Anthropology	Socs-shb
ANT 140 Culture & Env of Boreal Forest	Socs-nwn
ANT 150 Global Issues- Local Perspec	Socs-shb
ANT 202 Human Origins	Nwn-nwn
APP 101, 111,211,230,250,260,270,291	Voca-100 Vocational/Technical Elective
ARC 110, 111, 113, 114, 115, 116,123, 124, 127,128, 133,134, 160, 165,167,169, 170, 172, 173, 180,181, 183, 187, 188, 190, 273,	Voca-100 Vocational/Technical Elective
Final transfer approval of Art courses may depend on a Department review of student's portfolio ART 101 Art Appreciation	Final transfer approval of Art courses may depend on a Department review of student's portfolio Arts-afa
ART 101 Art Appreciation ART 102 Arts Elementary School	Arts-142 Methods of Elementary Art Education
ART 133 Drawing Lab	Arts-101 Fundamentals of Drawing (afa)
ART 135 Drawing Lab	Arts-101 Fundamentals of Diawing (ara) Arts-331 Life Drawing 1(Lower division credit) (afa)
ART 143 Painting	Arts-221 Painting Techniques 1 (afa)
ART 148 Landscape Painting	Arts-355 Watercolor Techniques 1 (LD) (afa)
ART 173 Introduction to Ceramics	Arts-110 Introduction to Ceramics (afa)
ART 174 Intermediate Ceramics	Arts-111 Ceramic Throwing and Glazing (afa)
ART 176 Tilemaking	Arts-s3d 3D Elective (afa)
ART 186 Principles of Digital Photography	Phot-131 Basic Digital Photography (afa)
ART 189 Commercial Photography I	Phot -333 Light and Lighting (LD)
ART 190 History of Photography	Phot-ele Elective
ART 192 Portrait Photography I	Phot-333 Light and Lighting (LD)
ART 194 Portfolio Photography I	Phot-333 Light and Lighting (LD)
ART 195 Design: Exploring Art Media	Arts-afa
ART 226 Alternative Photo Processes ART 283 Commercial Photography II	Phot-231 Intermediate Digital Photography (afa) Phot -333 Light and Lighting (LD)
ART 285 Commercial Photography II ART 287 Portrait Photography II	Phot -333 Light and Lighting (LD) Phot -333 Light and Lighting (LD)
ART 287 Poluar Photography II ART 289 Photojournalism	Phot -337 Creative Photography
ART 291 Travel Photography	Phot-elec Elective
ART 292 Studio Photography	Phot -333 Light and Lighting (LD)
ART 293 Wedding Photography	Phot-ele Elective
ART 294 Architectural Photography	Phot-ele Elective
ART 929 Individual Projects	Phot-ele Elective

DMACC	Grand View University
DMACC	Grand View Oniversity
ASM 150,155,160,165,170, 172,174, 176, 180,200,238,239,256,261,262,263,264, 265,266,267, 274,278,279, 280, 282, 283, 291,295, 800, 805	Voca-100 Vocational/Technical Elective
ATC 320, 328, 329, 330, 335, 336, 340, 346, 347, 350, 353, 354, 355, 356, 360	Voca-100 Vocational/Technical Elective
ATF 280,290,312,317,320,326,328,330,333,336,337,340, 344,345,346,350,354	Voca-100 Vocational/Technical Elective
ATG 312,320,322,326,327,328,329,330,333,336,337, 340, 344,345, 350,354	Voca-100 Vocational/Technical Elective
AUT 114, 140,163,173,242,243,404,524,535, 601, 612, 615,652 704,823,834,842, 845, 870	Voca-100 Vocational/Technical Elective
AVI 130, 172, 213	Voca-100 Vocational/Technical Elective
AVM 100,103,104,107,111,112,121,124,125,129,132, 133,139,141, 142,145,165,168,170	Voca-100 Vocational/Technical Elective
BCA 111 122,140,141,146, 152,164,174	Voca-100 Vocational/Technical Elective
BCA 113 Computer Network Literacy	Voca-100 Vocational Technical Elective
BCA 212 Intro Computer Business Appl	Bsad-145 Fundamentals of Information Systems
BCA 214 Advanced Computer Business Appl	Bsad-145 Fundamentals of Information Systems
BCA 242 Publications and Photo Editing	Comm-ele Elective
BIO 100 Opportunities in Biology	Biol-ele Elective
BIO 100 Opportanties in Biology BIO 104 Introductory Biology	Biol-100 Introductory Biology (nwl)
BIO 112 General Biology 1	Biol-101 General Biology 1 (nwl)
BIO 113 General Biology 2	Biol-102 General Biology 2 (nwl)
BIO 135 Intro to Botany	Biol-225 Plant Biology (nwl)
BIO 138 Field Ecology	Biol-310 Field Ecology (LD) (nwl)
BIO 145 Ecology of Iowa	Biol-nwn
BIO 146 Genetics BIO 151 Nutrition	Biol-nwn Biol-140 Introduction to Nutrition
BIO 151 Nutrition BIO 156 Human Biology w/ lab	Biol-nwl
BIO 164 Essentials Anatomy and Physiology	Biol-nwl
BIO 168 Anatomy and Physiology I	Biol-nwl
BIO 173 Anatomy and Physiology II	Biol-nwl
BIO 168 + BIO 173 Anatomy & Physiology 1+ 2 Must have both	Biol-160 and Biol 165
BIO 186 Microbiology w/ Lab	Biol-256 Microbiology (nwl)
BIO 191 Intro to Biotechnology w/ lab	Biol-nwl
BIO 225 Marine Biology 1 BIO 227 Marine Biology 2	Biol-nwl Biol-nwl
BIO 243 Topics in Biotechnology	Biol-nwl
BIO 249 Biotechnology Internship	Biol-399
BIO 250 Cell & Molecular Bio-Nucleic Acids	Biol-415 Molecular Biology (nwl)
BIO 251 Cell & Molecular Bioproteins	Biol-nwl
BIO 250 + 251	Biol-401 Methods in Biotechnology
BIO 260 Biology of Aging	Biol-nwn
BIO 295 General Ecology and Lab BIO 732 Health Science Microbiology	Biol-nwn Biol-nwl
BIO 732 Health Science Anatomy	Biol-nwl
BIO 734 Health Science Physiology	Biol-nwl
BIO 733 + 734 Health Science Anatomy + HS Physiology	Biol-nwl
BIO 922 Field Studies	Biol-ele

DMACC	Grand View University
BMA 165,167,175,177	Voca-100 Vocational/Technical Elective
BPT 102,111,112,125,128	Voca-100 Vocational /Technical Elective
BUS 102 Intro to Bus	Deed 202 Entropropositions and Duciness Fundamentals
BUS 102 Intro to Bus BUS 112 Business Math	Bsad-202 Entrepreneurships and Business Fundamentals Bsad-ele Elective
BUS 131 Small Business Management Strategies	Voca-100 Vocational/Technical Elective
BUS 138 Small Business Marketing	Voca-100 Vocational/Technical Elective
BUS 141 Small Business Start-up	Bsad-405 Entrepreneurship and Small Business Mgmt (LD)
BUS 148 Small Business Management BUS 150 E-Commerce on the Web	Bsad-405 Entrepreneurship and Small Business Mgmt (LD) Voca-100 Vocational/Technical Elective
BUS 150 E-Commerce on the web BUS 185 Business Law 1	Bsad-340 Business Law 1 (LD)
BUS 186 Business Law 1 BUS 186 Business Law 2	Bsad-341 Business Law 2 (LD)
BUS 211 Business Statistics	Bsad-239 Statistics for Social Sciences
BUS 213 Statistical Business Applications	Bsad-ele Elective
BUS 220 Intro International Business	Econ-320 International Trade (LD) (shb)
BUS 231 Quant Methods/Bus Decision Making	Bsad-ele Elective
BUS 250 Principles of Real Estate BUS 260 Introduction to Insurance	Bsad-360 Principles of Real Estate (LD) Bsad-350 Principles of Insurance (LD)
BUS 278 Employment Law	Bsad-s50 Principles of insurance (LD) Bsad-ele Elective
BUS 902 Career Seminar	Bsad-ele Elective
BUS 904 Legal Study Tour	Bsad-ele Elective
BUS 932 Internship	Bsad-399 (LD)
CAD 119,125,126 CAD 139	Voca-100 Vocational/Technical Elective
CAD 139 CAD 148	Arts-ele Art Elective Voca-100 Vocational/Technical Elective
CAD 151,152	Arts-ele Art Elective
CAD 153,154,155,162,182, 184, 196,215, 220,	Voca-100 Vocational/Technical Elective
240,242,246,248,252,254	
CAT 430,431,432,433,434,435	Voca-100 Vocational/Technical Elective
CET 102,119,135,138,169,173,178,192,219,222,235,244,278,283 291, 304, 305,307	Voca-100 Vocational/Technical Elective
CHM 105 Survey of Chemistry	Chem-103 Chemistry for the NonScientist (nwl)
CHM 122 Introduction to General Chemistry	Chem-103 Chemistry for the NonScientist (nwl)
CHM 132 Intro to Organic and Biochemistry	Chem-107 Fundamentals of Organic and Biochemistry (nwl)
CHM 165 General/Inorganic Chemistry 1	Chem-111 General Chemistry 1 (nwl)
CHM 175 General /Inorganic Chemistry 2	Chem-112 General Chemistry 2 (nwl)
CHM 263 Organic Chemistry 1	Chem-321 Organic Chemistry 1 (LD) Chem-322 Organic Chemistry 2 (LD)
CHM 273 Organic Chemistry 2	Chan-522 Organic Channish y 2 (LD)
CIS 125 Intro to Programming w/ Logic + CIS 161 or 169 or 171	Bsad/Cpsc-241 Computer Science 1
CIS 130 Computer Programming	Voca-100 /Vocational/Technical Elective
CIS 140 Intro to Game Design	Voca-100/Vocational/Technical Elective
CIS 152 Data Structures	Cpsc-242 Object-Oriented Prog w Data Structures
CIS 154 Computational Structures	Math-140 Intro to Discrete Structures
CIS 161 C++ CIS 164 Advanced C++	Voca-100 /Vocational/Technical Elective Voca-100 /Vocational/Technical Elective
CIS 164 Advanced C++ CIS 169 C#	Voca-100 / Vocational/Technical Elective
66 Credits Maximum transfer for 2 year Colleges Allowed	

DNACC         Grand View University           CS 171 Java         Cpc-27 Programming I		
CB 171 Java         Cpcs-297 Programming in           CIS 174 Java         Cpcs-297 Programming in           CIS 174 Java         Cpcs-297 Programming in           CIS 175 Java         Programming 1         Veca-100 Vocational/Technical Elective           CIS 175 Java         Programming 1         Veca-100 Vocational/Technical Elective           CIS 175 Java         Programming 1         Veca-100 Vocational/Technical Elective           CIS 170 Java         Programming 1         Veca-100 Vocational/Technical Elective           CIS 201 Who Development 1         Veca-100 Vocational/Technical Elective           CIS 210 Web Development 1         Veca-100 Vocational/Technical Elective           CIS 201 Vecanore Website 2         Veca-100 Vocational/Technical Elective           CIS 201 Server side Web Programming         Veca-100 Vocational/Technical Elective           CIS 201 Discommer Website 2         Veca-100 Vocational/Technical Elective           CIS 201 Electronerse Website 2         Veca-100 Vocational/Technical Elective           CIS 302 Intro to XML         Veca-100 Vocational/Technical Elective           CIS 303 Dut Bease         Veca-100 Vocational/Technical Elective           CIS 303 Dut Bease         Veca-100 Vocational/Technical Elective           CIS 303 Dut Bease         Veca-100 Vocational/Technical Elective           CIS 303 Dut Bease 1(S) Coston	DMACC	Grand View University
CIS 17 Java Programming         Veca-100 Vacational/Technical Elective           CIS 175 Java Programming 1         Veca-100 Vacational/Technical Elective           CIS 175 Java Programming 1         Veca-100 Vacational/Technical Elective           CIS 175 Java Programming 2         Veca-100 Vacational/Technical Elective           CIS 175 Java Programming 2         Veca-100 Vacational/Technical Elective           CIS 204 Into to Weiste Development         Veca-100 Vacational/Technical Elective           CIS 107 Ward Programming         Veca-100 Vacational/Technical Elective           CIS 115 Storet acids Web Programming         Veca-100 Vacational/Technical Elective           CIS 120 Web Development 2         Veca-100 Vacational/Technical Elective           CIS 201 Wab Development 2         Veca-100 Vacational/Technical Elective           CIS 201 Wab Development 2         Veca-100 Vacational/Technical Elective           CIS 201 Wab Development 2         Veca-100 Vacational/Technical Elective           CIS 301 Into to Data Base 1 (CIS 320 Data Base and SQL         Based/Cpc-421 Relational Database (LD)           CIS 335 QL Conder         Veca-100 Vacational/Technical Elective           CIS 345 Database Design         Veca-100 Vacational/Technical Elective           CIS 400 Cohd         Veca-100 Vacational/Technical Elective           CIS 400 Cohd         Veca-100 Vacational/Technicical Elective           C		
CIS 175 Java H     Cges-297 Programming in       CIS 175 Java Programming 1     Voca-100 Vocational Technical Elective       CIS 175 Java Programming 2     Voca-100 Vocational Technical Elective       CIS 125 Java Programming 1     Voca-100 Vocational Technical Elective       CIS 207 Fund 0 Web Programming     Voca-100 Vocational Technical Elective       CIS 201 Web Development 1     Voca-100 Vocational Technical Elective       CIS 210 Web Development 2     Voca-100 Vocational Technical Elective       CIS 210 Web Development 2     Voca-100 Vocational Technical Elective       CIS 210 Web Development 2     Voca-100 Vocational Technical Elective       CIS 210 Web Development 2     Voca-100 Vocational Technical Elective       CIS 310 Into 10 Jan Base     Voca-100 Vocational Technical Elective       CIS 301 Into 10 Jan Base 2     Voca-100 Vocational Technical Elective       CIS 301 Into 10 Jan Base 2     Voca-100 Vocational Technical Elective       CIS 301 Into 10 Jan Base 2     Voca-100 Vocational Technical Elective       CIS 301 Into 10 Jan Base 2     Voca-100 Vocational Technical Elective       CIS 301 Into 10 Jan Base 2     Voca-100 Vocational Technical Elective       CIS 302 Into 10 Jan Base     Voca-100 Vocational Technical Elective       CIS 302 Into 10 Jan Base 2     Voca-100 Vocational Technical Elective       CIS 302 Into 10 Jan Base 2     Voca-100 Vocational Technical Elective       CIS 403 Into 10 Jan Base 2 </td <td></td> <td></td>		
CIS 173 Java Programming 1     Voca-100 Vocational Technical Elective       CIS 173 Java Programming 2     Voca-100 Vocational Technical Elective       CIS 120 Java Programming 1     Voca-100 Vocational Technical Elective       CIS 201 Intro to Webrits Development 1     Voca-100 Vocational Technical Elective       CIS 120 Webr Development 1     Voca-100 Vocational Technical Elective       CIS 121 Web Development 1     Voca-100 Vocational Technical Elective       CIS 121 Webr Development 2     Voca-100 Vocational Technical Elective       CIS 211 Web Development 2     Voca-100 Vocational Technical Elective       CIS 210 Web Development 2     Voca-100 Vocational Technical Elective       CIS 240 + 107     ClpaceBau-232 Web Derg and Bav. For E-Commerce (LD)       CIS 241 + 107     ClpaceBau-232 Web Derg and Bav.       CIS 340 + 107     ClpaceBau-232 Web Derg and Bav.       CIS 340 + 107     ClpaceBau-232 Web Derg and Bav.       CIS 340 + 107     ClpaceBau-232 Web Derg and Bav.       CIS 340 + 107     ClpaceBau-232 Web Derg and Bav.       CIS 340 + 107     ClpaceBau-232 Web Derg and Bav.       CIS 340 + 100 + 000 indical Technical Elective     ClpaceBau Bav.       CIS 340 + 100 + 000 indical Technical Elective     Cls 340 Cohe       CIS 340 + 100 + 000 indical Technical Elective     Cls 340 Cohe       CIS 340 + 000 + 000 indical Technical Elective     Cls 340 Cohe       CIS 340 + 000 + 000 in	0 0	
CIS 170 Java Programming 2         Voca-100 Vocational Technical Elective           CIS 120 Java Novelssine Development         Voca-100 Vocational Technical Elective           CIS 20 Than do Web Programming         Voca-100 Vocational Technical Elective           CIS 20 Web Development 1         Voca-100 Vocational Technical Elective           CIS 210 Web Development 2         Voca-100 Vocational Technical Elective           CIS 210 Server side Web Programming         Voca-100 Vocational Technical Elective           CIS 240 E Commerce Website 2         Voca-100 Vocational Technical Elective           CIS 240 E Commerce Website 2         Voca-100 Vocational Technical Elective           CIS 240 E Commerce Website 2         Voca-100 Vocational Technical Elective           CIS 340 E Commerce Website 2         Voca-100 Vocational Technical Elective           CIS 340 E Commerce Website 2         Voca-100 Vocational Technical Elective           CIS 340 E Commerce Website 3         Voca-100 Vocational Technical Elective           CIS 340 E Database and SQL         Voca-100 Vocational Technical Elective           CIS 340 E Database Design         Voca-100 Vocational Technical Elective           CIS 340 E Database Design         Voca-100 Vocational Technical Elective           CIS 340 Elective         Voca-100 Vocational Technical Elective           CIS 340 Elective         Voca-100 Vocational Technical Elective		
CIS 12: SP and Servles     Cps-242.00pect-Orientel Programming       CIS 204 Into to Website Development     Voca-100 Vocational Technical Elective       CIS 200 With Development 1     Voca-100 Vocational Technical Elective       CIS 210 With Development 1     Voca-100 Vocational Technical Elective       CIS 211 Web Development 2     Voca-100 Vocational Technical Elective       CIS 210 With Development 2     Voca-100 Vocational Technical Elective       CIS 240 + 207     Cps-SP8a-J52 Web Desig and Dev. For E-Ornnerce (LD)       CIS 320 Into to XML     Voca-100 Vocational Technical Elective       CIS 320 Into to XML     Voca-100 Vocational Technical Elective       CIS 320 Into to XML     Voca-100 Vocational Technical Elective       CIS 330 Into to Data Base     Cps-C31 Robit Check       CIS 330 Into to Data Base     Voca-100 Vocational Technical Elective       CIS 340 Into Data Base     Cps-C31 Robit Check       CIS 400 Cobid     Voca-100 Vocational Technical Elective       CIS 415 Cobol II     Voca-100 Vocational Technical Elective       CIS 580 Concured Organization     Voca-100 Vocational Technical Elective       CIS 580 Concured Organization     Voca-100 Vocational Technical Elective       CIS 600 Fillian Development I     Voca-100 Vocational Technical Elective       CIS 600 Fillian Development I     Voca-100 Vocational Technical Elective       CIS 600 Filian Development I     Voca-100 Vocational Technical		
CIS 20P Ind of Website Development     Voca-100 Vocational Technical Elective       CIS 20P End of Web Programming     Voca-100 Vocational Technical Elective       CIS 211 Web Development 1     Voca-100 Vocational Technical Elective       CIS 211 Server side Web Programming     Voca-100 Vocational Technical Elective       CIS 210 For Domeree Website 2     Voca-100 Vocational Technical Elective       CIS 240 F Commeree Website 2     Voca-100 Vocational Technical Elective       CIS 240 F Commeree Website 2     Voca-100 Vocational Technical Elective       CIS 320 But on Data Base     Voca-100 Vocational Technical Elective       CIS 330 Junt os and SQL     Voca-100 Vocational Technical Elective       CIS 330 Junt os and SQL     Voca-100 Vocational Technical Elective       CIS 340 Elective     Voca-100 Vocational Technical Elective       CIS 340 London     Voca-100 Vocational Technical Elective       CIS 340 London     Voca-100 Vocational Technical Elective       CIS 440 London     Voca-100 Vocational Technical Elective       CIS 450 London     Voca-100 Vocational Technical Elective       CIS 450 London     Voca-100 Vocational Technical Elective    <		
CIS 207 End of Web Programming         Voca-100 Vocational Technical Elective           CIS 210 Web Development 1         Voca-100 Vocational Technical Elective           CIS 211 Web Development 2         Voca-100 Vocational Technical Elective           CIS 215 Server 36 Web Programming         Voca-100 Vocational Technical Elective           CIS 240 + 207         Cpcs/Bead-325 Web Desg and Dev. For F-Commerce (LD)           CIS 240 + 207         Cpcs/Bead-325 Web Desg and Dev. For F-Commerce (LD)           CIS 301 Into to Data Base         Voca-100 Vocational Technical Elective           CIS 302 Into Data Base + CIS 322 Data Base and SQL         Bad/Cpc-421 Relational Database (LD)           CIS 303 Into to Data Base + CIS 322 Data Base and SQL         Woca-100 Vocational Technical Elective           CIS 303 Into to Data Base + CIS 322 Data Base and SQL         Woca-100 Vocational Technical Elective           CIS 404 Database Design         Voca-100 Vocational Technical Elective           CIS 405 Cohol II         Voca-100 Vocational Technical Elective           CIS 883 Computer Organization         Voca-100 Vocational Technical Elective           CIS 884 Computer Organization         Voca-100 Vocational Technical Elective           CIS 893 Computer Organization         Voca-100 Vocational Technical Elective           CIS 404 Visual Basic         Cpc:////////////////////////////////////		
CIS 210 Web Development 1       Voca-100 Vocational Technical Elective         CIS 211 Server side Web Programming       Voca-100 Vocational Technical Elective         CIS 240 E Commerce Website 2       Voca-100 Vocational Technical Elective         CIS 240 E Commerce Website 2       Voca-100 Vocational Technical Elective         CIS 240 E Commerce Website 2       Voca-100 Vocational Technical Elective         CIS 240 E Commerce Website 2       Voca-100 Vocational Technical Elective         CIS 320 End Base and SQL       Voca-100 Vocational Technical Elective         CIS 330 Into to Data Base (TS 332 Data Base and SQL       Basal Cpec-421 Relational Database (LD)         CIS 340 Edo Data Base (TS 332 Data Base and SQL       Voca-100 Vocational Technical Elective         CIS 402 Cobol       Voca-100 Vocational Technical Elective         CIS 402 Cobol       Voca-100 Vocational Technical Elective         CIS 505 Structured Systems Analysis       Cpsc-1834 S420, str Analysis and Data Data Data Data Data Data Data Dat	1	
CIS 215 Server side Web Programming         Voca-100 Vocational/Technical Elective           CIS 240 F. Commerce Website 2         Voca-100 Vocational/Technical Elective           CIS 240 F. Commerce Website 2         Voca-100 Vocational/Technical Elective           CIS 240 F. Commerce Website 2         Voca-100 Vocational/Technical Elective           CIS 320 Intro to XMI.         Voca-100 Vocational/Technical Elective           CIS 330 Intro to Data Base         Alexand Voca-100 Vocational/Technical Elective           CIS 330 Intro to Data Base and SQL         Soca-100 Vocational/Technical Elective           CIS 340 Elocobal         Voca-100 Vocational/Technical Elective           CIS 440 Ecobal         Voca-100 Vocational/Technical Elective           CIS 432 Elocobal         Voca-100 Vocational/Technical Elective           CIS 50 Structured Systems Analysis         Cpac-853 Intro to Programming Using Visual Basic           CIS 50 Visual Basic         Cpac-100 Vocational/Technical Elective           CIS 70 Hielp Desk Operations         Voca-100 Vocational/Technical Elective           COM 146 Gender, Sexuality and Media         Comm-shb           COM 146 Gender, Sexuality and Media         Comm-shb           COM 143 Directional Skills         Voca-100 Vocational/Technical Elective           CIN 100,107,109, 111,28,41,167,176,78, 222,292,424,268,492,476,71,78,279,292,293,296,297, 298,203,330,331,331,329,392         Socs-340 Juremit		
CIB 240 E Commerce Websic 2     Yosa-100 Vocational/Technical Elective       CIS 240 - 207     Cpse/Basd-328 Web Design and Dev, For E-Commerce (LD)       CIS 347 Intro to XML     Yosa-100 Vocational/Technical Elective       CIS 303 Intro to Data Base     Yosa-100 Vocational/Technical Elective       CIS 330 Intro to Data Base - CIS 332 Data Base and SQL     Bsad/Cpsc-412 Relational DataBases (LD)       CIS 340 Intro Data Base - CIS 332 Data Base and SQL     Yosa-100 Vocational/Technical Elective       CIS 340 Intro Data Base - CIS 332 Data Base and SQL     Yosa-100 Vocational/Technical Elective       CIS 346 DataBase Design     Yosa-100 Vocational/Technical Elective       CIS 413 Cobol II     Yosa-100 Vocational/Technical Elective       CIS 580 Structured Systems Analysis     Cpsc-108 Voca-100 Vocational/Technical Elective       CIS 580 Compared Organization     Yosa-100 Vocational/Technical Elective       CIS 580 Compared Organization     Yosa-100 Vocational/Technical Elective       CIS 580 Compared Organization     Yosa-100 Vocational/Technical Elective       CIS 640 Visual Basic     Cpsc-lel Rective       CIS 701 Help Desk Operations     Yosa-100 Vocational/Technical Elective       COM 146 Gender, Sevanlity and Media     Comm-shb       COM 143 Gender, Sevanlity and Media     Comm-shb       COM 143 Gender, Sevanlity and Media     Comm-shb       COM 143 Gender, Sevanlity and Media     Comm-shb       COM 133 Communic	CIS 211 Web Development 2	Voca-100 Vocational/Technical Elective
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	CIS 215 Server side Web Programming	Voca-100 Vocational/Technical Elective
CIS 247 Intro to XML     Yoca-100 Vocational/Technical Elective       CIS 303 Intro Data Base     Yoca-100 Vocational/Technical Elective       CIS 303 Intro Data Base + CIS 332 Data Base and SQL     Yoca-100 Vocational/Technical Elective       CIS 303 Intro Data Base + CIS 332 Data Base and SQL     Yoca-100 Vocational/Technical Elective       CIS 334 Data base and SQL     Yoca-100 Vocational/Technical Elective       CIS 346 Database Design     Yoca-100 Vocational/Technical Elective       CIS 413 Cobol I     Yoca-100 Vocational/Technical Elective       CIS 505 Structured Systems Analysis     CpexBasd-SB YSS Analysis and Dsgn (LD)       CIS 504 Cobol     Yoca-100 Vocational/Technical Elective       CIS 505 Structured Systems Analysis     CpexBasd-SB YSS Analysis and Dsgn (LD)       CIS 504 Visual Basic     Cpac-155 Intro Programming Using Visual Basic       CIS 70 Help Desk Operations     Voca-100 Vocational/Technical Elective       COM 145 Diversity and the Media     Comm-shb       COM 145 Diversity and the Media     Comm-shb       COM 143 Diversity and the Media     Comm-shb       COM 143 Diversity and the Media     Yoca-100 Vocational/Technical Elective       CON 333.34,336,337,338,341,342,346,480,481,482,949     Yoca-100 Vocational/Technical Elective       CON 333.34,336,337,338,341,342,346,480,481,482,949     Yoca-100 Vocational/Technical Elective       CR1 100,107,109, 111,128,141,167,176,178, 222,239,646,267,868,207,677,77,278,279,292,293,296		Voca-100 Vocational/Technical Elective
CIS 303 Intro to Data Base       Yoca-100 Vocational/Technical Elective         CIS 332 Data Base and SQL       Yoca-100 Vocational/Technical Elective         CIS 333 Shirto to Data Base + CIS 332 Data Base and SQL       Bsad (Cps-42) Relational Database (LD)         CIS 338 SQL Oracle       Yoca-100 Vocational/Technical Elective         CIS 343 SQL Oracle       Yoca-100 Vocational/Technical Elective         CIS 440 CAbd       Yoca-100 Vocational/Technical Elective         CIS 440 CAbd       Yoca-100 Vocational/Technical Elective         CIS 450 Structured Systems Analysis       Cpsc/Bsd-381 Syst Analysis and Dsgn (LD)         CIS 585 Computer Organization       Yoca-100 Vocational/Technical Elective         CIS 593 Chapter Statistical Sta		Cpsc/Bsad-325 Web Design and Dev. For E-Commerce (LD)
CIS 332 Dan Base and SQL       Yoca-100 Vocational/Technical Elective         CIS 303 Intro to Dan Base - CIS 332 Data Base and SQL       Bsad/Cpc-241 Relational Database (LD)         CIS 334 DutAbase Design       Voca-100 Vocational/Technical Elective         CIS 402 Cobol       Voca-100 Vocational/Technical Elective         CIS 413 Cobol II       Voca-100 Vocational/Technical Elective         CIS 503 Minimare Operations       Voca-100 Vocational/Technical Elective         CIS 504 Visual Basic       Cpsc-Flasd-54 I Syst Analysis and Dsgn (LD)         CIS 701 Help Desk Operations       Voca-100 Vocational/Technical Elective         CIS 701 Help Desk Operations       Voca-100 Vocational/Technical Elective         COM 143 Diversity and the Media       Comm-shb         COM 143 Diversity and the Media </td <td></td> <td></td>		
CIS 303 Intro to Data Base + CIS 332 Data Base and SQL       Bsad(Cpsc-421 Relational Database (LD)         CIS 338 SQL, Oracle       Voca:100 Vocational/Technical Elective         CIS 348 OL concle       Voca:100 Vocational/Technical Elective         CIS 443 Cohol II       Voca:100 Vocational/Technical Elective         CIS 413 Cohol II       Voca:100 Vocational/Technical Elective         CIS 580 Structured Systems Analysis       Cpsc/Bsad-S81 Syst Analysis and Dsgn (LD)         CIS 580 Computer Organization       Voca:100 Vocational/Technical Elective         CIS 503 Mainframe Operations       Voca:100 Vocational/Technical Elective         CIS 923 CIS Intenship       Cpsc-151 Intro to Programming Using Visual Basic         COM 146 Gender, Sexuality and Media       Comm-shb         COM 136 Gender, Sexuality and Media       Comm-shb         COM 333,334,336,337,338,341,342,346,481,482,949       Voca-100 Vocational/Technical Elective         CR 100,107,109, 111,128,141,167,176,178, 272,293,296,297, 223,294,267,268,297,277,278,279,292,293,296,297, 278,279,2727,278,279,279,292,293,296,297, 278,279,2737,278,279,279,292,293,296,297, 278,279,2727,278,279,292,293,296,297, 278,279,2727,278,279,292,293,296,297, 278,279,273,272,272,274,279,292,293,296,297, 278,279,2737,278,279,292,293,296,297, 278,279,2737,278,279,279,292,293,296,297, 278,279,274,279,274,279,292,293,296,297, 278,279,274,279,274,279,292,293,296,297, 278,279,2747,278,279,292,293,296,297, 278,279,274,279,274,279,274,279,274,279,274,279,274,279,274,279,274,279,274,279,274,279,274,279,274,279,274,279,274,279,274,279,27		
CIS 338 SQL, Oracle       Voca-100 Vocational/Technical Elective         CIS 346 Duabase Design       Voca-100 Vocational/Technical Elective         CIS 402 Cobol       Voca-100 Vocational/Technical Elective         CIS 402 Cobol       Voca-100 Vocational/Technical Elective         CIS 403 Structured Systems Analysis       Cpsr/Stad-38 J Syst Analysis and Dsgn (LD)         CIS 505 Structured Systems Analysis       Cpsr/Stad-38 J Syst Analysis and Dsgn (LD)         CIS 504 Minama Coperations       Voca-100 Vocational/Technical Elective         CIS 504 Visual Basic       Cpsr-Stad-58 J Syst Analysis and Dsgn (LD)         CIS 701 Help Desk Operations       Voca-100 Vocational/Technical Elective         CIS 702 Help Desk Operations       Voca-100 Vocational/Technical Elective         COM 146 Gender, Sexuality and Media       Comm-shb         COM 146 Dender, Sexuality and Media       Comm-shb         COM 146 Operator Stalls       Voca-100 Vocational/Technical Elective         COM 1010,107,109, 111,128,141,167,176,178,       Zys29,264,267,268,209,276,277,278,279,292,296,297,298,296,29		
CIS 340 Database Design       Voca-100 Vocational/Technical Elective         CIS 402 Cobd       Voca-100 Vocational/Technical Elective         CIS 413 Cobol II       Voca-100 Vocational/Technical Elective         CIS 585 Computer Organization       Cyce/Baid-381 Syst Analysis and Dogm (D)         CIS 585 Computer Organization       Voca-100 Vocational/Technical Elective         CIS 593 Mainframe Operations       Voca-100 Vocational/Technical Elective         CIS 592 CIS Intership       Cpsc-155 Intro to Programming Using Visual Basic         CIS 923 CIS Internship       Cpsc-155 Intro to Programming Using Visual Basic         COM 146 Cender, Sexuality and Media       Comm-shb         COM 146 Cender, Sexuality and Media       Comm-shb         COM 333,334,336,337,338,341,342,346,480,481,482,949       Voca-100 Vocational/Technical Elective         CR 100,107,109, 111,128,141, 167,176,178, 222,239,246,276,282,692,76,277,278,279,292,293,296,297, 298,301,302,303,333,31,332,942       Crai-100 Vocational/Technical Elective         CR 117 JW white Collar Crimes       Socs-367 White Collar Crime (D)       Socs-400 Jup (D)         CR 1195 Crime Scene Investigation 11 (2 cr.)       Socs-400 Jup (D)       Socs-400 Jup (D)         CR 1292 Penology       Socs-420 Corrections and Penology       CR 237 Criminal A Constitutional Law         CR 131 JW Evertions       Socs-420 Corrections and Penology       CR 243 Genetinter Insertingatin <td></td> <td></td>		
CIS 402 Cobol       Voca-100 Vocational/Technical Elective         CIS 413 Cobol II       Voca-100 Vocational/Technical Elective         CIS 505 Structured Systems Analysis       Cpsc/Bsad-381 Syst Analysis and Dggn (LD)         CIS 588 Computer Organization       Voca-100 Vocational/Technical Elective         CIS 593 Mainframe Operations       Voca-100 Vocational/Technical Elective         CIS 700 Help Desk Operations       Cpsc-155 Intro to Programming Using Usual Basic         CIS 720 Help Desk Operations       Voca-100 Vocational/Technical Elective         COM 146 Gender, Sexuality and Media       Comm-shb         COM 146 Gender, Sexuality and Media       Comm-shb         COM 146 Orgenty and Media       Comm-shb         COM 146 Gender, Sexuality and Media       Comm-shb         COM 147 Diversity and the Media       Comm-shb         COM 148 Diversity and the Media       Comm-shb         COM 148 Diversity and the Media       Comm-shb         CON 100, 107, 109, 111, 128, 141, 167, 176, 178, 223, 293, 293, 293, 293, 293, 293, 293		
CIS 413 Cobol II       Voca-100 Vocational/Technical Elective         CIS 505 Structured System Analysis       Cpse/Baid-381 Syst Analysis and Degn (LD)         CIS 585 Computer Organization       Voca-100 Vocational/Technical Elective         CIS 640 Yusual Basic       Cpsc-155 Intro to Programming Using Visual Basic         CIS 720 Help Desk Operations       Voca-100 Vocational/Technical Elective         CIS 720 Help Desk Operations       Voca-100 Vocational/Technical Elective         CIS 720 Help Desk Operations       Comm-shb         COM 146 Eversity and the Media       Comm-shb         COM 146 Diversity and the Media       Comm-shb         COM 703 Communication Skills       Voca-100 Vocational/Technical Elective         CR1 100.107.109, 111.128, 141, 167.176.178, 222, 239, 246, 267, 268, 269, 276, 777, 278, 279, 292, 293, 296, 297, 298, 201, 203, 330, 331, 332, 932       Crj-ele Elective         CR1 100.107,109, 111.128, 141, 167, 176, 178, 222, 239, 246, 268, 269, 276, 777, 278, 279, 292, 293, 296, 297, 298, 201, 203, 330, 331, 332, 932       Crj-ele Elective         CR1 137 Juvenile Law       Socs-367 White Collar Crime (LD)       CR1 100, 107, 109, 111, 128, 141, 167, 176, 178, 202, 293, 296, 297, 298, 201, 203, 330, 331, 332, 932       Crj-ele Elective         CR1 196 Crime Scene Investigation (4 crs.)       Socs-400 (LDa)       CR1 196, Crime (LD)         CR1 196 Crime Scene Investigation (1 cr.)       Socs-elective       Socs-200 Corrections and		
CIS 505 Structured Systems Analysis       Cpsc/Bsad-381 Syst Analysis and Dgm (LD)         CIS 588 Computer Organization       Voca-100 Vocational/Technical Elective         CIS 504 Visual Basic       Cpsc-155 Intro to Programming Using Visual Basic         CIS 720 Help Desk Operations       Voca-100 Vocational/Technical Elective         CIS 604 Visual Basic       Cpsc-155 Intro to Programming Using Visual Basic         CIS 720 Help Desk Operations       Voca-100 Vocational/Technical Elective         COM 146 Gender, Sexuality and Media       Comm-shb         COM 703 Communication Skills       Voca-100 Vocational/Technical Elective         COM 703 Communication Skills       Voca-100 Vocational/Technical Elective         CR1 100,107,109, 111,128,141,167,176,178,       Crj-ele Elective         222,292,042,457,268,269,276,277,278,279,292,293,296,297,       293,301,302,303,303,31,32,932         CR1 137 Universite Law       Socs-340 Juvenile Justice and Gangs(LD)         CR1 197 White Collar Crimes       Socs-340 Juvenile Lustice and Gangs(LD)         CR1 197 Strime Scene Investigation 1 (2 cr.)       Socs-420 (LD)         CR1 202 Penology       Socs-220 Corrections and Penology         CR1 202 Penology       Socs-220 Corrections and Penology         CR1 202 Penology       Socs-220 Corrections and Penology         CR1 204 Penology       Socs-220 Corrections and Penology		
CIS 588 Computer Organization       Voca-100 Vocational/Technical Elective         CIS 593 Mainframe Operations       Voca-100 Vocational/Technical Elective         CIS 502 Help Desk Operations       Voca-100 Vocational/Technical Elective         CIS 502 Help Desk Operations       Voca-100 Vocational/Technical Elective         CIS 502 Help Desk Operations       Voca-100 Vocational/Technical Elective         COM 146 Gender, Sexuality and Media       Comm-shb         COM 136 Gender, Sexuality and Media       Comm-shb         COM 703 Communication Skills       Voca-100 Vocational/Technical Elective         CON 33,334,336,337,338,341,342,346,480,481,482,949       Voca-100 Vocational/Technical Elective         CRI 100,107,109, 111,128,141, 167,176,178.       Crj-ele Elective         22,239,264,276,288,209,726,772,782,792,929,293,296,297,       Crj-ele Elective         22,239,264,276,288,209,762,772,782,792,992,293,296,297,       Socs-340 Juvenile Justice and Gangs(LD)         CRI 179 Wheile Collar Crimes       Socs-340 Juvenile Justice and Gangs(LD)         CRI 179 Divenile Law       Socs-340 Juvenile Justice and Gangs(LD)         CRI 196 Crime Scene Investigation 1 (2 cr.)       Socs-420 (LD)         CRI 197 Crime Scene Investigation 1 (2 cr.)       Socs-420 Corrections and Penology         CRI 292 Penology       Socs-20 Corrections and Penology         CRI 292 Penology       Socs-20 Correcti		
CIS 593 Mainframe Operations       Voca-100 Vocational/Technical Elective         CIS 604 Visual Basic       Cpsc-155 Intro to Programming Using Visual Basic         CIS 720 Help Desk Operations       Voca-100 Vocational/Technical Elective         CIS 720 Help Desk Operations       Voca-100 Vocational/Technical Elective         COM 148 Diversity and the Media       Comm-shb         COM 143 Diversity and the Media       Comm-shb         COM 703 Communication Skills       Voca-100 Vocational/Technical Elective         CON 333,334,336,337,338,341,342,346,480,481,482, 949       Voca-100 Vocational/Technical Elective         CR 100,107,109, 111,128,141, 167,176,178.       Crj-ele Elective         CR 101,007,109, 111,128,141, 167,176,178.       Crj-ele Elective         CR 101,170,109, 111,128,141, 167,176,178.       Crj-ele Elective         CR 101,100,107,109, 111,128,141, 167,176,178.       Crj-ele Scale Algo Algo Algo Algo Algo Algo Algo Algo		
CIS 604 Visual Basic       Cpsc-155 Intro to Programming Using Visual Basic         CIS 720 Help Desk Operations       Voca-100 Vocational/Technical Elective         COM 146 Gender, Sexuality and Media       Comm-shb         COM 148 Diversity and the Media       Comm-shb         COM 703 Communication Skills       Voca-100 Vocational/Technical Elective         CON 333,334,336,337,338,341,342,346,480,481,482,949       Voca-100 Vocational/Technical Elective         CON 333,334,336,337,338,341,342,346,480,481,482,949       Voca-100 Vocational/Technical Elective         CON 133,334,336,337,338,341,342,346,480,481,482,949       Voca-100 Vocational/Technical Elective         CON 333,334,336,337,338,341,342,946,887,482,949       Voca-100 Vocational/Technical Elective         CRJ 100,107,109, 111,128,141, 167,176,178,       Crj-ele Elective         222,239,264,267,268,269,276,271,278,279,292,293,296,297,       298,301,302,303,313,312, 992         CRJ 137 Divenile Law       Socs-360 White Collar Crime (LD)         CRJ 197 Crime Scene Investigation 1 (2 cr.)       Socs-402 (LD)         CRJ 197 Crime Scene Investigation 1 (2 cr.)       Socs-elective         CRJ 292 Penology       Socs-320 Corrections and Penology         CRJ 232 Penology       Socs-320 Adv Amer. Constitutional Law and Dev. 1 (LD)         CRJ 232 Penology       Socs-375 Introduction to Homeland Security (LD)         CRJ 248 Scientific Investig		
CIS 720 Help Desk Operations       Voca-100 Vocational/Technical Elective         CIS 922 CIS Internship       Cpsc-ele Elective         COM 146 Gender, Sexuality and Media       Comm-shb         COM 148 Diversity and the Media       Comm-shb         COM 703 Communication Skills       Voca-100 Vocational/Technical Elective         CON 333,334,336,337,338,341,342,346,480,481,482,949       Voca-100 Vocational/Technical Elective         CR 100,107,109, 111,128,141, 167,176,178,       Crj-ele Elective         222,339,264,267,268,269,276,277,278,279,292,293,296,297,       298,301,302,303,331,332, 932         CR 1179 White Collar Crimes       Socs-340 Juvenile Justice and Gangs(LD)         CR 1197 White Collar Crime Scene Investigation (4 crs.)       Socs-420 (LD)         CR 1196 Crime Scene Investigation 11 (2 cr.)       Socs-elective         CR 129 Penology       Socs-202 Corrections and Penology         CR 238 Corrections & Constitutional Law       Pols-340 Amer. Constitutional Law and Dev. 1 (LD)         CR 238 Corrections & Constitutional Law       Pols-340 Amer. Constitutional Law and Dev. 1 (LD)         CR 248 Scientific Investigation       Socs-375 Introduction to Homeland Security (LD)         CR 248 Scientific Investigation       Socs-375 Introduction to Homeland Security (LD)         CR 248 Scientific Investigation       Socs-375 Introduction to Homeland Security (LD)         CR 248 Scientifi		
CIS 932 CIS Internship       Cpsc-ele Elective         COM 146 Gender, Sexuality and Media       Comm-shb         COM 703 Communication Skills       Voca-100 Vocational/Technical Elective         CON 333,334,336,337,338,341,342,346,480,481,482,949       Voca-100 Vocational/Technical Elective         CRU 100,107,109, 111,128,141,167,176,178       Crj-ele Elective         222,239,264,267,263,269,276,277,278,279,292,293,296,297,298,301,302,303,330,331,332, 932       Crj-ele Elective         CR 1137 Juvenile Law       Socs-340 Juvenile Justice and Gangs(LD)         CR 1197 White Collar Crimes       Socs-340 Juvenile Collar Crime (LD)         CR 1197 White Collar Crimes Scene Investigation 1 (2 cr.)       Socs-420 (LD)         CR 197 Crime Scene Investigation 1 (2 cr.)       Socs-elective         CR 232 Corrections & Constitutional Law       Pols-340 Amer. Constitutional Law and Dev. 1 (LD)         CR 232 Siminal & Constitutional Law       Pols-340 Amer. Constitutional Law and Dev. 1 (LD)         CR 233 Corrections & Constitutional Law       Pols-340 Amer. Constitutional Law and Dev. 1 (LD)         CR 232 Speniology       Socs-375 Introduction to Homeland Security (LD)         CR 233 Corrections & Constitutional Law       Pols-340 Amer. Constitutional Law and Dev. 1 (LD)         CR 233 Corrections & Constitutional Law       Pols-340 Amer. Constitutional Law and Dev. 1 (LD)         CR 248 Scientific Investigation       Soc-420 F	CIS 720 Help Desk Operations	
COM 148 Diversity and the Media       Comm-shb         COM 703 Communication Skills       Voca-100 Vocational/Technical Elective         CON 333,334,336,337,338,341,342,346,480,481,482,949       Voca-100 Vocational/Technical Elective         CRJ 100,107,109, 111,128,141, 167,176,178, 222,239,264,267,268,269,276,277,278,279,292,293,296,297, 298,301,302,303,331,332, 932       Crj-ele Elective         CRJ 137 Juvenile Law       Socs-340 Juvenile Justice and Gangs(LD)         CRJ 197 White Collar Crimes       Socs-367 White Collar Crime (LD)         CRJ 197 Drime Scene Investigation 1 (crs.)       Socs-420 (LD)         CRJ 197 Crime Scene Investigation 1 (2 cr.)       Socs-202 Corrections and Penology         CRJ 292 Penology       Socs-202 Corrections and Penology         CRJ 293 Criminal & Constitutional Law       Pols-340 Amer. Constitutional Law and Dev. 1 (LD)         CRJ 294 Scientific Investigation       Soc-420 Forensic Science and Crime Scene Investigation (LD)         CRJ 248 Scientific Investigation       Soc-420 Forensic Science and Crime Scene Investigation         CRJ 248 Scientific Investigation       Soc-420 Forensic Science and Crime Scene Investigation         CRJ 248 Scientific Investigation       Soc-420 Forensic Science and Crime Scene Investigation (LD)         CRJ 248 Scientific Investigation       Soc-420 Forensic Science and Crime Scene Investigation (LD)         CRJ 310 Homeland Security       Socs-375 Introduction to Homeland Security		Cpsc-ele Elective
COM 148 Diversity and the Media       Comm-shb         COM 703 Communication Skills       Voca-100 Vocational/Technical Elective         CON 333,334,336,337,338,341,342,346,480,481,482,949       Voca-100 Vocational/Technical Elective         CRJ 100,107,109, 111,128,141, 167,176,178, 222,239,264,267,268,269,276,277,278,279,292,293,296,297, 298,301,302,303,331,332, 932       Crj-ele Elective         CRJ 137 Juvenile Law       Socs-340 Juvenile Justice and Gangs(LD)         CRJ 197 White Collar Crimes       Socs-367 White Collar Crime (LD)         CRJ 197 Drime Scene Investigation 1 (crs.)       Socs-420 (LD)         CRJ 197 Crime Scene Investigation 1 (2 cr.)       Socs-202 Corrections and Penology         CRJ 292 Penology       Socs-202 Corrections and Penology         CRJ 293 Criminal & Constitutional Law       Pols-340 Amer. Constitutional Law and Dev. 1 (LD)         CRJ 294 Scientific Investigation       Soc-420 Forensic Science and Crime Scene Investigation (LD)         CRJ 248 Scientific Investigation       Soc-420 Forensic Science and Crime Scene Investigation         CRJ 248 Scientific Investigation       Soc-420 Forensic Science and Crime Scene Investigation         CRJ 248 Scientific Investigation       Soc-420 Forensic Science and Crime Scene Investigation (LD)         CRJ 248 Scientific Investigation       Soc-420 Forensic Science and Crime Scene Investigation (LD)         CRJ 310 Homeland Security       Socs-375 Introduction to Homeland Security		
COM 703 Communication Skills       Voca-100 Vocational/Technical Elective         CON 333,334,336,337,338,341,342,346,480,481,482,949       Voca-100 Vocational/Technical Elective         CRJ 100,107,109, 111,128,141, 167,176,178, 222,239,264,267,268,269,276,277,278,279,292,293,296,297, 298,301,302,303,330,331,332,932       Crj-ele Elective         CRJ 137 Juvenile Law       Socs-340 Juvenile Justice and Gangs(LD)       CRI 179 White Collar Crimes         CRJ 197 White Collar Crimes       Socs-367 White Collar Crime (LD)       CRI 197 White Collar Crime Scene Investigation 1 (2 cr.)         CRJ 199 Crime Scene Investigation 1 (2 cr.)       Socs-elective       CRI 197 White Collar Crime Scene Investigation II (2 cr.)         CRJ 229 Penology       Socs-202 Corrections and Penology       CRI 232 Corrections & Constitutional Law         CRJ 232 Oriminal & Constitutional Law       Pols-340 Amer. Constitutional Law and Dev. 1 (LD)         CRJ 248 Scientific Investigation       Soc-420 Forensic Science and Crime Scene Investigation (LD)         CRJ 248 Scientific Investigation       Soc-375 Introduction to Homeland Security (LD)         CRZ 130 Homeland Security       Socs-375 Introduction to Homeland Security (LD)         CRX 101,150,202,325,502,655,742,760,841,876,877       Voca-100 Vocational/Technical Elective         CSC 105 Computer Essentials       Cpsc-101 Computer Proficiency         CSC 109 Experience Information Technology       Cpsc-del Elective         DEA 25		Comm-shb
CON 333,334,336,337,338,341,342,346,480,481,482,949Voca-100 Vocational/Technical ElectiveCRJ 100,107,109, 111,128,141, 167,176,178, 222,239,264,267,268,269,276,277,278,279,292,293,296,297, 298,301,302,303,30,31,32,932Crj-ele ElectiveCRJ 137 Juvenile LawSocs-340 Juvenile Justice and Gangs(LD)CRJ 199 Krime Scene Investigation 1 (2 cr.)Socs-367 White Collar Crime (LD)CRJ 196 Crime Scene Investigation 11 (2 cr.)Socs-420 (LD)CRJ 229 PenologySocs-200 Corrections and PenologyCRJ 238 Corrections & Constitutional LawPols-340 Amer. Constitutional Law and Dev. 1 (LD)CRJ 238 Corrections & Constitutional LawPols-340 Amer. Constitutional Law and Dev. 1 (LD)CRJ 310 Homeland SecuritySocs-375 Introduction to Homeland Security (LD)CRJ 310 Homeland SecuritySocs-375 Introduction to Homeland Security (LD)CRS 105 Computer EssentialsCpsc-101 Computer ProficiencyCSC 105 Computer EssentialsCpsc-101 Computer ProficiencyCSC 109 Experience Information TechnologyCpsc-ele ElectiveCSC 110 Intro to ComputersBsad-145 Fundamentals of Information SystemsDEA 253,256,263,297,321,424,507,576,577,591,615,702Voca-100 Vocational/Technical ElectiveDHY 114,121,133,141,161,164, 170,171,181,182,211,221,223Voca-100 Vocational/Technical ElectiveDRA 101 Introduction to TheatreThtr-afa	· · ·	
CRJ 100,107,109,111,128,141,167,176,178, 222,239,24,267,268,269,276,277,278,279,292,293,296,297, 298,301,302,303,330,331,332, 932Crj-ele ElectiveCRJ 137 Juvenile LawSocs-340 Juvenile Justice and Gangs(LD)CRJ 179 White Collar CrimesSocs-367 White Collar Crime (LD)CRJ 197 Crime Scene Investigation (4 crs.)Socs-420 (LD)CRJ 196 Crime Scene Investigation (1 2 cr.)Socs-electiveCRJ 197 Crime Scene Investigation II (2 cr.)Socs-electiveCRJ 229 PenologySocs-220 Corrections and PenologyCRJ 238 Corrections & Constitutional LawPols-340 Amer. Constitutional Law and Dev. 1 (LD)CRJ 248 Scientific InvestigationSocs-420 Forensic Science and Crime Scene InvestigationCRJ 238 Corrections & Constitutional LawPols-340 Amer. Constitutional Law and Dev. 1 (LD)CRJ 248 Scientific InvestigationSocs-420 Forensic Science and Crime Scene InvestigationCRJ 201 Homeland SecuritySocs-375 Introduction to Homeland Security (LD)CRJ 101,150,202,325,502,655,742,760,841,876,877Voca-100 Vocational/Technical ElectiveCSC 105 Computer EssentialsCpsc-101 Computer ProficiencyCSC 109 Experience Information TechnologyCpsc-42 Fundamentals of Information SystemsDEA 253,256,261,231,231,424,507,576,577,591,615,702Voca-100 Vocational/Technical ElectiveDHY 114,121,133,141,161,164,170,171,181,182,211,221,223Voca-100 Vocational/Technical ElectiveDRA 101 Introduction to TheatreThtr-afa	COM 703 Communication Skills	Voca-100 Vocational/Technical Elective
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298,301,302,303,330,331,332, 932         CRJ 137 Juvenile Law       Socs-340 Juvenile Justice and Gangs(LD)         CRJ 179 White Collar Crimes       Socs-367 White Collar Crime (LD)         CRJ 196 Crime Scene Investigation 1 (2 cr.)       Socs-420 (LD)         CRJ 196 Crime Scene Investigation II (2 cr.)       Socs-elective         CRJ 229 Penology       Socs-220 Corrections and Penology         CRJ 237 Criminal & Constitutional Law       Pols-340 Amer. Constitutional Law and Dev. 1 (LD)         CRJ 238 Corrections & Constitutional Law       Pols-340 Amer. Constitutional Law and Dev. 1 (LD)         CRJ 248 Scientific Investigation       Socs-420 (Dromsic Science and Crime Scene Investigation (LD)         CRJ 2310 Homeland Security       Socs-375 Introduction to Homeland Security (LD)         CRR 101,150,202,325,502,655,742,760,841,876,877       Voca-100 Vocational/Technical Elective         CSC 105 Computer Essentials       Cpsc-101 Computer Proficiency         CSC 105 Computer Essentials       Cpsc-101 Computer Proficiency         CSC 105 Computers       Bsad-145 Fundamentals of Information Systems         DEA 253,256,263,297,321,424,507,576,577,591,615,702       Voca-100 Vocational/Technical Elective         DHY 114,121,133,141,161,164,170,171,181,182,211,221,223       Voca-100 Vocational/Technical Elective         DHY 114,121,133,141,161,164,170,171,181,182,211,221,223       Voca-100 Vocational/Technical Elective <td></td> <td>CIJ-ele Elective</td>		CIJ-ele Elective
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CRR 101,150,202,325,502,655,742,760,841,876,877Voca-100 Vocational/Technical ElectiveCSC 105 Computer EssentialsCpsc-101 Computer ProficiencyCSC 109 Experience Information TechnologyCpsc-ele ElectiveCSC 110 Intro to ComputersBsad-145 Fundamentals of Information SystemsDEA 253,256,263,297,321,424,507,576,577,591,615,702Voca-100 Vocational/Technical ElectiveDHY 114,121,133,141,161,164, 170,171,181,182,211,221,223Voca-100 Vocational/Technical ElectiveDRA 101 Introduction to TheatreThtr-afa		Soc-420 Forensic Science and Crime Scene Investigation (LD)
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DHY 114,121,133,141,161,164, 170,171,181,182,211,221,223       Voca-100 Vocational/Technical Elective         232,234,251,261,281,282,291,292,301,302       Thtr-afa		Disaction in and another of an ormanon systems
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232,234,251,261,281,282,291,292,301,302         DRA 101 Introduction to Theatre         Thtr-afa	DHY 114.121.133.141.161.164.170.171.181.182.211.221.223	Voca-100 Vocational/Technical Elective
DRA 101 Introduction to Theatre Thtr-afa		
DRA 130 Acting 1 Thtr-104 Acting 1 (afa)	DRA 101 Introduction to Theatre	Thtr-afa
	DRA 130 Acting 1	Thtr-104 Acting 1 (afa)

DMACC	Grand View University
DRA 147 Creative Drama School/Rec	Thtr-ele Elective
DRA 945.946,948 Practicum I,II, III	Thtr-110 Theatre Activity
DSL 145,155, 330,356,366,407,409,438,546,555,606,733, 830,845, 855	Voca-100 Vocational/Technical Elective
DTM 350,351, 352, 353, 354, 355, 356, 361, 362, 363, 364, 365, 366	Voca-100 Vocational/Technical Elective
ECE 103 Intro to Early Childhood Ed	Educ-ele Elective
ECE 106 Child Dev. Associate Standards	Educ-ele Elective
ECE 130 Emergency Care	Educ-ele Elective
ECE 133 Child Health, Safety & Nutrition	Educ-ele Elective
ECE 158 Early Childhood Curriculum 1	Educ-ele Elective
ECE 159 Early Childhood Curriculum 2	Educ-ele Elective
ECE 158 +159 Must have both	Educ-330 Curriculum and Methods for Teaching Pre-K (LD)
ECE 170 Child Growth & Development	Educ-ele Elective
ECE 215 Home, School & Comm Relations	Educ-ele Elective
ECE 221 Infant/Toddler Care & Educ	Educ-ele Elective
ECE 243 Early Childhood Guidance	Educ-ele Elective
ECE 262 Early Childhood Field Exper	Educ-250 Education Practicum Pre-K
ECE 281 Practicum	Educ-ele Elective
ECE 290 Early Childhood Program Admin	Educ-ele Elective
ECE 343 Early Childhood Guidance Lab	Educ-ele Elective
ECE 359 ECE Curriculum 2 Lab	Educ-ele Elective
ECE 930 Administrative Practicum ECE 932 Early Childhood Internship	Educ-ele Elective Educ-ele Elective
ECE 932 Early Childhood Internship ECE 944 Ece Field Experience Seminar	Educ-ele Elective
ECE 944 Ece Meid Experience Seminar	
ECN 120 Principles of Macroeconomics	Econ-101 Principles of Macro Economics (shb)
ECN 130 Principles of Microeconomics	Econ-102 Principles of Micro Economics (shb)
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EDU 210 Foundations of Educucation	Educ elective by itself. Can take field exp. at GV for full Educ 111 credit
EDU 213 Introduction to Education	Educ-111 Intro to Education
EDU 218 Initial Field Experience	Educ-ele Elective
EDU 210 + 218 Intro to Education +Field Exp.	Educ-111 Intro to Education
EDU 245 Education of Exceptional Learners	Educ-242 Pedagogies of Exceptional Learners
EDU 252 Comm & Collab Partnerships	Educ-363 Working with Families, Teachers, and Community Agencies (LD)
EDU 253 Beh Management Elec	Educ- elecitve
EDU 292 Indv Projects	Educ-elective
EGR 100,150,151,152, 155,161,166,180	Voca-100 Vocational/Technical Elective
EGT 400,410,420,450	Voca-100 Vocational/Technical Elective
ELT 093, 106,108,123,125,126, 131,143,147,148, 172,173,178,181,217	Voca-100 Vocational/Technical Elective
ELT 303 Principles of Electricity	Scie-nwn Vocational/Technical Credit
ELT 307,308,325,326,347,348,349	Voca-100 Vocational/Technical Elective
ELT 368 DC & AC Fundamentals	Scie-nwn Vocational/Technical Credit
ELT 369 DC & AC Fund Lab & ELT 368 DC & AC Fund	Scie-nwl Vocational/Technical Credit
ELT 385,386,387, 388,389, 470, 471, 474,475, 478, 479, 482, 483, 484,485,	Voca-100 Vocational/Technical Elective
ELT 611, 612, 614, 643,644,652,721,725,781,782,791,792, 793, 816,817,870,932	Voca-100 Vocational/Technical Elective
EMS 105,460,463,467,468,470,473,476,480,483	Voca-100 Vocational/Technical Elective
EMS 105,405,407,408,470,475,470,485 EMS 217 Emergency Medical Tech Basic	Voca-100 Vocational/Technical Elective
ENG 060/061 College Preparatory Writing 1 & 2	No credit

DMACC	Grand View University
ENG 104 Resources for Composition	Engl-ele Elective
ENG 105 Composition 1	Engl-100 Elements of English
ENG 106 Composition 2	Engl-101 First Year Composition (must earn C or better to meet Core)
ENG 108 Comp II: Technical Writing	Engl-309 Writing for Business (LD)
ENG 221 Creative Writing	Engl-202 Introduction to Creative Writing (afa)
ENG 225 Creative Writing: Poetry	Engl-202 Introduction to Creative Writing (afa)
ENG 230 Create Writing: Fiction	Engl-202 Introduction to Creative Writing (afa)
ENG 235 Playwriting & Screen Writing	Engl-202 Introduction to Creative Writing (afa)
ENV 103 Sustainable Living	Biol-ele Elective
ENV 115 Environmental Science	Biol-209 Environmental Science (nwn)
ENV 116 Environmental Science Lab	Biol-ele Elective
ENV 115 + 116	Biol-nwl
ENV 145 Conservation Biology	Biol-nwl
ENV 160 Restoring Plant Communities	Bsad-ele /Elective
ESL 093,094,095,096,097	No Credit
ESL 103,104,160	Gnel-ele Elective
FIN 101 Principles of Banking	Bsad-ele Elective
FIN 121 Personal Finance	Bsad-252 Introduction to Personal Finance
FIN 180 Introduction to Investments	Bsad-420 Investments (LD)
FIN 214 Stocks, Bonds & Investments	Bsad-ele Elective
FIR 124,138,152,182,200,212,220,230,232,290,291	Voca-100 Vocational/Technical Elective
FLA 141,142,241,242 Elementary Arabic 1 & 2, Interm 1 & 2	Mlan-afa
FLC 141,142,241,242 Elem Chinese 1 & 2, Intermediate 1 & 2	Mlan-afa
FLF 151,152,241,242 Elementary French 1 & 2, Interme 1 & 2	Fren-101, 102, 201, 202 French 1, 2, 3, 4 (afa)
FLG 141,142,241,242 Elem German 1 & 2 Intermediate 1 & 2	Germ-101(afa) & Mlan-afa
FLI 141,142,241,242 Elem Italian 1 & 2, Interm Italian 1 & 2	Mlan-afa
FLJ 141,142,241,242 Elem Rahan F & 2, Intermediate Japanese	Mlan-afa
1 & 2	Wildil-did
FLS 151,152,241,242 Elem Spanish 1 & 2, Intermediate Spanish	Span-101,102,201,202 (afa)
1 & 2	Spuil 101,102,201, 202 (ulu)
FLS 181,281 Spanish for Heritage Spkrs I &II	Span-ele Elective
GEO 111 Intro to Geography	Geog-105 Human Geography
GEO 124 Reg Geog of the Non West World	Geog-205 (shb)
GEO 125 Developed World	Geog-shb
GLS 199 Japan: The Changing Tradition	Hist-shb
GLS 200 Country Study	Hist-shb
GLS 210 International Year Seminar	Hist-shb
GLS 220 The Mid East & Islam	Hist-334 (LD) (shb)
GLS 230 Latin America	Hist-332 (LD) (shb)
GLS 235 Intro to International Studies	Hist-shb

DMACC	Grand View University
All Art transfer credit is subject to portfolio review	All Art transfer credit is subject to portfolio review
GRD 301 Intro to Desktop Publishing	Voca-100 Vocational/Technical Elective
GRD 301 +415 or 430	Arts-367 Publication Design (LD)
GRD 403 Communication Designs 1	Arts-103 Principles of Design 1/Vocational Technical Elective
GRD 404 Typography 2	Voca-100 Vocational/Technical Elective
GRD 405 Typography 1	Voca-100 Vocational/Technical Elective
GRD 404 + 405	Arts-261 Graphic Design I /Vocational/Technical Credit
GRD 410 Illustration	Arts-ele Elective/Vocational/Technical Elective
GRD 411 Communication Design 2	Arts-ele Elective/Vocational/Technical Elective
GRD 411+426	Arts-265 Graphic Design II Vocational/Technical Credit
GRD 414 Illustration 2	Arts-ele Elective/Vocational/Technical Elective
GRD 415 Indesign 1	Arts-ele Elective/Vocational/Technical Elective
GRD 419 Lettering & Sign Art	Arts-ele Elective/ Vocational/Technical Elective
GRD 421 Internship Preparation	Arts-ele Elective//Vocational/Technical Elective
GRD 424 Graphic Design Internship	Arts-399 (LD)
GRD 426 Communication Design III	Arts-ele
GRD 430 InDesign II	Arts-ele
GRD 437 Communication Design IV	Arts-ele
GRD 448 Airbrush I	Arts-ele
GRD 450 Airbrush II	Arts-ele
GRD 452 Airbrush III	Arts-ele
GRD 453 Illustration for Animation	Arts-ele
GRD 459 Illustrator	Arts-ele
GRD 462 Computers Graphic 2	Voca-100 Vocational/Technical Elective
GRD 463 Photoshop	Phot-ele Vocational/Technical Elective
GRD 415,459, 463 ANY COMBO of TWO	Arts 104 Principles of Design II: Digital Media
GRD 415, 459, 463 ALL THREE	Arts 104 and Arts 366 (LD)
GRD 464 Digital Artistry	Voca-100 Vocational/Technical Elective
GRD 465 3D Modeling and Texturing	Arts-ele
GRD 470 Interactive Media1	Voca-100 Vocational/Technical Elective
GRD 471 Interactive Media 2	Voca-100 Vocational/Technical Elective
GRD 470, 471, WDV 101 (ANY COMBO of TWO)	Arts-245 Interactive Design I Vocational/Technical Credit
GRD 473 Motion Graphics and SPL Effect	Voca-100 Vocational/ Technical Elective
GRD 475 After Effects for Advanced Compositing	Arts-ele
GRD 477 Storyboarding & Scriptwriting	Arts-ele
GRD 479 Digital Audio Recording and Editing	Arts-ele
GRD 479 + GRD 480, 481 or 482	Comm-121 Digital Video and Audio
GRD 480 Video Production I	Voca-100 Vocational/Technical Elective
GRD 481 Video Production II	Voca-100 Vocational/Technical Elective
GRD 482 Video Production III	Voca-100 Vocational/Technical Elective
GRD 483 Intro to Autodesk 3dsMax	Arts-ele
GRD 485 Animation 1	Arts-ele
GRD 487 Animation 2	Arts-ele
GRD 485 + 487	Arts-375 Interactive Design III (LD)
GRD 489 Animation Capstone Group Project	Voca-100 Vocational Technical Elective
GRD 491 Animation Demo Reel Production	Voca-100 Vocational Technical Elective
GRD 900 Field Studies in Graphic Design	Voca-100 Vocational Technical Elective
GRT 403,404,409,410,415,420,424,426,427,430,453,455,932	Voca-100 Vocational/Technical Elective
GRT 400, 401	Art-ele
HCM 100,104,110,124,143,144,152,153,167, 168, 169,172, 173 175,200,210,231, 240,250,270,300,320,510, 550, 600,604,605	Voca-100 Vocational/Technical Elective
HCR 253,256,260,270,290,307,404,440,506,515,717,803,840,932	Voca-100 Vocational/Technical Elective
HIS 112 Western Civ Ancient to Early Mod	Hist 103 The Ancient World or Hist-104 The Medieval World (fm)
HIS 113 Western Civ Early Modern to Present	Hist-105 The West in the Modern World (shb)
HIS 150 US History to 1877	Hist-111 Colonial/Revolutionary America or Hist 112 The U.S. 1789-1898 (shb)
HIS 153 US History since 1877	Hist-113 The American Century 1898-2008 (shb)
HIS 201 Iowa History	Hist-340 Iowa History (LD) (shb)
HIS 211 Modern Asian History	Hist-shb
HIS 216 History of Modern Russia	Hist-324 History of Modern Russia (LD) (shb)
HIS 249 Study Abroad: Brit Life & Culture	

DMACC	Grand View University
HIS 257 African American History	Hist-shb
HIS 266 The Civil War	Hist-430 The Civil War & Reconstruction, 1763-1815 (LD)
HIS 280 Family History Research	Hist-ele Elective
HIT 120, 125, 162, 290, 315, 339, 360, 390,420, 430, 450, 520,521	Voca-100 Vocational/Technical Elective
HON 101 Introduction to Honors	Gnel-ele Elective
HON 150 Honors Service Learning	Gnel-ele Elective
HON 201 Honors Leadership	Gnel-ele Elective
HON 250 Honors Capstone	Gnel-ele Elective
HSC 102,105,109,159,172,182,183, 231,232,281	Voca-100 Vocational/Technical Elective
HSC 102,105,105,172,182,183, 251,252,281 HSC 120 +121 Medical Terminology	Biol-220 Medical Terminology
HSC 240 Human Nutrition	Biol-140 Nutrition for Everyday Living (Vocational/Technical Credit/nwn)
	Dior From From From July 21 mg (From Long and From Long an
HSV 109 Introduction to Human Services	Socs-210 Introduction to Human Services (sbh)
HSV 130 Interviewing/ Interpre Relation	Socs-ele Elective
HSV 133 Conflict Resolution	Socs-ele Elective
HSV 135 Women's Issues	Socs-ele Elective
HSV 185 Discrimination and Diversity	Socs-shb
HSV 220 Intro to Counseling Theories	Psyc-325 Counseling Theories (LD)
HSV 228 Group Counseling Techniques	Socs-ele Elective
HSV 230 Community Organizations	Socs-shb
HSV 255 Addictive Disease Concepts HSV 286 Intervention Theories /Prac 1	Psyc-277 Drug Abuse Causes and Consequences
HSV 286 Intervention Theories/Prac 1 HSV 288 Intervention Theories/Prac 2	Socs-shb Socs-shb
HSV 286 Intervention Theories/Prac 2 HSV 286 Intervention Theories/Prac 1+ HSV 288 Inter /Prac 2	Psyc-410 Case Management in the Human (LD)
HSV 802 Intervention Theories/Trac 1+ HSV 288 Inter/Trac 2 HSV 802 Internship	Psyc/Socs-399 Internship (LD)
HSV 802 Internship HSV 811 PRACT: Chem Depend Counsel 1	Psyc/Socs-399 Internship (LD)
HSV 812 PRACT: Chem Depend Counsel 2	Psyc/Socs-399 (LD)
HUM 116 Encounters in Humanities	Humn-afa
HUM 120 Introduction to Film	Humn-afa
HUM 121 America in the Movies	Humn-afa
HUM 249 Study Abroad: Brit Life & Culture	Humn-shb
IND 124,144,146,147	Voca-100 Vocational/Technical Elective
INF 110 Fundamental Informatics	Voca-100 Vocational/Technical Elective
INF 110 Fundamental informatics	Voca-100 Vocational/Technical Elective
INF 220 Human Computer Interaction	Cpsc 210 Human Computer Interaction
INF 230 Organization Informatics	Voca-100 Vocational/Technical Elective
INF310 Informatics Security	Voca-100 Vocational/Technical Elective
INF 320 Legal Informatics Issues	Voca-100 Vocational/Technical Elective
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INT 124,125	Voca-100 Vocational/Technical Elective
ITR 101,102,103,104,109,120,209,211,213,214,217,231,233,234,	Voca-100 Vocational/Technical Elective
237,251,253,254,257,271,273,274,277,291,293,294,297,811,831,	
851,871,891,910	
JOU 110 Intro to Mass Communication	Comm-110 Mass Communication
JOU 113 Gender, Sexuality and Media	Comm-shb
JOU 114 Diversity and the Media JOU 121 Basic Reporting Principles	Comm-shb Comm-151 Reporting
JOU 122 Intro to News Production	Comm-151 Reporting or Comm 159 Journalism Lab
JOU 122 Initio to News Froduction	Comm-159 Journalism lab
JOU 143 News Practicum II	Comm-ele Elective
JOU 163 News Media and Politics	Comm-ele Elective
JOU 165 Principles of Advertising	Bsad-320 Advertising (LD)
JOU 242 News Practicum III	Comm-ele Elective
JOU 243 News Practicum IV	Comm-ele Elective
JOUR 242 + 243 News Practicum III + IV	Dept. review on an individual basis for possible Comm 263 credit

DMACC	Grand View University
LIT 101 Intro to Literature	Engl-111 Introduction to Literature (afa)
LIT 105 Children's Literature	Engl-217 Literature for Children and Adolescents (afa)
LIT 110 Major American Writers 1	Engl-231 American Literature: Romantic Era(afa)
LIT 111 American Literature Since Mid 1800's	Engl-232 American Literature: Realism and Modernism (afa)
LIT 130 African American Literature	Engl-afa
LIT 142 Major British Writers	Engl-242 Selected British Writers 2 (afa)
LIT 150 World Literature I	Engl-318 Diverse Voices (LD) (afa)
LIT 151 World Literature II	Engl-318 Diverse Voices (LD)(afa)
LIT 166 Science Fiction	Engl-afa
LIT 180 Mythology	Engl-afa
LIT 185 Contemporary Literature LIT 188 Detective Fiction	Engl-320 Contemporary Literature (LD) (afa) Engl-afa
LIT 190 Women Writers	Engl-318 Diverse Voices (LD) (afa)
LIT 190 Women whiels	Engl-353 (LD) (afa)
LIT 209 Literature Film Adaptation	Engl-351 Film as Literature (LD)
LIT 210 The Graphic Novel	Engl-353 Literary Genre (LD)
MAP 110,118,129, 141,150,225,228,	Voca-100 Vocational/Technical Elective
250,252,347,348,423,532,544, 554, 603,606,624, 803	
All Transfer students are encouraged and may be required to	All Transfer students are encouraged and may be required to take Grand View's
take Grand View's Math Placement Exam to ensure	Math Placement Exam to ensure appropriate course placement
appropriate course placement	Must earn a C or better in courses to meet Math-qrf
MAT 034,053, 064,093	No Credit Accepted
MAT 063 Elementary Algebra	Math-094 Intro to Algebra
MAT 073 Elementary Algebra II	Math-095 Intro to Algebra
MAT 110 Math for Liberal Arts	Math-qrf
MAT 114 El Ed Math 1	Math-145 Math for the Elem Teacher I (qrf)
MAT 116 El Ed Math II	Math-155 Math for the Elem Teacher II
MAT 121 College Algebra	Math-121 College Algebra (qrf)
MAT 121 Conege Algebra MAT 129 Precalculus	Math-121 College Algebra (3 cr) and Math 122 Trig (2 crs.) (qrf)
MAT 129 Freealculus MAT 130 Trigonometry	Math-122 Trigonometry (qrf)
MAT 141 Finite Math	Math-116 Finite (qrf)
MAT 148 Linear Algebra with Applications	Math-331 Linear Algebra (LD) (qrf)
MAT 157 Elementary Statistics	Math-241 Principles of Statistics (LD) (qrf)
MAT 160 Statistical Business Applications	Math-qrf
MAT 162 Principles of Business Statistics	Bsad-239 (qrf)
MAT 166 Calculus for Business/Social Sci Core	Bsad-212 Quantitative Business Modeling (qrf)
MAT 211 Calculus 1	Math-231 Calculus with Analytic Geometry 1 (qrf)
MAT 217 Calculus 2	Math-232 Calculus with Analytic Geometry 2 (qrf)
MAT 219 Calculus 3	Math-327 Multivariable Calculus (LD) (qrf)
MAT 227 Differential Equations with Laplace	Math-ele
MAT 772 Applied Math	Voca-100 Vocational/Technical Elective
MAT 773 Applied Mathematics 2	Math 094 Intro to Algebra
MDT 110, 210	Voca-100 Vocational/Technical Elective
MDT 110 or 210 + WDV 101	Cpsc-316 Web and Mobile (LD)
MFG 105,121,132,140,152,171,172,200,250,251,252,253,260	Voce 100 Vocetional/Technical Elective
261,270,271,273,274,276,290,330,331,340,341,350,351,381, 402,403,411,412,413,452,502,510,512,521,522,523,524,818,932	Voca-100 Vocational/Technical Elective
T02,T03,T11,T12,T13,T32,302,310,312,321,322,323,324,010,732	
MGT 101 Principles of Management	Bsad-310 Principles of Management (LD)
MGT 115 Administrative Management	Bsad-ele Elective
MGT 128 Organizational Behavior	Bsad/Socs-410 Organizational Behavior (LD)
MGT 130 Principles of Supervision	Bsad-ele Elective
MGT 145 Human Relations in Business	Bsad-ele Elective
MGT 147 Leadership Development	Voca-100 Vocational/Technical Elective
MGT 164 Total Quality Management	Voca-100 Vocational/Technical Elective
MGT 170 Human Resource Management	Bsad-375 Human Resource Management (LD)
MGT 194 Relationship Strategies in Business	Voca-100 Vocational/Technical Elective
MGT 248 Management of Information	Bsad-425 Knowledge and Information Management (LD)
MGT 800,805, Business Intern 1, 2, 3	Bsad-399 Internship (LD)
66 Credits Maximum transfer for 2 year Colleges Allowed	

DMACC	Grand View University
MGT 802, 807 Bus Internship Seminar 1, 2,	Voca-100 Vocational/Technical Elective
MKT 110 Principles of Marketing	Bsad-315 Marketing (LD) (shb)
MKT 115 Business to Business Marketing MKT 121 Digital Marketing	Voca-100 Vocational/Technical Elective Voca-100 Vocational/Technical Elective
MKT 121 Digital Marketing MKT 140 Selling	Voca-100 Vocational/Technical Elective
MKT 140 Sening MKT 141 Advanced Selling Strategies	Voca-100 Vocational/Technical Elective
MKT 145 Sales Management	Voca-100 Vocational/Technical Elective
MKT 150 Principles of Advertising	Bsad-320 Advertising (LD)
MKT 160 Principles of Retailing	Bsad-370 Retail Management (LD)
MKT 182 Customer Relationship Mgmt	Voca-100 Vocational/Technical Elective Voca-100 Vocational/Technical Elective
MKT 184 Customer Service MKT 199 Sports/Entertainment Marketing	Bsad-416 Sports Marketing (LD)
MK1 199 Sports/Entertainment Marketing	bsad-410 Sports Marketing (LD)
MLT115,120,180,232,242,251,261,270,282,290	Voca-100 Vocational/Technical Elective
MLW 440,441,442,443,444,445,446,447,448,449	Voca-100 Vocational/Technical Elective
MOR 215, 300, 305, 310,315,320,325,330,335,336,340,341,345, 346,350, 360,365, 390, 941,	Voca-100 Vocational/Technical Elective
MTR 120, 121,122	Voca-100 Vocational/Technical Elective
MUA 101 Applied Voice	Musc-153 Voice
MUA 120 Piano	Musc-161 Piano
MUA 147 Instrumental Music	Musc-171-199
MUS 100 Music Appreciation	Musc-105 Music Appreciation (afa)
MUS 100 Music Appreciation MUS 102 Introduction to Music	Musc-le Elective
MUS 102 Inflotderion to Music	Musc-131 Music Theory 1 (afa)
MUS 107 Materials of Music 2	Muse 131 Muse Theory 2 (afa)
MUS 143 Concert Choir	Musc-121 Grand View Choir
MUS 202 World Music	Musc-107 Musics of the World (shb)
MUS 205 Jazz History and Appreciation	Musc-afa
MUS 275 Chamber Ensemble	Musc-ens (music ensemble)
NET 123,124,125,126,127,128,129,139,144,145,166,213,223,233 243,324,333,343,365,376,402,412,422,432,434435,436,443,444, 484,488, 512,521,532,541,612,623,628 653,664,680,681,711, 715,730,932	Voca-100 Vocational/Technical Elective
NET 147 Networking Technologies	Cpsc 323 Networking and Telecommunication (LD)
OPT 110,112,120, 123, 130, 132, 140, 803, 818	Voca-100 Vocational/Technical Elective
PEA 102,110,117,134,144,146,164,174,176,184,187,234,284	Kinh-act Physical Activity Elective
PEA 144 Physical Fitness & Conditioning	Kinh-150 Physical Fitness
PEC 110 Coaching Ethics, Tech & Theory	Kinh-ele Elective
PEC 122 Intro Anat & Phys For Coaching	Kinh-ele Elective
PEC 161 Sports Officiating	Kinh-331 Sports Officiating (LD)
PEC 190 Sports Psychology for Coaches PEC 191 Current Issues in Coaching	Kinh-ele Elective Kinh-ele Elective
PEC 191 Current Issues in Coaching PEC 215 Sport Mechanics for Coaches	Kinh-ele Elective
PEH 102 Health	Kinh-ele Elective
PEH 110 Personal Wellness	Kinh-ele Elective
PEH 120 Principles Personal Training 1	Kinh-ele Elective
PEH 141 First Aid PEH 162 Introduction to Physical Education	Kinh-ele Elective
PEH 162 Introduction to Physical Education PEH 178 Sports Diversity	Kinh-191 History and Principles of Physical Education Kinh-ele Elective
PEH 178 Sports Diversity PEH 190 Sports Nutrition	Kinh-ele Elective
PEH 255 Principles- Sports Management	Bsad-217 Introduction to Sport Management
PEH 262 Wellness Prog/Planning/Organization	Kinh-345 Worksite Health Promotion (LD)
PEH 265 Leadership Tech for Fitness Programs	Kinh-247 Ldrship Skills
66 Credits Maximum transfer for 2 year Colleges Allowed	· · ·

DMACC	Grand View University
PEH 920 Field Experience	Kinh-ele Elective
PET 110 Intro to Athletic Training	Kinh-381 Care and Prevention of Athletic Injuries (LD)
PEV 115,121,122,130,140,160,170,190	Kinh-act Physical Activity credits (4 cr. transfer max.)
PHB 113, 280	Voca-100 Vocational/Technical Elective
PHI 101 Introduction to Philosophy	Phil-205 Introduction to Philosophy: Questions that Matter (fm)
PHI 105 Intro to Ethics	Phil-210 Introduction to Ethics (fm)
PHI 110 Introduction Logic	Phil-ele Elective
DUD 100 101 102 102 104 125 140 001 0000/T	Vers 100 Verstige 1/Fersteige Flastige
PHR 100, 101,102, 123, 124,135,140,801,802V/T	Voca-100 Vocational/Technical Elective
PHS 152 Astronomy	Phsc-nwn
PHS 166 Meteorology, Weather & Climate	Phsc-nwn
PHY 106 Survey of Physics PHY 160 General Physics I	Phys-nwl Phys-131 Intro to Physics 1(nwl )
PHY 160 General Physics 1 PHY 161 General Physics 2	Phys-131 Intro to Physics 1 (nwl) Phys-132 Intro to Physics 2 (nwl)
PHY 213 Classical Physics I	Phys-241 General Physics 1 (nwl)
PHY 223 Classical Physics 2	Phys-242 General Physics 2 (nwl)
PHY 710 Technical Physics	Phys-nwn (voc. tech.)
PNN 151,152,153,351,605,606	Voca-100 Vocational Technical Elective
POL 111 American National Government	Pols-110 National Government (shb)
POL 112 Amer State & Local Government	Pols-120 State & Local Government (sbh)
POL 121 International Relations	Pols-370 International Politics (shb)
POL 125 Comparative Gov't & Politics	Pols-360 Comparative Government (LD) (shb)
POL 129 Politics of Terrorism	Pols-ele Elective
POL 163 News Media and Politics	Pols-ele Elective
POL 171 Intro to Public Administration	Pols-315 Introduction to Public Administration (LD)
PRL 103,112,113,114,118,125,131,132,137	Voca-100 Vocational Technical Elective
PRL 141 Business & Corporate Law 1	Bsad-340 Business Law 1 (LD)
PRL 142 Business & Corporate Law 2	Bsad-341 Business Law 2 (LD)
PRL 151,161,167,169,171,182	Voca-100 Vocational/Technical Elective
PRL 280 Internship	Pols-399 Internship (LD)
PSY 102 Human and Work Relations	Psvc-ele Elective
PSY 111 Introduction to Psychology	Psyc-101 General Psychology (shb)
PSY 121 Developmental Psychology	Psyc-212 Human Development(shb)
PSY 140 Exploring Mental Health	Psyc-ele Elective
PSY 172 Stress and Stress Management	Psyc-373 Stress and Anxiety Management (LD)
PSY 241 Abnormal Psychology	Psyc-320 Abnormal Psychology (LD)
PSY 251 Social Psychology	Psyc/Soc- 310 Social Psychology(LD) (shb)
PSY 261 Human Sexuality	Psyc-372 Human Sexuality (LD) (shb)
PSY 281 Educational Psychology	Educ-145 Educational Psychology ** Effective until end of Summer 2019**
PSY 281 Educ Psyc + PSY 121 Dev. Psyc Must have both effective Fa 2019	Educ 145 Education Psychology **Effective Fall 2019**
PSY 291 Prin of Behavior Modification	Psyc-ele
RCP 100, 240, 250, 360, 400,410,500,601, 700, 705, 710, 715, 720, 800	Voca-100 Vocational/Technical Elective
RDG 038,039	No Credit Accepted
RDG 163	Gnel-ele Elective
REL 101 Survey of World Religions REL 150 Introduction to the Bible	Theo-105 World Religions in Societies and Cultures (fmd- effective Fa 17)
	Theo-fmd
RRO 101	Voca-100 Vocational/Technical Elective

SDV 108, 115,130,157,164,165,171,172,197	Gnel-ele Elective
SDV 212, 222,223,224,225,226,227, 288	Voca-100 Vocational/Technical Elective
DMACC	Grand View University
SOC 110 Intro to Sociology	Socs-101 Introduction to Sociology (shb)
SOC 115 Social Problems	Socs-315 Social Problems (LD.)
SOC 120 Marriage & Family	Psyc/Soc-322 Marriage and Family (LD) (shb)
SOC 165 Group Dynamics	Socs-344 Group Dynamics (LD)
SOC 200 Minority Group Relations	Socs-215 Race and Ethnic Relations (shb)
SOC 225 Social Gerontology/Appl	Socs-321 Aging in Contemporary America (LD) (shb)
SOC 226 Issues in Aging	Socs-321 Aging in Contemporary America (LD) (shb)
SOC 230 Juvenile Delinquency	Socs-340 Juvenile Justice and Gangs (LD) (shb)
SOC 240 Criminology	Socs-318 Criminology (LD) (shb)
SOC 282 Environmental Sociology	Socs/Psyc-346 Sustainability (LD) (shb)
SPC 101 Fundamentals of Oral Communication	Spch- 103 Making Connections(shb)
SPC 120 Intercultural Communication	Spch-shb
SPC 122 Interpersonal Communication	Spch -103 Making Connections (shb)
SPC 126 Interpersonal & Small Group Comm	Spch-103 Making Connections (shb)
SPC 170 Professional Communication	Spch -shb
SRV 110,120,210,215,220,225,230,235,240,305	Voca-100 Vocational/Technical Elective
SUR 130,140,150, 200,202,420,805,810	Voca-100 Vocational/Technical Elective
SUK 150,140,150, 200,202,420,803,810	
TEL 111,112,116,118,210,213,220,222,223,230,232,233,240,243	Voca-100 Vocational/Technical Elective
VIN 101,102,103,104,121,122,123,124,125,126,149,150,151,	Voca-100 Vocational/Technical Elective
152,153,175,185,189,190,201,202,203,204,248,249,250,275,290,	
295,920,932	
WAT 210,300,304,305,306,307,308,311,312,932	Voca-100 Vocational/Technical Elective
WDV 101 Intro HTML and CSS	Voca-100 Vocational/Technical Elective
WDV 101 + MDT 110 or 210	Cpsc-316 (LD)
WDV 131 Intro Photoshop and Fireworks	Arts-ele Elective
WDV 150 E Commerce	Voca-100 Vocational Technical Elective
WDV 151 Intro Web Design	Arts-ele Elective
WDV 205 Advanced CSS	Arts-ele Elective
WDV 221 Intro Javascript	Arts-ele Elective
WDV 205 +221	Arts-335 (LD)
WDV 240 Intro WordPress	Arts-ele Elective
WDV 245 Content Management Systems I WDV 261 Intro Flash	Voca-100 Vocational Technical Elective Arts-ele Elective
WDV 201 Intro Flash WDV 321 Advanced Javascript	Voca-100 Vocational Technical Elective
WDV 321 Advanced Javascript WDV 331 Dreamweaver Applications	Voca-100 Vocational Technical Elective
WDV 331 Dicantweaver Applications	Voca-100 Vocational Technical Elective
WDV 351 Website Applications Components	Voca-100 Vocational Technical Elective
WDV 441 Advanced PHP	Voca-100 Vocational Technical Elective
WDV 445 Content Management Systems II	Voca-100 Vocational Technical Elective
WDV 446 Intro Drupal	Voca-100 Vocational Technical Elective
WDV 490 Website Applications Seminar	Voca-100 Vocational Technical Elective
WDV 495 Emerging Technologies Seminar	Voca-100 Vocational Technical Elective
WDV 521 Intro Ajax	Voca-100 Vocational Technical Elective
WDV 541 Php Seminar	Voca-100 Vocational Technical Elective
WDV 932 Web Development Internship	Voca-100 Vocational Technical Elective
WEL 111,120,150,165,166,167,168,169,176,177,181,190, 236,237,238,239,241,242,246,247,248,249,255,276,277,282,283, 284,285,303	Voca-100 Vocational/Technical Elective
WTT 103,114,133,216,223,225,245	Voca-100 Vocational/Technical Elective
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<sup>66</sup> Credits Maximum transfer for 2 year Colleges Allowed 30 Credits Maximum transfer for Vocational/Tech Credit Allowed 4 Credits Maximum transfer for PE Physical Activity Credit Allowed

\*Any DMACC course that transfer in for a 300 or 400 level Grand View Course receives lower division credit (100 or 200) (LD). It will not count toward the 30 Upper Division credit graduation requirement. \* These articulations are only a guide and are subject to change without notice.