

**BASED ON THE 2014-2015 SINCLAIR COMMUNITY COLLEGE CATALOG AND THE
2015-2016 TIFFIN UNIVERSITY ACADEMIC BULLETIN
Sinclair Community College Course Equivalence**

SINCLAIR COMMUNITY COLLEGE	Sem. Hrs.	TIFFIN UNIVERSITY	Sem. Hrs.
<i>ACCOUNTING (ACC)</i>			
ACC1100 Small Business Accounting	3	ACC100 Accounting Elective	3
ACC1210 Introduction to Financial Accounting	3	ACC201 Survey of Accounting	3
ACC1220 Introduction to Managerial Accounting	3	ACC228 Managerial Accounting	3
ACC1510 Computerized Accounting Systems	3	ACC100 Accounting Elective	3
ACC2101 Intermediate Accounting I	3	ACC301 Intermediate Accounting I	3
ACC2102 Intermediate Accounting II	3	ACC302 Intermediate Accounting II	3
ACC2211 Cost Accounting	3	ACC313 Cost Accounting I	3
ACC2212 Managerial Accounting & Finance	3	ACC228 Managerial Accounting	3
ACC2297 Special Topics	.5-9	ACC200 Accounting Elective	N/A
ACC2321 Federal Taxation	3	ACC304 Federal Income Tax	3
ACC2322 Advanced Taxation	3	ACC200 Accounting Elective	3
ACC2435 Auditing	3	ACC200 Accounting Elective	3
ACC2510 Advanced Accounting	3	ACC200 Accounting Elective	3
<i>AFRICAN-AMERICAN STUDIES (AFR)</i>			
AFR1100 African-American Studies	3	OE 100 Open Elective	3
AFR1121 Basic Swahili	3	OE 100 Open Elective	3
AFR1122 Intermediate Swahili	3	OE 100 Open Elective	3
AFR2297 Special Topics	.5-9	OE 200 Open Elective	.5-9
<i>ALLIED HEALTH (ALH)</i>			
ALH1101 Introduction to Healthcare Delivery	2	OE 100 Open Elective	2
ALH1102 Intro to Basic Healthcare Practice	1	OE 100 Open Elective	1
ALH1103 Test Taking Strategies	1	OE 100 Open Elective	1
ALH1110 Principles of Electrocardiography	3	OE 100 Open Elective	3
ALH1113 Clinical Phlebotomy	2	OE 100 Open Elective	2
ALH1114 Clinical Phlebotomy Practice	2	OE 100 Open Elective	2
ALH1115 Specimen Processing	2	OE 100 Open Elective	2
ALH1120 Nurse Aide Training	4	OE 100 Open Elective	4
ALH1122 Pharmacy Technician I	5	OE 100 Open Elective	5
ALH1123 Pharmacy Technician II	5	OE 100 Open Elective	5
ALH1124 Pharmacy Technician Directed Practice	1	OE 100 Open Elective	1
ALH1130 Basic Life Support Training	1	OE 100 Open Elective	1
ALH1131 Emergency Cardiac Care	1	OE 100 Open Elective	1
ALH1132 Amer Heart Asso Heartsaver First Aid	1	OE 100 Open Elective	1
ALH1140 Fundamentals of Disease Processes	3	OE 100 Open Elective	3
ALH1150 Healthcare Navigator Clinical	2	OE 100 Open Elective	2
ALH2201 Survey of Drug Therapy	2	OE 200 Open Elective	2

ALH2202 General Pharmacology	3	OE 200 Open Elective	3
ALH2220 Pathophysiology	3	OE 200 Open Elective	3
ALH2297 Special Topics	.5-9	OE 200 Open Elective	.5-9

ART (ART)

ART1101 2-D Foundations	3	ART120 Two-Dimensional Foundations	3
ART1102 3-D Foundations	3	ART130 3-Dimensional Foundations	3
ART1107 Beginning Photoshop	3	ART100 Art Elective	3
ART1110 Art Appreciation- Introduction to Art & Art Mec	3	ART210 Art Appreciation	3
ART1111 Drawing I	3	ART100 Art Elective	3
ART1112 Drawing II	3	ART100 Art Elective	3
ART1121 Beginning Painting I	3	ART100 Art Elective	3
ART1122 Beginning Painting II	3	ART100 Art Elective	3
ART1131 Introduction to Sculpture	3	ART100 Art Elective	3
ART1132 Intermediate Sculpture	3	ART100 Art Elective	3
ART1133 Figurative Sculpture	3	ART100 Art Elective	3
ART1141 Introduction to Ceramics	3	ART100 Art Elective	3
ART1142 Intermediate Ceramics	3	ART100 Art Elective	3
ART1161 Black & White Darkroom Photography I	3	ART100 Art Elective	3
ART1162 Black & White Darkroom Photography II	3	ART100 Art Elective	3
ART1170 Non-Silver Photography	3	ART100 Art Elective	3
ART1171 Studio Photography	3	ART100 Art Elective	3
ART1175 Computer Photography	3	ART100 Art Elective	3
ART2111 Intermediate Drawing I	3	ART100 Art Elective	3
ART2112 Intermediate Drawing II	3	ART100 Art Elective	3
ART2141 Advanced Ceramics	3	ART100 Art Elective	3
ART2216 Life Drawing & Anatomy I	3	ART100 Art Elective	3
ART2217 Life Drawing & Anatomy II	3	ART100 Art Elective	3
ART2221 Inter Painting- Observation & Concept	3	ART100 Art Elective	3
ART2222 Intermediate Painting- The Figure	3	ART200 Art Elective	3
ART2230 Art Hist: Anci through Medieval Periods	3	ART200 Art Elective	3
ART2231 Art Hist: Renaissance through Cont Periods	3	ART200 Art Elective	3
ART2235 History of Photography	3	ART200 Art Elective	3
ART2236 History of Women Artists	3	ART200 Art Elective	3
ART2237 History of American Art	3	ART201 Intro to Art History	3
ART2238 History of African Art	3	ART200 Art Elective	3
ART2265 Digital Color Photography I	3	ART200 Art Elective	3
ART2266 Digital Color Photography II	3	ART200 Art Elective	3
ART2269 Introduction to Printmaking	3	ART200 Art Elective	3
ART2270 Fine Art Internship	1	OE 200 Open Elective	1
ART2294 Photography Portfolio Development	1	OE 200 Open Elective	1
ART2295 Graduation Portfolio Develop & Exhibition	1	OE 200 Open Elective	1
ART2297 Special Topics	.5-9	ART200 Art Elective	N/A

AMERICAN SIGN LANGUAGE (ASL)

ASL1101 Orientation to Deafness	2	OE 100 Open Elective	2
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ASL1102 Interpreting Theory & Best Practices	3	OE 100 Open Elective	3
ASL1111 Beginning American Sign Language I	3	ASL101 Sign Language I	3
ASL1112 Beginning American Sign Language II	3	ASL102 Sign Language II	3
ASL1116 Community Resources for the Deaf	2	OE 100 Open Elective	2
ASL1228 Intermediate American Sign Language I	3	OE 100 Open Elective	3
ASL1229 Intermediate American Sign Language II	3	OE 100 Open Elective	3
ASL2201 Interpreting I	3	OE 200 Open Elective	3
ASL2202 Interpreting II	3	OE 200 Open Elective	2
ASL2207 Role of the Interpreter	2	OE 200 Open Elective	3
ASL2212 Specialized Interpreting	3	OE 200 Open Elective	3
ASL2231 Advanced American Sign Language I	3	OE 200 Open Elective	3
ASL2232 Advanced American Sign Language II	3	OE 200 Open Elective	3
ASL2236 Transliterating & Signing Modalities	3	OE 200 Open Elective	3
ASL2261 Practicum I	3	OE 200 Open Elective	3
ASL2262 Practicum II	3	OE 200 Open Elective	3
ASL2297 Special Topics	.5-9	OE 200 Open Elective	N/A
ASL2300 Educational Interpreting	3	OE 200 Open Elective	3

ASTRONOMY (AST)

AST1111 The Solar System	3	NAT100 Natural Science Elective	3
AST1112 Stars, Galaxies & the Universe	3	NAT100 Natural Science Elective	3
AST1117 Lab for the Solar System	1	OE 100 Open Elective	1
AST1118 Lab for Stars, Galaxies & the Universe	1	OE 100 Open Elective	1
AST2297 Special Topics	.5-9	NAT200 Natural Science Elective	N/A

AUTOMOTIVE TECHNOLOGY (AUT)

AUT1100 Basic Automotive Systems	2	OE 100 Open Elective	2
AUT1102 Introduction to Automotive Service	.5-2	OE 100 Open Elective	N/A
AUT1108 Automotive Engine Systems	4	OE 100 Open Elective	4
AUT1111 Automotive Management	2	OE 100 Open Elective	2
AUT1114 Automotive Electrical/Electronic Systems I	3	OE 100 Open Elective	3
AUT1115 Automotive Engine Performance I	4	OE 100 Open Elective	4
AUT1116 Automot Steering & Suspension Systems	3	OE 100 Open Elective	3
AUT1142 Auto Manual Transmission & Driveline	3	OE 100 Open Elective	3
AUT1146 Auto Heating Ventilation & Air Cond Sys	3	OE 100 Open Elective	3
AUT1165 Automotive Brake Systems	3	OE 100 Open Elective	3
AUT1170 Automotive Internship I	2	OE 100 Open Elective	2
AUT1171 Automotive Internship II	2	OE 100 Open Elective	2
AUT1172 Automotive Internship III	2	OE 100 Open Elective	2
AUT1173 Automotive Internship IV	2	OE 100 Open Elective	2
AUT2214 Automotive Electrical/Electronic Systems II	4	OE 200 Open Elective	4
AUT2215 Automotive Engine Performance II	4	OE 200 Open Elective	4
AUT2221 High Performance Engine Blocks & Heads	6	OE 200 Open Elective	6
AUT2222 High Perf Engine Assembly & Dyno Testing	6	OE 200 Open Elective	6
AUT2224 High Performance Fuel Induction Systems	5	OE 200 Open Elective	5
AUT2226 High Performance Fabrication	4	OE 200 Open Elective	4
AUT2230 Hybrid Electric Vehicle Systems	2	OE 200 Open Elective	2

AUT2241 Automatic Transmission Systems	4	OE 200 Open Elective	4
AUT2250 Automotive Service Operations	7	OE 200 Open Elective	7
AUT2297 Special Topics	.5-9	OE 200 Open Elective	N/A
AUT2304 GM Noise Vibration & Harshness	0.5	OE 200 Open Elective	0.5
AUT2306 GM Rear Axle & Propeller Shaft Service	1	OE 200 Open Elective	1
AUT2309 GM Braking Systems	0.5	OE 200 Open Elective	0.5
AUT2325 GM Auto Transaxle Theory, Oper & Diag	1	OE 200 Open Elective	1
AUT2333 GM Electrical Elect Terminals&Connectors	0.5	OE 200 Open Elective	0.5
AUT2336 GM Entertainment Systems	1	OE 200 Open Elective	1
AUT2337 GM Supplemental Restraint Systems	0.5	OE 200 Open Elective	0.5
AUT2338 GM Waterleak & Windnoise Management	0.5	OE 200 Open Elective	0.5
AUT2345 GM HVAC Systems & Operation	0.5	OE 200 Open Elective	0.5
AUT2348 GM Powertrain Performance	1	OE 200 Open Elective	1
AUT2359 GM Chassis Control Systems	0.5	OE 200 Open Elective	0.5
AUT2360 GM Engine Mechan Diag & Measurement	1	OE 200 Open Elective	1
AUT2371 GM Manual Gearbox Service	1	OE 200 Open Elective	1
AUT2372 GM Moveable Roof Systems	1	OE 200 Open Elective	1
AUT2373 GM Global Diag System/Mult Diag Interface	0.5	OE 200 Open Elective	0.5
AUT2374 GM Six-Speed Auto Transmission/Transaxle	1	OE 200 Open Elective	1
AUT2375 GM Global Electrical Systems	1	OE 200 Open Elective	1
AUT2376 Strategies for Efficient Diagnosis	0.5	OE 200 Open Elective	0.5

AVIATION TECHNOLOGY (AVT)

AVT1101 Introduction to Unmanned Aerial Systems	2	OE 100 Open Elective	2
AVT1102 Orientation to Inflight Services	2	OE 100 Open Elective	2
AVT1104 UAS Standards, Regulations & Law	1	OE 100 Open Elective	1
AVT1105 Orientation to Aviation	2	OE 100 Open Elective	2
AVT1106 Airframe Safety Systems	2	OE 100 Open Elective	2
AVT1107 Fuel Systems	3	OE 100 Open Elective	3
AVT1110 Private Pilot Ground School	3	OE 100 Open Elective	3
AVT1113 Drawings for Aviation	3	OE 100 Open Elective	3
AVT1116 Regulations for Maintenance	3	OE 100 Open Elective	3
AVT1118 Weight & Balance	3	OE 100 Open Elective	3
AVT1119 Aviation Meteorology	2	OE 100 Open Elective	2
AVT1124 Private Pilot Flight Lab	1	OE 100 Open Elective	1
AVT1128 Powerplant Safety Systems	3	OE 100 Open Elective	3
AVT1131 Basic Aviation Electricity	3	OE 100 Open Elective	3
AVT1133 Instruments/ Communications	3	OE 100 Open Elective	3
AVT1135 Materials & Processes	4	OE 100 Open Elective	4
AVT1136 Sheet Metal	4	OE 100 Open Elective	4
AVT1140 Introduction to Business Aviation	2	OE 100 Open Elective	2
AVT1141 Principles of Aviation Leadership	2	OE 100 Open Elective	2
AVT1148 Aircrew Emergency Management	4	OE 100 Open Elective	4
AVT1151 Crew Survival & Rescue Techniques	3	OE 100 Open Elective	3
AVT1170 Instrument Pilot Ground School	3	OE 100 Open Elective	3
AVT1213 Corrosion	3	OE 100 Open Elective	3
AVT1214 Cabin Atmospheric Control	2	OE 100 Open Elective	2

AVT1218 Utility Systems	6	OE 100 Open Elective	6
AVT1224 Instrument Pilot Flight Lab	1	OE 100 Open Elective	1
AVT1241 Blind Flying Hazards	1	OE 100 Open Elective	1
AVT1245 Aviation Law	2	OE 100 Open Elective	2
AVT12446 Air Traffic Control Communications	1	OE 100 Open Elective	1
AVT1254 Flight Simulator Instruction	1	OE 100 Open Elective	1
AVT2121 Assembly & Rigging	3		3
AVT2122 Ignition & Starting	4	OE 200 Open Elective	4
AVT2125 Developments in Aviation	2	OE 200 Open Elective	2
AVT2126 Reciprocating Engines	7	OE 200 Open Elective	7
AVT2129 Propellers	4	OE 200 Open Elective	4
AVT2132 Airframe Electrical Systems	4	OE 200 Open Elective	4
AVT2138 Engine Fuel & Fuel Metering	3	OE 200 Open Elective	3
AVT2139 Induction/Exhaust/Cooling	2	OE 200 Open Elective	2
AVT2143 Review & Recommendation	2	OE 200 Open Elective	2
AVT2146 Introduction to Airline Operations	3	OE 200 Open Elective	3
AVT2150 Crew Resource Management for UAS	1	OE 200 Open Elective	1
AVT2157 Aircraft Performance I	2	OE 200 Open Elective	2
AVT2158 Aircraft Performance II	2	OE 200 Open Elective	2
AVT2159 Canadair Reg Jet (CRJ) Aircraft Systems	1	OE 200 Open Elective	1
AVT2166 Practical Dispatch Applications	3	OE 200 Open Elective	3
AVT2167 Inst Flight Rules (IFR) Navigation&Planning	2	OE 200 Open Elective	2
AVT2168 Dispatcher Oral Preparation	1	OE 200 Open Elective	1
AVT2211 Advanced Navigation Science	2	OE 200 Open Elective	2
AVT2219 Turbine Engines	4	OE 200 Open Elective	4
AVT2239 Non-Metallic Structures	4	OE 200 Open Elective	4
AVT2237 Aircraft Inspections	3	OE 200 Open Elective	3
AVT2240 Human Factors in Aviation	3	OE 200 Open Elective	3
AVT2242 Aircraft Accident Investigation	3	OE 200 Open Elective	3
AVT2247 Aerodynamics & Flight Mechanics	3	OE 200 Open Elective	3
AVT2250 Commercial Pilot Ground	2	OE 200 Open Elective	2
AVT2250 Flight Instructor Ground	4	OE 200 Open Elective	4
AVT2263 Commercial Pilot Flight Lab	3	OE 200 Open Elective	3
AVT2264 Commercial Pilot Single Engine Addit Rating	3	OE 200 Open Elective	3
AVT2266 Multi Engine Flight Lab	1	OE 200 Open Elective	1
AVT2269 Flight Instructor Flight Lab	1	OE 200 Open Elective	1
AVT2275 Instrument Flight Instructor Ground	1	OE 200 Open Elective	1
AVT2277 Instrument Flight Instructor Flight Lab	1	OE 200 Open Elective	1
AVT2279 Unmanned Aerial Systems Project	3	OE 200 Open Elective	3
AVT2286 Multi Engine Flight Instructor Flight Lab	1	OE 200 Open Elective	1
AVT2297 Special Topics	.5-9	OE 200 Open Elective	N/A
AVT2321 Airline Transport Pilot	3	OE 200 Open Elective	3
AVT2325 Airline Transport Pilot Flight Lab	1	OE 200 Open Elective	1
AVT2700 Aviation Internship	2	OE 200 Open Elective	2

BIOLOGY (BIO)

BIO1101 Body Structure & Function	3	BIO100 Biology Elective	3
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BIO1104 HIV/AIDS	2	BIO100 Biology Elective	2
BIO1107 Human Biology	3	BIO100 Biology Elective	3
BIO1108 Lab for Human Biology	0	No Credit	*
BIO1111 General Biology I	4	BIO101 Contemp Biological Problems +BIO101L	3+1
BIO1117 Lab for General Biology I	0	No Credit	*
BIO1121 Human Anatomy & Physiology I	3	NAT150 Intro to Anat & Physiology+NAT150L	3+1
BIO1141 Principles of Anatomy & Physiology I	4	NAT150 Intro to Anat & Physiology+NAT150L	3+1
BIO1147 Lab for Princ of Anatomy & Physiology I	0	No Credit	*
BIO1171 Principles of Biology I	5	BIO100 Biology Elective	5
BIO1211 General Biology II	4	BIO100 Biology Elective	4
BIO1217 Lab for General Biology II	0	No Credit	*
BIO1222 Human Anatomy & Physiology II	3	BIO100 Biology Elective	3
BIO1242 Principles of Anatomy & Physiology II	4	BIO100 Biology Elective	4
BIO1248 Lab for Princ of Anatomy & Physiology II	0	No Credit	*
BIO1272 Principles of Biology II	5	BIO100 Biology Elective	5
BIO2205 Microbiology	4	BIO200 Biology Elective	4
BIO2206 Lab for Microbiology	0	No Credit	*
BIO2211 Human Physiology	4	BIO200 Biology Elective	4
BIO2212 Lab for Human Physiology	0	No Credit	*
BIO2222 Evolution	3	BIO200 Biology Elective	3
BIO2225 Ecology	4	BIO200 Biology Elective	4
BIO2235 Genetics	4	BIO200 Biology Elective	4
BIO2236 Lab for Genetics	0	No Credit	*
BIO2297 Special Topics	.5-9	BIO200 Biology Elective	N/A

BUSINESS INFORMATION SYSTEMS (BIS)

BIS1100 Introduction to Computers & Keyboarding	2	CIS100 Computer Information Systems Elective	2
BIS1120 Introduction to Software Applications	3	CIS111 Information Systems & Applications	3
BIS1200 Keyboarding & Document Formatting I	2	CIS100 Computer Information Systems Elective	2
BIS1220 Word Processing Software	3	CIS100 Computer Information Systems Elective	3
BIS1221 Spec Computer Appl for Health Info Mgt	3	CIS100 Computer Information Systems Elective	3
BIS1230 Spreadsheet Software	3	CIS100 Computer Information Systems Elective	3
BIS1240 Presentation Software	2	CIS100 Computer Information Systems Elective	3
BIS1250 Specialized Business Software Application	1	OE 100 Open Elective	1
BIS1260 Database Software	3	CIS100 Computer Information Systems Elective	3
BIS1300 Keyboarding & Document Formatting II	2	CIS100 Computer Information Systems Elective	2
BIS1400 Customer Service	3	MGT100 Management Elective	3
BIS1410 Business Software Applications	3	CIS100 Computer Information Systems Elective	3
BIS2140 Records Management	2	CIS100 Computer Information Systems Elective	2
BIS2170 Office Simulation	3	CIS100 Computer Information Systems Elective	3
BIS2180 Medical Office Simulation	3	CIS200 Computer Information Systems Elective	3
BIS2270 Business Information Systems Internship	2	CIS200 Computer Information Systems Elective	2
BIS2297 Special Topics	.5-9	CIS200 Computer Information Systems Elective	N/A

BIOTECHNOLOGY (BTN)

BTN1110 Biotechnology & Bioethics	3	OE 100 Open Elective	3
BTN1120 Lab Safety & Regulatory Compliance	2	OE 100 Open Elective	2

BTN1130 Biological Reagents Preparation	3	OE 100 Open Elective	3
BTN1131 Lab for Biological Reagents Preparation	0	No Credit	*
BTN1140 Cell Culture	2	OE 100 Open Elective	2
BTN1141 Lab for Cell Culture	0	No Credit	*
BTN1201 Biotechnology Careers	2	OE 100 Open Elective	2
BTN2210 Protein Purification & Analysis	4	OE 200 Open Elective	4
BTN2211 Lab for Protein Purification & Analysis	0	No Credit	*
BTN2220 Microbiology & Fermentation Methods	3	OE 200 Open Elective	3
BTN2221 Lab for Microbio & Fermentation Methods	0	No Credit	*
BTN2230 Molecular Biology Techniques	4	OE 200 Open Elective	4
BTN2231 Lab for Molecular Biology Techniques	0	No Credit	*
BTN2297 Special Topics	.5-9	OE 200 Open Elective	N/A

COMPUTER AIDED MANUFACTURING (CAM)

CAM1107 Principles of Manufacturing	3	OE 100 Open Elective	3
CAM1109 Fundamentals of Tooling & Machining	3	OE 100 Open Elective	3
CAM1110 Advanced Machine Operations	3	OE 100 Open Elective	3
CAM1116 Fund of Comput Numerical Control Oper	3	OE 100 Open Elective	3
CAM1141 Shop Floor Calculations I	3	OE 100 Open Elective	3
CAM1142 shop Floor Calculations II	3	OE 100 Open Elective	3
CAM1161 Machine Operations Laboratory I	8	OE 100 Open Elective	8
CAM1162 Machine Operations Laboratory II	8	OE 100 Open Elective	8
CAM1214 Comput Numer Control Mill Programming	3	OE 100 Open Elective	3
CAM2114 Jig & Fixture Design	3	OE 200 Open Elective	3
CAM214 Shop Floor Programming	3	OE 200 Open Elective	3
CAM2204 Comput Numerical Control Lathe Program	3	OE 200 Open Elective	3
CAM2212 Computer Assisted Programming	3	OE 200 Open Elective	3
CAM2214 Adv Comput Numerical Control (CNC) App	3	OE 200 Open Elective	2
CAM2225 Tool Design	3	OE 200 Open Elective	3
CAM2297 Special Topics	.5-9	OE 200 Open Elective	N/A
CAM2700 Comput Aided Manufacturing Internship	1-4	OE 200 Open Elective	N/A
CAM2780 Computer Aided Manufacturing Capstone	3	OE 200 Open Elective	3
CAM2781 Precision Machining Capstone	3	OE 200 Open Elective	3

CIVIL ARCHITECTURAL TECHNOLOGY (CAT)

CAT1101 Architectural Drafting	3	OE 100 Open Elective	3
CAT1111 Mechanical Systems Blueprint Reading	1	OE 100 Open Elective	1
CAT1121 Introduction to Revit	3	OE 100 Open Elective	3
CAT1131 Introduction to Revit MEP	3	OE 100 Open Elective	3
CAT1141 Architectural Blueprint Reading	2	OE 100 Open Elective	2
CAT1161 Introduction to Civil & Architectural Techn	2	OE 100 Open Elective	2
CAT1201 Construction Methods & Materials	5	OE 100 Open Elective	5
CAT1211 Construction Materials Testing	2	OE 100 Open Elective	2
CAT1241 Building Structural Systems	3	OE 100 Open Elective	3
CAT1301 Introduction to Civil Construction CAD	3	OE 100 Open Elective	3
CAT1401 Construction Estimating	3	OE 100 Open Elective	3
CAT1501 Construction Surveying	3	OE 100 Open Elective	3

CAT1701 Construction Craft Skills/Concrete	6	OE 100 Open Elective	6
CAT1721 Structural Framing Systems	6	OE 100 Open Elective	6
CAT1741 Residential Electrical Systems	3	OE 100 Open Elective	3
CAT1761 Interior & Exterior Finishes	3	OE 100 Open Elective	3
CAT1781 Construction Project	4	OE 100 Open Elective	4
CAT1810 Construction Techniques I (NCCER Core)	3	OE 100 Open Elective	3
CAT1820 Construction Techniques II (NCCER Level 1)	3	OE 100 Open Elective	3
CAT1830 Construction Techniques III (NCCER Level 2)	3	OE 100 Open Elective	3
CAT1840 Construction Techniques IV (NCCER Level 3)	3	OE 100 Open Elective	3
CAT2101 CAD Design in Revit	5	OE 200 Open Elective	5
CAT2111 Building Mechanical & Electrical Systems	3	OE 200 Open Elective	3
CAT2201 Revit Integration	1	OE 200 Open Elective	1
CAT2297 Special Topics	.5-9	OE 200 Open Elective	N/A
CAT2401 Engineering Technology Project Mgt	3	OE 200 Open Elective	3
CAT2411 Building Codes & Construction Law	3	OE 200 Open Elective	3
CAT2421 Soil Mechanics	3	OE 200 Open Elective	3
CAT2431 OSHA Construction Standards	2	OE 200 Open Elective	2
CAT2501 Intro to Geog Info Sys & Global Positi Sys	2	OE 200 Open Elective	2
CAT2531 Advanced Surveying & Drafting	4	OE 200 Open Elective	4
CAT2561 Advanced Construction Surveying	2	OE 200 Open Elective	2
CAT2581 Legal Principles for Surveyors	3	OE 200 Open Elective	3
CAT2700 Civil Architectural Technology Internship	1-4	OE 200 Open Elective	N/A
CAT2741 Current Topics in Architecture	2	OE 200 Open Elective	2
CAT2780 Architectural Technology Capstone	4	OE 200 Open Elective	4
CAT2781 Civil Engineering Technology Capstone	4	OE 200 Open Elective	4
CAT2782 Construction Management Techn Capstone	4	OE 200 Open Elective	4

CHEMISTRY (CHE)

CHE1111 Introduction to Chemistry I	4	CHM100 Chemistry Elective	4
CHE1121 Introduction to Chemistry II	4	CHM100 Chemistry Elective	4
CHE1151 Lab for Introduction to Chemistry I	0	No Credit	*
CHE1161 Lab for Introduction to Chemistry II	0	No Credit	*
CHE1211 General Chemistry I	5	CHM100 Chemistry Elective	5
CHE1221 General Chemistry II	5	CHM100 Chemistry Elective	5
CHE1251 Lab for General Chemistry I	0	No Credit	*
CHE1261 Lab for General Chemistry II	0	No Credit	*
CHE1311 College Chemistry I	4	CHM131 General Chemistry I+CHM131L	3+1
CHE1321 College Chemistry II	4	CHM132 General Chemistry II+CHM132L	3+1
CHE1351 Lab for College Chemistry I	0	No Credit	*
CHE1361 Lab for College Chemistry II	0	No Credit	*
CHE2111 Organic Chemistry I	5	CHM331 Organic Chemistry I+CHM331L	3+1
CHE2121 Organic Chemistry II	5	CHM200 Chemistry Elective	5
CHE2151 Lab for Organic Chemistry I	0	No Credit	*
CHE2161 Lab for Organic Chemistry II	0	No Credit	*
CHE2297 Special Topics	.5-9	CHM200 Chemistry Elective	N/A
CHE2781 Methods&Prac of TeacSci in Secou Schools	3	CHM200 Chemistry Elective	3

CHINESE (CHN)

CHN1100 Conversational Chinese I	3	OE 100 Open Elective	3
CHN1105 Conversational Chinese II	3	OE 100 Open Elective	3
CHN2297 Special Topics	.5-9	OE 200 Open Elective	N/A

COMPUTER INFORMATION SYSTEMS (CIS)

CIS1107 Introduction to Operating Systems	3	CIT155 Operating Systems	3
CIS1111 Intro to Problem Solving & Comput Program	3	CIS201 Programming	3
CIS1130 Network Fundamentals	3	CIS100 Computer Information Systems Elective	3
CIS1140 Information Systems Analysis & Design	3	CIS100 Computer Information Systems Elective	3
CIS1202 C++ Software Development I	3	CIS100 Computer Information Systems Elective	3
CIS1304 Web Site Development w/ HTML/JavaScript	3	CIS255 Internet and Website Development	3
CIS1350 Web Site Development with HTML & CSS	3	CIS255 Internet and Website Development	3
CIS1411 Cisco Network Fundamentals	3	CIS100 Computer Information Systems Elective	3
CIS1510 Windows Client Operating System	3	CIS100 Computer Information Systems Elective	3
CIS1714 A+ Operating Systems Troubleshooting	3	CIS100 Computer Information Systems Elective	3
CIS2165 Database Management	3	CIS315 Database Design and Applications	3
CIS2170 Computer Information Systems Internship	2	CIS200 Computer Information Sys Elective	2
CIS2178 Computer Information Systems Capstone	3	CIS200 Computer Information Sys Elective	3
CIS2207 C++ Software Development II	3	CIS200 Computer Information Sys Elective	3
CIS2212 Java Software Development I	3	CIS200 Computer Information Sys Elective	3
CIS2217 Java Software Development II	3	CIS200 Computer Information Sys Elective	3
CIS2222 ASP.NET with C#	3	CIS200 Computer Information Sys Elective	3
CIS2250 Web Site Development with php & XML	3	CIS200 Computer Information Sys Elective	3
CIS2268 Introduction to Oracle	3	CIS200 Computer Information Sys Elective	3
CIS2269 Data Analytics Theory & Solutions	3	CIS200 Computer Information Sys Elective	3
CIS2297 Special Topics	.5-9	CIS200 Computer Information Sys Elective	N/A
CIS2309 Cascading Style Sheets	3	CIS200 Computer Information Sys Elective	3
CIS2314 Web Program w/Hypertext Preprocessor	3	CIS200 Computer Information Sys Elective	3
CIS2319 Extensible Markup Language (XML)	3	CIS200 Computer Information Sys Elective	3
CIS2416 Routing & Switching Essentials	4	CIS200 Computer Information Sys Elective	5
CIS2421 Scaling Networks	4	CIS200 Computer Information Sys Elective	4
CIS2426 Connecting Networks	4	CIS200 Computer Information Sys Elective	4
CIS2510 Microsoft Windows Server Oper System	3	CIT155 Operating Systems	3
CIS2515 Windows Network Infrastructure	3	CIS200 Computer Information Sys Elective	3
CIS2520 Windows Directory Services Administration	3	CIS200 Computer Information Sys Elective	3
CIS2550 Linux Operating System	3	CIS200 Computer Information Sys Elective	3
CIS2560 Fundamentals of Linux Security	3	CIS200 Computer Information Sys Elective	3
CIS2630 Securing a Windows Network Environment	3	CIS200 Computer Information Sys Elective	3
CIS2635 Microsoft SQL Server Administration	3	CIS200 Computer Information Sys Elective	3
CIS2640 Network Security	3	CIS200 Computer Information Sys Elective	3
CIS2711 Enterprise Desktop Support Technician	3	CIS200 Computer Information Sys Elective	3
CIS2717 A+ Certification IT Technician	3	CIS200 Computer Information Sys Elective	3
CIS2808 Introduction to Computer Forensics	3	CIS200 Computer Information Sys Elective	3

CRIMINAL JUSTICE SCIENCE (CJS)

CJS1101 Introduction to Criminal Justice Science	3	JUS110 Intro to Criminal Justice	3
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CJS1102 Constitutional Law	3	JUS100 Criminal Justice Elective	3
CJS1104 Criminal Evidence & Procedure	3	JUS202 Criminal Procedures	3
CJS1105 Criminal Law	3	JUS201 Criminal Law	3
CJS1106 Transition Skills	3	JUS100 Criminal Justice Elective	3
CJS1110 Interrogation, Documentation & Testimony	3	ENF100 Law Enforcement Elective	3
CJS1125 Policing	3	ENF150 Police and Society	3
CJS1155 Homeland Security Issues & Administration	3	ENF154 Homeland Security Overview	3
CJS1165 Corrections	3	COR120 Correctional Thought and Practice	3
CJS1181 Private Security Training Academy	3	ENF100 Law Enforcement Elective	3
CJS1197 Corr Full Service Jails/Basic Corr Officer Acad	3	COR100 Corrections Elective	3
CJS2111 Ethics & Professionalism in Criminal Justice	3	JUS200 Criminal Justice Elective	3
CJS2130 Terrorism & Counter-Terrorism	3	ENF212 Concepts of Terrorism	3
CJS2145 Correctional Case Management	3	COR100 Corrections Elective	3
CJS2200 Human Relat, Mediation & Conflict Resolu	3	JUS200 Criminal Justice Elective	3
CJS2205 Intro to Criminal Investigation&Forensic Sci	3	FSC115 Introduction to Forensic Science	3
CJS2209 Computer Crime	3	ENF200 Law Enforcement Elective	3
CJS2270 Criminal Justice Science Internship	3	JUS200 Criminal Justice Elective	3
CJS2280 Basic Peace Officer Training I	14	JUS110, JUS201, JUS202	14
CJS2281 Basic Peace Officer Training II	12	JUS110, JUS201, JUS202	12
CJS2295 Criminal Justice Science Seminar	4	JUS200 Criminal Justice Elective	4
CJS2297 Special Topics	.5-9	JUS200 Criminal Justice Elective	N/A

CLINICAL LABORATORY TECHNOLOGY (CLT)

CLT1200 Introduction to Clinical Laboratory	2	OE 100 Open Elective	2
CLT1203 Lab for Introduction to Clinical Laboratory	0	No Credit	*
CLT2110 Urine & Body Fluid Analysis	2	OE 200 Open Elective	2
CLT2113 Lab for Urine & Body Fluid Analysis	0	No Credit	*
CLT2210 Hematology	2	OE 200 Open Elective	2
CLT2213 Lab for Hematology	0	No Credit	*
CLT2310 Clinical Chemistry	2	OE 200 Open Elective	2
CLT2313 Lab for Clinical Chemistry	0	No Credit	*
CLT2410 Clinical Microbiology/Parasitology	4	OE 200 Open Elective	4
CLT2413 Lab for Clinical Microbiology/Parasitology	0	No Credit	*
CLT2510 Immunology/Serology/Immunohematology	2	OE 200 Open Elective	2
CLT2513 Lab for Immun/Serology/Immunohematology	0	No Credit	*
CLT2610 CLT Practicum I	2	OE 200 Open Elective	2
CLT2710 CLT Practicum II	2	OE 200 Open Elective	2

COMMUNICATION (COM)

COM2201 Introduction to Mass Communication	3	COM241 Intro to Mass Communication	3
COM2206 Interpersonal Communication	3	COM200 Communication Elective	3
COM2211 Effective Public Speaking	3	COM130 Oral Communication & Presentation	3
COM2220 Introduction to Communication Theory	3	COM200 Communication Elective	3
COM2225 Small Group Communication	3	COM200 Communication Elective	3
COM2230 Nonverbal Communication	3	COM200 Communication Elective	3
COM2235 Principles of Interviewing	3	COM200 Communication Elective	3
COM2245 Intercultural Communication	3	COM200 Communication Elective	3

COM2270 Communication Internship	1-4	COM200 Communication Elective	N/A
COM2278 Communication Capstone	1	OE 200 Open Elective	1
COM2286 Public Relations Principles	3	COM212 Introduction to Public Relations	3
COM2287 Effective Listening	3	COM200 Communication Elective	3
COM2290 Introduction to Broadcasting	3	COM200 Communication Elective	3
COM2297 Special Topics	.5-9	COM200 Communication Elective	N/A

DANCE (DAN)

DAN1105 Beginning Dance	1	OE 100 Open Elective	1
DAN1107 Jazz Workout	1	OE 100 Open Elective	1
DAN1146 Middle Eastern Dance Performance	1	OE 100 Open Elective	1
DAN1155 Dance History	3	ART100 Art Elective	3
DAN1157 Dance Appreciation	3	ART100 Art Elective	3
DAN1162 Beginning Middle Eastern Dance	1	OE 100 Open Elective	1
DAN1172 Ballet I	3	ART100 Art Elective	3
DAN1173 Modern Dance I	3	ART100 Art Elective	3
DAN1174 Jazz Dance I	3	ART100 Art Elective	3
DAN1175 Tap Dance I	3	ART100 Art Elective	3
DAN2262 Intermediate Middle Eastern Dance	1	OE 200 Open Elective	1
DAN2272 Ballet II	3	ART200 Art Elective	3
DAN2273 Modern Dance II	3	ART200 Art Elective	3
DAN2274 Jazz Dance II	3	ART200 Art Elective	3
DAN2275 Tap Dance II	3	ART200 Art Elective	3
DAN2297 Special Topics	.5-9	ART200 Art Elective	N/A

DENTAL HYGIENE (DEH)

DEH1102 Introduction to Dental Hygiene	1	OE 100 Open Elective	1
DEH1202 Head, Neck & Dental Anatomy	3	OE 100 Open Elective	3
DEH1203 Lab for Head, Neck & Dental Anatomy	0	No Credit	*
DEH1204 Dental Hygiene Instrumentation I	4	OE 100 Open Elective	4
DEH1205 Lab for Dental Hygiene Instrumentation I	0	No Credit	*
DEH1206 Nutrition & Oral Health	2	OE 100 Open Elective	2
DEH1302 Dental Hygiene Instrumentation II	4	OE 100 Open Elective	4
DEH1303 Lab for Dental Hygiene Instrumentation II	0	No Credit	*
DEH1304 Oral Histology & Embryology	1	OE 100 Open Elective	1
DEH1305 Medical Emergencies in Dental Practice	1	OE 100 Open Elective	1
DEH1306 General & Oral Pathology	4	OE 100 Open Elective	4
DEH1308 Dental Radiology	3	OE 100 Open Elective	3
DEH1309 Lab for Dental Radiology	0	No Credit	*
DEH2297 Special Topics	.5-9	OE 200 Open Elective	N/A
DEH2402 Clinical Dental Hygiene I	1	OE 200 Open Elective	1
DEH2403 Dental Hygiene Clinic I	1	OE 200 Open Elective	1
DEH2405 Computer Applications in Dentistry	1	OE 200 Open Elective	1
DEH2502 Pharmacology in Dental Practice	2	OE 200 Open Elective	2
DEH2503 Pain Control in the Dental Practice	1	OE 200 Open Elective	1
DEH2504 Dental Hygiene Research	2	OE 200 Open Elective	2
DEH2506 Dental Materials	2	OE 200 Open Elective	2

DEH2507 Lab for Dental Materials	0	No Credit	*
DEH2508 Clinical Dental Hygiene II	2	OE 200 Open Elective	2
DEH2509 Dental Hygiene Clinic II	3	OE 200 Open Elective	3
DEH2601 Community Dental Health	1	OE 200 Open Elective	1
DEH2602 Clinical Dental Hygiene III	1	OE 200 Open Elective	1
DEH2603 Dental Hygiene Clinic III	3	OE 200 Open Elective	3
DEH2604 Dental Hygiene Practice	1	OE 200 Open Elective	1

DEVELOPMENTAL LANGUAGE ART (DEV)

DEV0010 Fundamentals of Reading	3	No Credit	*
DEV0012 Academic Reading	3	No Credit	*
DEV0030 Foundations of Paragraph	3	No Credit	*
DEV0032 Foundations of Essay Writing	3	No Credit	*
DEV0040 Accelerated Reading	5	No Credit	*
DEV0044 Adv Developmental Reading & Writing	5	No Credit	*
DEV0054 Accelerated English	2	No Credit	*
DEV0060 Fundamentals of Reading Boot Camp	1	No Credit	*
DEV0062 Academic Reading Boot Camp	1	No Credit	*
DEV0080 Foundat of Paragraph Writing Boot Camp	1	No Credit	*
DEV0082 Foundations of Essay Writing Boot Camp	1	No Credit	*

DEVELOPMENTAL MATHEMATICS (DEV)

DEV0020 Basic Mathematics Part I	2	No Credit	*
DEV0022 Basic Mathematics Part II	2	No Credit	*
DEV0024 Introduction to Algebra Part I	2	No Credit	*
DEV0026 Introduction to Algebra Part II	2	No Credit	*
DEV0050 Accelerated Introduction to Algebra	2	No Credit	*
DEV0070 Basic Mathematics Part I Boot Camp	1	No Credit	*
DEV0072 Basic Mathematics Part II Boot Camp	1	No Credit	*
DEV0074 Introduction to Algebra I Boot Camp	1	No Credit	*
DEV0076 Introduction to Algebra II Boot Camp	1	No Credit	*

DIETETICS TECHNOLOGY (DIT)

DIT1105 Introduction to Dietetics	1	OE 100 Open Elective	1
DIT1108 Nutrition for Culinary Professional	3	OE 100 Open Elective	3
DIT1111 Nutrition for Health & Fitness	3	OE 100 Open Elective	3
DIT1143 Healthy Cooking	1	OE 100 Open Elective	1
DIT1210 Medical Terminology for Dietetics	1	OE 100 Open Elective	1
DIT1525 Human Nutrition	3	OE 100 Open Elective	3
DIT1630 Nutrition in the Lifecycle	3	OE 100 Open Elective	3
DIT1635 Community Nutrition	3	OE 100 Open Elective	3
DIT2101 Eating Matters for Dining Assistants	1	OE 200 Open Elective	1
DIT2180 Med Nutrition Therapy for Dietary Managers	3	OE 200 Open Elective	3
DIT2190 Dietary Managers Nutrition Clinical	2	OE 200 Open Elective	2
DIT2240 Education Methods & Materials	2	OE 200 Open Elective	2
DIT2297 Special Topics	.5-9	OE 200 Open Elective	N/A
DIT2305 Food, Culture & Cuisine	3	OE 200 Open Elective	3

DIT2510 Institutional Foodservice Systems	3	OE 200 Open Elective	3
DIT2515 Foodservice Practicum I	1	OE 200 Open Elective	1
DIT2520 Laboratory for Foodservice Systems	1	OE 200 Open Elective	1
DIT2625 Medical Nutrition Therapy I	3	OE 200 Open Elective	3
DIT2630 Medical Nutrition Therapy Clinical I	3	OE 200 Open Elective	3
DIT2735 Foodservice Organization & Management	3	OE 200 Open Elective	3
DIT2740 Foodservice Practicum II	1	OE 200 Open Elective	1
DIT2845 Medical Nutrition Therapy II	3	OE 200 Open Elective	3
DIT2850 Medical Nutrition Therapy Clinical II	3	OE 200 Open Elective	3
DIT2855 Dietetics Seminar	1	OE 200 Open Elective	1
DIT2860 Credentialing Exam Review	1	OE 200 Open Elective	1

EARLY CHILDHOOD EDUCATION (ECE)

ECE1100 Introduction to Early Childhood Education	3	OE 100 Open Elective	3
ECE1101 Introductory Child Development	3	OE 100 Open Elective	3
ECE1200 Observation & Assessment	3	OE 100 Open Elective	3
ECE1201 Curriculum & Planning	3	OE 100 Open Elective	3
ECE2100 Language, Lit&Interaction w/Young Children	3	OE 200 Open Elective	3
ECE2101 Creative Experiences	3	OE 200 Open Elective	3
ECE2102 Math & Science Experiences	3	OE 200 Open Elective	3
ECE2200 Families, Communities & Schools	3	OE 200 Open Elective	3
ECE2201 Guidance of Young Children	3	OE 200 Open Elective	3
ECE2202 Teaching Techniques	3	OE 200 Open Elective	3
ECE2297 Special Topics	.5-9	OE 200 Open Elective	N/A
ECE2300 Inclusion	3	OE 200 Open Elective	3
ECE2301 Early Childhood Education Practicum	4	OE 200 Open Elective	4

ECONOMICS (ECO)

ECO2160 Principles of Macroeconomics	3	ECO221 Principles of Macroeconomics	3
ECO2180 Principles of Microeconomics	3	ECO222 Principles of Microeconomics	3
ECO2297 Special Topics	.5-9	ECO200 Economics Elective	N/A

EDUCATION (EDU)

EDU1100 Introduction to Education	3	EDU100 Foundations of Education	3
EDU1103 Educational Technology	3	EDU150 Intro to Technology in Education	3
EDU1105 Individuals with Exceptionalities	3	EDU102 Education Elective	3
EDU2297 Special Topics	.5-9	EDU102 Education Elective	N/A

ELECTRONICS ENGINEERING TECHNOLOGY (EET)

EET1116 Electronics Schematics & Fabrication	4	OE 100 Open Elective	4
EET1120 Introduction to D.C. & A.C. Circuits	2	OE 100 Open Elective	2
EET1131 Digital Electronics	5	OE 100 Open Elective	5
EET1139 Electrical Machinery	3	OE 100 Open Elective	3
EET1150 D.C. Circuits	4	OE 100 Open Elective	4
EET1155 A.C. Circuits	4	OE 100 Open Elective	4
EET1158 Satellite Tool Kit	2	OE 100 Open Elective	2
EET1164 PC Assembly	4	OE 100 Open Elective	4

EET1166 Industrial Machine Writing	2	OE 100 Open Elective	2
EET1181 Electrical Construction I	2-3	OE 100 Open Elective	2-3
EET1182 Electrical Construction II	2-3	OE 100 Open Elective	2-3
EET1183 Electrical Construction III	2-3	OE 100 Open Elective	2-3
EET1184 Electrical Construction IV	2-3	OE 100 Open Elective	2-3
EET1198 Digital Technology	2	OE 100 Open Elective	2
EET2157 Radio Frequency Identification (RFID) Techn	3	OE 200 Open Elective	3
EET2201 Electronic Devices & Circuits	5	OE 200 Open Elective	5
EET2220 Avionics&Unmanned Aerial Systems Sensors	4	OE 200 Open Elective	4
EET2252 Advanced Digital Circuits	3	OE 200 Open Elective	3
EET2257 Radio Freq Identification (RFID) Capstone	3	OE 200 Open Elective	3
EET2259 Programming for Electronics Technology	4	OE 200 Open Elective	4
EET2261 Microprocessors	4	OE 200 Open Elective	4
EET2264 PC Troubleshooting & Repair	4	OE 200 Open Elective	4
EET2270 Electronics Engineering Techno Internship	1-4	OE 200 Open Elective	N/A
EET2278 Electronics Project Capstone	4	OE 200 Open Elective	4
EET2281 Programmable Logic Controllers	3	OE 200 Open Elective	3
EET2282 Advanced Programmable Logic Controllers	3	OE 200 Open Elective	3
EET2283 Fundamentals of Lasers	3	OE 200 Open Elective	3
EET2297 Special Topics	.5-9	OE 200 Open Elective	N/A

EXPANDED FUNCTIONS FOR DENTAL (EFD)

EFD1102 Dental Anatomy for Dental Auxiliaries	1	OE 100 Open Elective	1
EFD1202 Expanded Functions for Dental Auxiliaries I	6	OE 100 Open Elective	6
EFD1203 Lab for Expand Funct for Dental Auxiliaries I	0	No Credit	*
EFD1302 Expanded Functions for Dental Auxiliaries II	6	OE 100 Open Elective	6
EFD1303 Lab for Expand Functions for Dental Auxil II	0	No Credit	*
EFD2297 Special Topics	.5-9	OE 200 Open Elective	N/A

ENGINEERING (EGR)

EGR1101 Intro Mathematics for Engineering Applica	4	OE 100 Open Elective	4
EGR1111 Introduction to Nanotechnology	3	OE 100 Open Elective	3
EGR1121 Intro to the Intelligence Community	3	OE 100 Open Elective	3
EGR1122 Funda of Remote Sensing in Intelligence	3	OE 100 Open Elective	3
EGR1128 Robotics in Computer Integ Manufact Sys	3	OE 100 Open Elective	3
EGR1144 Sensors & Vision Systems	4	OE 100 Open Elective	4
EGR1201 Intro to Spectral Sensing with App in Intellig	3	OE 100 Open Elective	3
EGR1202 Introduction to Radar	3	OE 100 Open Elective	3
EGR1211 Introduction to Large Area Surveillance	3	OE 100 Open Elective	3
EGR1212 Measurement & Signal Intelligence	3	OE 100 Open Elective	3
EGR1217 Fluid Power & Control	2	OE 100 Open Elective	2
EGR2211 Nanotechnology Appli & Fabrications Techniq	3	OE 200 Open Elective	3
EGR2215 Control Systems	3	OE 200 Open Elective	3
EGR2231 Troubleshooting of Automated Systems	3	OE 200 Open Elective	3
EGR2244 Automation & Control Devices	3	OE 200 Open Elective	3
EGR2250 Electromechanical Repair	4	OE 200 Open Elective	4
EGR2252 Teach Pendant Robot Programming	2	OE 200 Open Elective	2

EGR2256 Automated Data Acquisition Systems	3	OE 200 Open Elective	3
EGR2261 Engine Problem Solving using "C" & "C++"	4	OE 200 Open Elective	4
EGR2270 Automation & Control Internship	1-4	OE 200 Open Elective	N/A
EGR2278 Automation & Control Capstone	3	OE 200 Open Elective	3
EGR2297 Special Topics	.5-9	OE 200 Open Elective	N/A

ENVIRONMENTAL & ENERGY ENGINEERING TECHNOLOGY (EGV)

EGV1101 Alternate & Renewable Energy Sources	3	OE 100 Open Elective	3
EGV1201 Weatherization Training	2	OE 100 Open Elective	2
EGV1251 Intro to Energy Management Principles	3	OE 100 Open Elective	3
EGV1301 Architectural Energy Analysis	2	OE 100 Open Elective	2
EGV1351 Building Performance Training	2	OE 100 Open Elective	2
EGV1501 Environmental Assessment & Analysis	3	OE 100 Open Elective	3
EGV1551 Water Treatment Analysis	3	OE 100 Open Elective	3
EGV1610 Water Distribution Systems	3	OE 100 Open Elective	3
EGV1620 GIS Mapping	3	OE 100 Open Elective	3
EGV1630 Wastewater Collection Systems	3	OE 100 Open Elective	3
EGV1640 Introduction to Backflow	1	OE 100 Open Elective	1
EGV1650 Applied Applic for Water & Wastewater	3	OE 100 Open Elective	3
EGV2101 Solar Photovoltaic Design & Installation	3	OE 200 Open Elective	3
EGV2151 Solar Thermal Systems	3	OE 200 Open Elective	3
EGV2201 Electrical Lighting & Motors	2	OE 200 Open Elective	2
EGV2251 Energy Control Strategies	2	OE 200 Open Elective	2
EGV2297 Special Topics	.5-9	OE 200 Open Elective	N/A
EGV2301 Commercial & Industrial Assessment	3	OE 200 Open Elective	3
EGV2351 LEED Green Associate Exam Preparation	2	OE 200 Open Elective	2
EGV2501 Waste Management	3	OE 200 Open Elective	3
EGV2551 Hydrology	3	OE 200 Open Elective	3
EGV2700 Energy Mgt Technology Internship	1-4	OE 200 Open Elective	N/A
EGV2701 Environ Engineering Techn Internship	1-4	OE 200 Open Elective	N/A
EGV2780 Energy Management Technology Capstone	4	OE 200 Open Elective	4
EGV2781 Environmental Engineering Techn Capstone	4	OE 200 Open Elective	4

EMERGENCY MEDICAL SERVICES (EMS)

EMS1100 Emergency Medical Responder Lect & Lab	2	OE 100 Open Elective	2
EMS1150 Emergency Medical Technician: Lecture	5	OE 100 Open Elective	5
EMS1155 Lab for Emergency Medical Technician	2	OE 100 Open Elective	2
EMS1175 Emergency Medical Technician Refresher	2	OE 100 Open Elective	2
EMS2100 Applied Anat, Phys&Pathophys for Emery	3	OE 200 Open Elective	3
EMS2105 Paramedic 1: Lecture	2	OE 200 Open Elective	2
EMS2110 Paramedic 1: Laboratory	2	OE 200 Open Elective	2
EMS2125 Paramedic 2: Lecture	5	OE 200 Open Elective	5
EMS2130 Paramedic 2: Laboratory	2	OE 200 Open Elective	2
EMS2135 Paramedic 2: Clinical	2	OE 200 Open Elective	2
EMS2150 Paramedic 3: Lecture	5	OE 200 Open Elective	5
EMS2155 Paramedic 3: Laboratory	2	OE 200 Open Elective	2
EMS2160 Paramedic 3: Clinical	1	OE 200 Open Elective	1

EMS2175 Paramedic 4: Lecture	2	OE 200 Open Elective	2
EMS2180 Paramedic 4: Field Experience	1	OE 200 Open Elective	1
EMS2200 Paramedic 5: Integration/ Refresher Lect	2	OE 200 Open Elective	2
EMS2205 Paramedic 5: Integration/ Refresher Lab	1	OE 200 Open Elective	1
EMS2250 Paramedic Refresher	3	OE 200 Open Elective	3
EMS2297 Special Topics	.5-9	OE 200 Open Elective	N/A
EMS2300 Critical Care Paramedic 1	3	OE 200 Open Elective	3
EMS2305 Critical Care Paramedic 2	3	OE 200 Open Elective	3
EMS2310 EMS Management 1	3	OE 200 Open Elective	3
EMS2315 EMS Management 2	3	OE 200 Open Elective	3

ENGLISH (ENG)

ENG1101 English Composition I	3	ENG141 Rhetoric&Introductory Research Writ	3
ENG1131 Business Writing	3	OE 100 Open Elective	3
ENG1160 Advanced Vocabulary	3	OE 100 Open Elective	3
ENG1199 Textual Editing	3	ENG262 Editing	3
ENG1201 English Composition II	3	ENG142 Writing, Research and Literature	3
ENG2245 Introduction to Linguistics	3	ENG221 History of the English Language	3
ENG2255 Creative Writing: Poetry	3	ENG253 Creative Writing III: Poetry	3
ENG2256 Creative Writing Fiction	3	ENG252 Creative Writing II: Short Story	3
ENG2257 Freelance Writing	3	OE 200 Open Elective	3
ENG2259 Novel Writing	3	OE 200 Open Elective	3
ENG2260 Memoir Writing	3	OE 200 Open Elective	3
ENG2297 Special Topics	.5-9	OE 200 Open Elective	N/A
ENG2500 Advanced Composition	3	OE 200 Open Elective	3

EXERCISE, NUTRITION & SPORTS SCIENCE (ENS)

ENS1110 First Aid & CPR	2	NAT100 Natural Science Elective	2
ENS1112 Introduction to Physical Education	3	OE 100 Open Elective	3
ENS1114 Intro to Sport & Recreation Management	3	SRM160 Intro to Sports and Recreation Mgt	3
ENS1116 Intro to Exercise Sci & Health Promotion	3	NAT146 Introduction to Exercise Science	3
ENS1118 Lifetime Physical Fitness & Wellness	3	NAT260 Lifetime Fitness and Wellness	3
ENS1119 Concepts of Fitness for Criminal Justice	2	OE 100 Open Elective	2
ENS1212 Fundraising & Sport Budgeting	3	OE 100 Open Elective	3
ENS1214 Personal & Community Health Behavior	3	OE 100 Open Elective	3
ENS2297 Special Topics	.5-9	OE 200 Open Elective	N/A
ENS2312 Basic Athletic Training	3	NAT124 Introduction to Athletic Training	3
ENS2314 Sport Promotions	3	OE 200 Open Elective	3
ENS2316 Motor Development & Motor Learning	3	OE 200 Open Elective	3
ENS2318 Fitness Assessment & Exercise Prescription	3	OE 200 Open Elective	3
ENS2412 Integratof Phys Edu for Elementary Educators	3	OE 200 Open Elective	3
ENS2414 Foundations of Coaching	3	OE 200 Open Elective	3
ENS2415 Coaching & Leadership	3	OE 200 Open Elective	3
ENS2416 Certification Preparatory Course	3	OE 200 Open Elective	3
ENS2417 Methods of Teaching	3	OE 200 Open Elective	3
ENS2418 Exercise Prescription for Special Populations	3	OE 200 Open Elective	3
ENS2419 Health Promo, Fitness & Sport Program	3	OE 200 Open Elective	3

ENS2420 Concepts of Lifestyle Coaching	3	OE 200 Open Elective	3
ENS2471 Exercise, Nutrition, & Sports Sci Practicum	2	OE 200 Open Elective	2

ENTREPRENEURSHIP (ENT)

ENT2140 Small Business Finance	3	FIN200 Finance Elective	3
ENT2160 Business Plan Development	3	MGT200 Management Elective	3
ENT2297 Special Topics	.5-9	OE 200 Open Elective	N/A

ENGLISH AS A SECOND LANGUAGE (ESL)

ESL0120 Reading & Writing Basics	4	No Credit	*
ESL0125 Basic Speaking & Listening	4	No Credit	*
ESL0130 ESL Reading & Writing I	4	No Credit	*
ESL0135 ESL Reading & Writing II	4	No Credit	*
ESL0140 ESL Listening & Speaking I	4	No Credit	*
ESL0145 ESL Listening & Speaking II	4	No Credit	*
ESL0150 ESL Basic	4	No Credit	*
ESL0170 ESL Intermediate	4	No Credit	*
ESL0190 ESL Advanced	4	No Credit	*
ESL2297 Special Topics	.5-9	No Credit	*

FINANCE (FIN)

FIN2450 Personal Finance	3	FIN101 Personal Finance	3
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FRENCH (FRE)

FRE1100 Conversational French	3	OE 100 Open Elective	3
FRE1101 Elementary French I	4	OE 100 Open Elective	4
FRE1102 Elementary French II	4	OE 100 Open Elective	4
FRE2201 Intermediate French I	3	OE 200 Open Elective	3
FRE2202 Intermediate French II	3	OE 200 Open Elective	3
FRE2297 Special Topics	.5-9	OE 200 Open Elective	N/A

FIRE SCIENCE TECHNOLOGY (FST)

FST1100 Volunteer Firefighter	2	OE 100 Open Elective	2
FST1101 Firefighter I Transition	5	OE 100 Open Elective	5
FST1102 Firefighter I	6	OE 100 Open Elective	6
FST1103 Firefighter II Transition	5	OE 100 Open Elective	5
FST1104 Firefighter II	11	OE 100 Open Elective	11
FST1111 Fire Behavior & Combustion	3	OE 100 Open Elective	3
FST1112 Principles of Emergency Services	3	OE 100 Open Elective	3
FST1113 Fire Prevention	3	OE 100 Open Elective	3
FST1115 Fire Apparatus & Equipment	3	OE 100 Open Elective	3
FST1120 Fire Safety Inspector	4	OE 100 Open Elective	4
FST1125 Fire Investigation I	3	OE 100 Open Elective	3
FST1126 Fire Investigation II	3	OE 100 Open Elective	3
FST1555 Hazardous Waste Oper&Emergency Response	3	OE 100 Open Elective	3
FST2201 Fire Protection Hydraulics & Water Supply	3	OE 200 Open Elective	3
FST2202 Building Construction for Fire Protection	3	OE 200 Open Elective	3

FST2203 Hazardous Materials Chemistry	3	OE 200 Open Elective	3
FST2204 Fire Protection Systems	5	OE 200 Open Elective	5
FST2205 Fire Administration	3	OE 200 Open Elective	3
FST2206 Fire Strategy & Tactics	3	OE 200 Open Elective	3
FST2209 Fire Service Instructor	4	OE 200 Open Elective	4
FST2228 Human Behavior & Fire	3	OE 200 Open Elective	3
FST2230 Princi of Fire & Emerg Services Safety & Surv	3	OE 200 Open Elective	3
FST2251 Fire Officer I	5	OE 200 Open Elective	5
FST2252 Fire Officer II	3	OE 200 Open Elective	3
FST2253 Fire Officer III	3	OE 200 Open Elective	3
FST2254 Fire Officer IV	3	OE 200 Open Elective	3
FST2260 Adv Concepts in Structural Fire Protection	3	OE 200 Open Elective	3
FST2270 Fire Science Internship	2	OE 200 Open Elective	2
FST2297 Special Topics	.5-9	OE 200 Open Elective	N/A

GEOGRAPHY (GEO)

GEO1101 Human Geography	3	CUL100 Cultural Studies Elective	3
GEO1102 Physical Geography	4	NAT100 Natural Science Elective	4
GEO1107 Intro to Geographic Information Systems	4	OE 100 Open Elective	4
GEO1201 World Regional Geography	3	CUL100 Cultural Studies Elective	3
GEO1206 Appalachian Environment	3	CUL100 Cultural Studies Elective	3
GEO1208 Geography of the Middle East	3	CUL100 Cultural Studies Elective	3
GEO1209 Introduction to Cartography	4	OE 100 Open Elective	4
GEO2210 Advanced Spatial Analysis	4	OE 200 Open Elective	4
GEO2297 Special Topics	.5-9	OE 200 Open Elective	N/A

GERMAN (GER)

GER1100 Conversational German	3	OE 100 Open Elective	3
GER1101 Elementary German I	4	OE 100 Open Elective	4
GER1102 Elementary German II	4	OE 100 Open Elective	4
GER2201 Intermediate German I	3	OE 200 Open Elective	3
GER2202 Intermediate German II	3	OE 200 Open Elective	3
GER2297 Special Topics	.5-9	OE 200 Open Elective	N/A

GEOLOGY (GLG)

GLG1101 General Geology I	4	NAT100 Natural Science Elective	4
GLG1111 Lab for General Geology I	0	No Credit	*
GLG1201 General Geology II	4	NAT100 Natural Science Elective	4
GLG1211 Lab for General Geology II	0	No Credit	*
GLG1301 Geologic Field Trips	4	NAT100 Natural Science Elective	4
GLG2297 Special Topics	.5-9	NAT100 Natural Science Elective	N/A

HEALTH INFORMATION MANAGEMENT (HIM)

HIM1101 Medical Terminology	2	MGT151 Medical Terminology	2
HIM1110 Health Information Processing	3	MGT140 Survey of Healthcare Orgs & Termin	3
HIM1160 Medical Office Coding Concepts	1	OE 100 Open Elective	1

HIM1165 Drug Classification for Coding	1	OE 100 Open Elective	1
HIM1201 Introductory Medical Office Coding	4	OE 100 Open Elective	4
HIM1204 Medicolegal & Ethics in Healthcare Records	2	OE 100 Open Elective	2
HIM1217 Alternative Health Records & Registries	3	OE 100 Open Elective	3
HIM2110 Ambulatory Coding	4	OE 200 Open Elective	4
HIM2144 Quality Improv, Statistics & Research	3	OE 200 Open Elective	3
HIM2145 Health Information Resource Mgt	3	OE 200 Open Elective	3
HIM2165 Healthcare Data in Reimbursement	3	OE 200 Open Elective	3
HIM2211 Inpatient Coding	4	OE 200 Open Elective	4
HIM2233 Healthcare Information Systems	3	OE 200 Open Elective	3
HIM2252 Professional Practice Experience	2	OE 200 Open Elective	2
HIM2262 Advanced Medical Office Coding	3	OE 200 Open Elective	3
HIM2278 Health Info Management Capstone	1	OE 200 Open Elective	1
HIM2297 Special Topics	.5-9	OE 200 Open Elective	N/A

HISTORY (HIS)

HIS1101 United States History I	3	HIS111 American Society to 1865	3
HIS1102 United States History II	3	HIS112 American Society since 1865	3
HIS1105 African-American History	3	HIS100 History Elective	3
HIS1111 Western Civilization I	3	HIS211 Western Society to 1500	3
HIS1112 Western Civilization II	3	HIS100 History Elective	3
HIS2215 Survey of African History	3	HIS200 History Elective	3
HIS2216 Survey of Latin American History	3	HIS200 History Elective	3
HIS2217 Survey of East Asian History	3	HIS200 History Elective	3
HIS2218 History of Ohio	3	HIS320 Ohio History	3
HIS2219 Survey of the Middle East	3	HIS312 History of the Middle East	3
HIS2297 Special Topics	.5-9	HIS200 History Elective	N/A

HOSPITALITY MANAGEMENT TECHNOLOGY (HMT)

HMT1101 Basic Culinary Skills	3	HOS100 Hospitality Management Elective	3
HMT1102 Kitchen Chemistry	3	HOS100 Hospitality Management Elective	3
HMT1105 Intro to Hospitality & Tourism Industry	2	HOS104 Intro to Hospitality & Tourism Industry	2
HMT1107 Sanitation & Safety	2	HOS215 Food Service and Safety Mgmt	2
HMT1108 Pastry & Confectionery Basics	4	HOS100 Hospitality Management Elective	4
HMT1110 Menu Planning & Table Service Practicum	3	HOS100 Hospitality Management Elective	3
HMT1112 Food Principles & Basic Preparation	4	HOS100 Hospitality Management Elective	4
HMT1125 Beverage Management	2	HOS100 Hospitality Management Elective	2
HMT1126 Baking I & Restaurant Desserts	4	HOS100 Hospitality Management Elective	4
HMT1127 Baking II & Barista Basics	4	HOS100 Hospitality Management Elective	4
HMT1136 Front Office Operations	2	HOS280 Hospitality Facilities Management	2
HMT1137 Hospitality Industry Computer System	2	HOS100 Hospitality Management Elective	2
HMT1138 Managing Lodging Operations	2	HOS280 Hospitality Facilities Management	2
HMT1139 Housekeeping Management	2	HOS100 Hospitality Management Elective	2
HMT1140 Dimensions of Air Travel	3	HOS100 Hospitality Management Elective	3
HMT1141 Destination Geography	3	HOS100 Hospitality Management Elective	3
HMT1143 Organization of the Travel Product	3	HOS100 Hospitality Management Elective	3
HMT1146 Airline Travel Technology	3	HOS100 Hospitality Management Elective	3

HMT1150 Meeting & Event Planning	3	MKT100 Marketing Elective	3
HMT1151 Special Events, Expositions & Festivals	3	HOS100 Hospitality Management Elective	3
HMT2118 Artisan Breads	3	HOS200 Hospitality Management Elective	3
HMT2128 Cake Production & Decoration	4	HOS200 Hospitality Management Elective	4
HMT2201 Food Service Equip, Design & Maintenance	2	HOS200 Hospitality Management Elective	3
HMT2206 Garde Manger	3	HOS200 Hospitality Management Elective	3
HMT2207 Butcher & Fish Management	2	HOS200 Hospitality Management Elective	2
HMT2209 Advanced Culinary Skills	3	HOS200 Hospitality Management Elective	3
HMT2215 Hospitality Cost Controls	3	HOS200 Hospitality Management Elective	3
HMT2218 Advanced Pastry Skills	3	HOS200 Hospitality Management Elective	3
HMT2225 Hospitality & Tourism Supervision	3	HOS200 Hospitality Management Elective	3
HMT2226 Hospitality Purchasing & Negotiations	3	HOS200 Hospitality Management Elective	3
HMT2227 Hospitality Marketing	2	HOS200 Hospitality Management Elective	2
HMT2230 Risk & Prevention Management	2	HOS200 Hospitality Management Elective	2
HMT2291 Hosp Mgt & Tourism Cooper Work Exper	2	HOS200 Hospitality Management Elective	2
HMT2292 Culinary Arts Opt Cooper Work Experience	2	HOS200 Hospitality Management Elective	2
HMT2295 Hospitality Mgt & Tourism Capstone	3	HOS200 Hospitality Management Elective	3
HMT2297 Special Topics	.5-9	HOS200 Hospitality Management Elective	N/A

HUMANITIES (HUM)

HUM1125 Introduction to the Humanities	3	CUL100 Cultural Studies Elective	3
HUM1130 Humanity & the Challenge of Technology	3	CUL100 Cultural Studies Elective	3
HUM1131 The Search for Utopia	3	CUL100 Cultural Studies Elective	3
HUM1132 Holocaust & Genocide	3	CUL100 Cultural Studies Elective	3
HUM1135 Environmental Ethics	3	CUL100 Cultural Studies Elective	3
HUM1140 Appalachian Folkways	3	CUL100 Cultural Studies Elective	3
HUM1141 Appalachian History & Culture	3	CUL100 Cultural Studies Elective	3
HUM1142 Native American History	3	CUL100 Cultural Studies Elective	3
HUM1195 Leadership Development	3	CUL100 Cultural Studies Elective	3
HUM2236 International Studies	1-3	CUL200 Cultural Studies Elective	N/A
HUM2297 Special Topics	.5-9	CUL200 Cultural Studies Elective	N/A

HEATING, VENTILATION, AIR CONDIT & REFRIGERATION (HVA)

HVA1201 Basic HVAC Systems with Cooling	3	OE 100 Open Elective	3
HVA1221 Heating Systems	3	OE 100 Open Elective	3
HVA1241 HVAC Installation Techniques & Practices	4	OE 100 Open Elective	4
HVA1261 HVAC Loads & Distribut for Small Buildings	3	OE 100 Open Elective	3
HVA1301 Air & Water Distribution Systems	4	OE 100 Open Elective	4
HVA1351 Building Psychometrics & Load Calculations	4	OE 100 Open Elective	4
HVA1401 HVAC Mech & Electrical Troubleshooting	4	OE 100 Open Elective	4
HVA1451 Testing, Adjusting & Balancing in HVAC Syst	3	OE 100 Open Elective	3
HVA2201 HVAC Systems	4	OE 200 Open Elective	4
HVA2251 Primary HVAC Equipment Oper & Selection	3	OE 200 Open Elective	3
HVA2297 Special Topics	.5-9	OE 200 Open Elective	N/A
HVA2301 HVAC Controls	4	OE 200 Open Elective	4
HVA2700 HVACR Engineering Technology Internship	1-4	OE 200 Open Elective	N/A
HVA2780 HVACR Engineering Techn Capstone Project	4	OE 200 Open Elective	4

INTERIOR DESIGN (IND)

IND1180 History of Interior Design	3	OE 100 Open Elective	3
IND1230 Residential Design	4	OE 100 Open Elective	4
IND1234 Materials & Textiles	3	OE 100 Open Elective	3
IND1240 Color Theory	3	OE 100 Open Elective	3
IND2130 Non-Residential Design	4	OE 200 Open Elective	4
IND2135 Rendering	3	OE 200 Open Elective	3
IND2140 Sustainable Design	4	OE 200 Open Elective	4
IND2260 Interior Design Portfolio	4	OE 200 Open Elective	4
IND2297 Special Topic	.5-9	OE 200 Open Elective	N/A

JOURNALISM (JOU)

JOU2101 Introduction to Journalism	3	OE 200 Open Elective	3
JOU2203 Reporting & Writing for Media	3	OE 200 Open Elective	3
JOU2270 Journalism Internship	1-4	OE 200 Open Elective	N/A
JOUR2297 Special Topics	.5-9	OE 200 Open Elective	N/A

JAPANESE (JPN)

JPN1100 Conversational Japanese I	3	OE 100 Open Elective	3
JPN1105 Conversational Japanese II	3	OE 100 Open Elective	3
JPN2297 Special Topics	.5-9	OE 200 Open Elective	N/A

LAW (LAW)

LAW1101 Business Law	3	LAW211 Business Law I	3
LAW1102 Consumer Law	3	OE 100 Open Elective	3
LAW1103 Domestic Violence	2	OE 100 Open Elective	2
LAW1104 Employment Law	3	OE 100 Open Elective	3
LAW2297 Special Topics	.5-9	OE 200 Open Elective	N/A

LITERATURE (LIT)

LIT2201 British Literature I	3	ENG291 British Literature I	3
LIT2202 British Literature II	3	ENG292 British Literature II	3
LIT2205 Modern Short Story	3	ENG242 Short Story Interpretation	3
LIT2211 American Literature I	3	ENG293 American Literature I	3
LIT2212 American Literature II	3	ENG294 American Literature II	3
LIT2217 Images of Women in Literature	3	ENG294 American Literature II	3
LIT2220 Introduction to Literature	3	ENG200 English Elective	3
LIT2230 Great Books of the Western World	3	ENG200 English Elective	3
LIT2234 Literature of Africa, Asia & Latin America	3	ENG200 English Elective	3
LIT2236 African-American Literature	3	ENG200 English Elective	3
LIT2259 Imaginative Literature	3	ENG200 English Elective	3
LIT2267 Mythology in Literature	3	ENG200 English Elective	3
LIT2270 Introduction to Shakespeare	3	ENG200 English Elective	3
LIT2297 Special Topics	.5-9	OE 200 Open Elective	N/A
LIT2400 Children's & Adolescent Literature	3	ENG200 English Elective	3

MANAGEMENT (MAN)

MAN1106 Intro to Radio Frequency Identification	1	OE 100 Open Elective	1
MAN1107 Foundations of Business	3	MGT121 How Business Works	3
MAN1110 International Business	3	MGT100 Management Elective	3
MAN1157 Mgt Applic of Radio Freq Identification Tech	2	OE 100 Open Elective	2
MAN2101 Introduction to Supervision	3	MGT200 Management Elective	3
MAN2110 Introduction to Project Management	3	MGT200 Management Elective	3
MAN2140 Human Resource Management	3	MGT131 Intro to Human Resrouces & Ethics	3
MAN2144 Negotiation Techniques	3	MGT200 Management Elective	3
MAN2150 Management & Organizational Behavior	3	MGT201 Management of Organizations	3
MAN2155 Management Information Systems	3	CIS312 Information Systems of Mangers	3
MAN2159 Supply Chain Mgt Concepts & Applications	3	MGT221 Supply Chain Management	3
MAN2247 Depart of Defense Systems Acquisi Mgt	2	MGT200 Management Elective	2
MAN2248 Depart of Defense Acqui Logistics Fund	2	MGT200 Management Elective	2
MAN2270 Management Internship	2	MGT200 Management Elective	2
MAN2279 Business Management Capstone	3	MGT200 Management Elective	3
MAN2297 Special Topics	.5-9	MGT200 Management Elective	N/A

MEDICAL ASSISTANT TECHNOLOGY (MAS)

MAS1101 Introduction to Medical Assisting	3	OE 100 Open Elective	3
MAS1102 Clinical Medical Assisting I	3	OE 100 Open Elective	3
MAS1103 Clinical Medical Assisting II	4	OE 100 Open Elective	4
MAS1110 Administrative Medical Assisting I	2	OE 100 Open Elective	2
MAS1130 Reimbursement Specialist Practicum	2	OE 100 Open Elective	2
MAS2201 Clinical Medical Assisting III	4	OE 200 Open Elective	4
MAS2202 Medical Assisting Capstone	1	OE 200 Open Elective	1
MAS2210 Medical Billing Specialist	2	OE 200 Open Elective	2
MAS2220 MAS Practicum I	3	OE 200 Open Elective	3
MAS2221 Practicum II	3	OE 200 Open Elective	3
MAS2297 Special Topics	.5-9	OE 200 Open Elective	N/A

MATHEMATICS (MAT)

MAT1110 Math for Technology	3	OE 100 Open Elective	3
MAT1120 Business Mathematics	3	OE 100 Open Elective	3
MAT1130 Allied Health Mathematics	3	OE 100 Open Elective	3
MAT1270 Beginning Algebra	3	MAT181 College Algebra	3
MAT1280 Technical Mathematics I	4	MAT174 Finite Mathematics	4
MAT1290 Technical Mathematics II	4	MAT101 Mathematics Elective	4
MAT1295 Technical Mathematics III	5	MAT101 Mathematics Elective	5
MAT1340 Mathematical Reasoning	4	MAT251 Applied Mathematics	4
MAT1355 Intermediate Algebra I	3	MAT181 College Algebra	3
MAT1365 Intermediate Algebra II	3	MAT181 College Algebra	3
MAT1370 Intermediate Algebra	5	MAT181 College Algebra	5
MAT1410 Numerical Concepts for Teachers	4	MAT251 Applied Mathematics	4
MAT1420 Algebra & Data Analysis for Teachers	4	MAT101 Mathematics Elective	4
MAT1430 Geometry & Measurement for Teachers	4	MAT271 Geometry for Middle School Teachers	4
MAT1440 Excursions in Mathematics	3	MAT101 Mathematics Elective	3

MAT1445 Quantitative Literacy	3	MAT101 Mathematics Elective	3
MAT1450 Introductory Statistics	4	MAT273 Applied Statistics I	4
MAT1460 Finite Mathematics for Business Analysis	4	MAT174 Finite Mathematics	4
MAT1470 College Algebra	4	MAT181 College Algebra	4
MAT1570 Trigonometry	3	MAT181 College Algebra	3
MAT1580 Precalculus	5	MAT275 Pre-Calculus	5
MAT2160 Calculus for Business & Economics	5	MAT275 Pre-Calculus	5
MAT2170 Business Statistics I	4	MAT273 Applied Statistics I	4
MAT2180 Business Statistics II	3	MAT373 Applied Statistics II	3
MAT2270 Calculus & Analytic Geometry I	5	MAT281 Calculus I	5
MAT2280 Calculus & Analytic Geometry II	5	MAT200 Mathematics Elective	5
MAT2290 Calculus & Analytic Geometry III	5	MAT200 Mathematics Elective	5
MAT2297 Special Topics	.5-9	OE 200 Open Elective	N/A
MAT2310 Elementary Differential Equations	4	MAT200 Mathematics Elective	4
MAT2320 Linear Algebra	3	MAT200 Mathematics Elective	3
MAT2330 Differential Equations & Linear Algebra	5	MAT200 Mathematics Elective	5
MAT2570 Discrete Mathematics	4	MAT200 Mathematics Elective	4

MECHANICAL ENGINEERING (MEE)

MEE2101 Statics for Engineers	3	OE 200 Open Elective	3
MEE2201 Thermodynamics for Engineers	3	OE 200 Open Elective	3
MEE2297 Special Topics	.5-9	OE 200 Open Elective	N/A
MEE2301 Strength of Materials for Engineers	3	OE 200 Open Elective	3
MEE2401 Dynamics for Engineers	3	OE 200 Open Elective	3

MECHANICAL ENGINEERING TECHNOLOGY (MET)

MET1101 Introduction to Engineering Drafting	2	OE 100 Open Elective	2
MET1111 Preparatory Math for Engineering Techn	3	OE 100 Open Elective	3
MET1131 Personal ComputAppl for Engineering Tech	1	OE 100 Open Elective	1
MET1151 Guitar Manufact using (STEM) Concepts	3	OE 100 Open Elective	3
MET1161 Adv Analytical Tools for Engineering Techn	1	OE 100 Open Elective	1
MET1201 Intro to Engineering Design Using Inventor	3	OE 100 Open Elective	3
MET1241 Principles of Engineering	2	OE 100 Open Elective	2
MET1281 Engineering Design & Development	2	OE 100 Open Elective	2
MET1301 SoildWorks Basics	3	OE 100 Open Elective	3
MET1331 NX (Unigraphics) Basics	3	OE 100 Open Elective	3
MET1351 Solid Edge Basics	3	OE 100 Open Elective	3
MET1371 CAD Concepts using AutoCAD	3	OE 100 Open Elective	3
MET2101 Thermodynamics	3	OE 200 Open Elective	3
MET2151 Material Science	3	OE 200 Open Elective	3
MET2201 Statics	3	OE 200 Open Elective	3
MET2251 Strength of Materials	3	OE 200 Open Elective	3
MET2297 Special Topics	.5-9	OE 200 Open Elective	N/A
MET2301 Fluid Mechanics	3	OE 200 Open Elective	3
MET2351 Dynamics	3	OE 200 Open Elective	3
MET2401 Machine Design	3	OE 200 Open Elective	3
MET2700 Mechanical Eng Technology Internship	1-4	OE 200 Open Elective	N/A

MET2711 Ethics for Eng Technology Professionals	1	OE 200 Open Elective	1
MET2780 Mechanical Engineering Techn Capstone	4	OE 200 Open Elective	4

MENTAL HEALTH TECHNOLOGY (MHT)

MHT1101 Intro to Human Services & Behavioral Health	2	OE 100 Open Elective	2
MHT1130 Introduction to Addictive Illness	3	OE 100 Open Elective	3
MHT1155 Administration of Activity Programming I	4	OE 100 Open Elective	4
MHT1200 Social Casework	2	OE 100 Open Elective	2
MHT1201 Interviewing Skills	3	OE 100 Open Elective	3
MHT1203 Professional Documentation	1	OE 100 Open Elective	1
MHT1236 Asses & Diagnosis of Substance Use Disor	3	OE 100 Open Elective	3
MHT1256 Administration of Activity Programming II	4	OE 100 Open Elective	4
MHT2105 Psychosocial Methods	3	OE 200 Open Elective	3
MHT2111 Group Dynamics I	3	OE 200 Open Elective	3
MHT2112 Lab for Group Dynamics I	0	No Credit	*
MHT2121 Practicum I	5	OE 200 Open Elective	5
MHT2137 Treatment Techniq in Substan Use Disord	3	OE 200 Open Elective	3
MHT2138 Ethical Issues in Behavioral Healthcare	2	OE 200 Open Elective	2
MHT2211 Group Dynamics II	3	OE 200 Open Elective	3
MHT2212 Lab for Group Dynamics II	0	No Credit	*
MHT2222 Practicum II	5	OE 200 Open Elective	5
MHT2225 Residential Technician Practicum	3	OE 200 Open Elective	3
MHT2232 Community Support	2	OE 200 Open Elective	2
MHT2235 Family Dynamics of Addition	3	OE 200 Open Elective	3
MHT2239 Dual Diagnosis	2	OE 200 Open Elective	2
MHT2245 Mental Health & the Family	3	OE 200 Open Elective	3
MHT2250 Child & Adolescent Mental Health	3	OE 200 Open Elective	3
MHT2252 Issues in Behavioral Health	1-3	OE 200 Open Elective	N/A
MHT2145 Principles of Retailing	3	OE 200 Open Elective	3
MHT2220 Solutions Studio	3	OE 200 Open Elective	3
MHT2225 Sales Fundamentals	3	OE 200 Open Elective	3
MHT2297 Special Topics	.5-9	OE 200 Open Elective	N/A

MUSIC (MUS)

MUS1101 Introduction to Music	3	MUS101 Music Elective	3
MUS1102 Introduction to Aural Skills	3	MUS101 Music Elective	3
MUS1103 Sight-Singing for Singers	1	OE 100 Open Elective	1
MUS1109 Introduction to Music Education	2	MUS101 Music Elective	2
MUS1110 Music Technology for Music Majors	1	OE 100 Open Elective	1
MUS1111 Music Theory I	3	MUS101 Music Elective	3
MUS1112 Aural Skills I	1	MUS101 Music Elective	1
MUS1113 Music Theory II	3	MUS101 Music Elective	3
MUS1114 Aural Skills II	1	MUS101 Music Elective	1
MUS1115 Piano for Music Majors I	1	MUS101 Music Elective	1
MUS1116 Piano for Music Majors II	1	MUS101 Music Elective	1
MUS1117 Vocal Diction I	2	MUS101 Music Elective	2
MUS1118 Vocal Diction II	2	MUS101 Music Elective	2

MUS1119 Secondary Voice	1	MUS101 Music Elective	1
MUS1121 Music Appreciation	3	MUS223 Music Appreciation	3
MUS1122 History of Pop/Rock Music	3	MUS101 Music Elective	3
MUS1123 World Music	3	MUS101 Music Elective	3
MUS1131 Chorale	1	MUS101 Music Elective	1
MUS1133 Chamber Choir	1	MUS101 Music Elective	1
MUS1135 Women's Ensemble	1	MUS101 Music Elective	1
MUS1137 Men's Ensemble	1	MUS101 Music Elective	1
MUS1139 Contemporary Gospel Ensemble	1	MUS101 Music Elective	1
MUS1141 Wind Symphony	1	MUS101 Music Elective	1
MUS1143 Concert Band	1	MUS101 Music Elective	1
MUS1145 Classical Guitar Ensemble	1	MUS101 Music Elective	1
MUS1147 Jazz Ensemble	1	MUS101 Music Elective	1
MUS1149 Jazz Combo	1	MUS101 Music Elective	1
MUS1151 Concert Handbell Choir	1	MUS101 Music Elective	1
MUS1153 Piano Ensemble	1	MUS101 Music Elective	1
MUS1171 Piano Class	3	MUS101 Music Elective	3
MUS1172 Voice Class	3	MUS101 Music Elective	3
MUS1173 Guitar Class I	1	MUS101 Music Elective	1
MUS1174 Guitar Class II	1	MUS101 Music Elective	1
MUS1500 Applied Piano for Non-Majors	1	MUS101 Music Elective	1
MUS1501 Applied Voice for Non-Majors	1	MUS101 Music Elective	1
MUS1502 Applied Classical Guitar for Non-Majors	1	MUS101 Music Elective	1
MUS1503 Applied Flute for Non-Majors	1	MUS101 Music Elective	1
MUS1504 Applied Clarinet for Non-Majors	1	MUS101 Music Elective	1
MUS1505 Applied Saxophone for Non-Majors	1	MUS101 Music Elective	1
MUS1506 Applied Oboe for Non-Majors	1	MUS101 Music Elective	1
MUS1507 Applied Bassoon for Non-Majors	1	MUS101 Music Elective	1
MUS1508 Applied Trumpet for Non-Majors	1	MUS101 Music Elective	1
MUS1509 Applied Trombone for Non-Majors	1	MUS101 Music Elective	1
MUS1510 Applied French Horn for Non-Majors	1	MUS101 Music Elective	1
MUS1511 Applied Baritone Horn for Non-Majors	1	MUS101 Music Elective	1
MUS1512 Applied Tuba for Non-Majors	1	MUS101 Music Elective	1
MUS1513 Applied Violin for Non-Majors	1	MUS101 Music Elective	1
MUS1514 Applied Viola for Non-Majors	1	MUS101 Music Elective	1
MUS1515 Applied Cello for Non-Majors	1	MUS101 Music Elective	1
MUS1516 Applied String Bass for Non-Majors	1	MUS101 Music Elective	1
MUS1517 Applied Percussion for Non-Majors	1	MUS101 Music Elective	1
MUS1518 Applied Organ for Non-Majors	1	MUS101 Music Elective	1
MUS1519 Applied Harpsichord for Non-Majors	1	MUS101 Music Elective	1
MUS1520 Applied Popular Guitar For Non-Majors	1	MUS101 Music Elective	1
MUS1521 Applied Electric Bass for Non-Majors	1	MUS101 Music Elective	1
MUS1522 Applied Jazz Drumming for Non-Majors	1	MUS101 Music Elective	1
MUS1523 Applied Jazz Piano for Non-Majors	1	MUS101 Music Elective	1
MUS2111 Music Theory III	3	MUS101 Music Elective	3
MUS2112 Aural Skills III	1	MUS101 Music Elective	1
MUS2113 Music Theory IV	3	MUS101 Music Elective	3

MUS2114 Aural Skills IV	1	MUS101 Music Elective	1
MUS2115 Piano for Music Majors III	1	MUS101 Music Elective	1
MUS2116 Piano for Music Majors IV	1	MUS101 Music Elective	1
MUS2117 Survey of Musical Styles I	3	MUS101 Music Elective	3
MUS2118 Survey of Musical Styles II	3	MUS101 Music Elective	3
MUS2210 Conducting Fundamentals	2	MUS200 Music Elective	2
MUS2211 Handbell Choir Conducting	1	MUS200 Music Elective	1
MUS2240 Music Practicum	1	MUS200 Music Elective	1
MUS2251 Performance Class	1	MUS200 Music Elective	1
MUS2261 Applied Music Practicum	2	MUS200 Music Elective	2
MUS2297 Special Topics	.5-9	MUS200 Music Elective	N/A
MUS2500 Applied Piano for Majors I	2	MUS200 Music Elective	2
MUS2501 Applied Piano for Majors II	2	MUS200 Music Elective	2
MUS2502 Applied Voice for Majors I	2	MUS200 Music Elective	2
MUS2503 Applied Voice for Majors II	2	MUS200 Music Elective	2
MUS2504 Applied Classical Guitar for Majors I	2	MUS200 Music Elective	2
MUS2505 Applied Classical Guitar for Majors II	2	MUS200 Music Elective	2
MUS2506 Applied Flute for Majors I	2	MUS200 Music Elective	2
MUS2507 Applied Voice for Majors II	2	MUS200 Music Elective	2
MUS2508 Applied Clarinet for Majors I	2	MUS200 Music Elective	2
MUS2509 Applied Clarinet for Majors II	2	MUS200 Music Elective	2
MUS2510 Applied Saxophone for Majors II	2	MUS200 Music Elective	2
MUS2511 Applied Saxophone for Majors II	2	MUS200 Music Elective	2
MUS2512 Applied Oboe for Majors I	2	MUS200 Music Elective	2
MUS2513 Applied Oboe for Majors II	2	MUS200 Music Elective	2
MUS2514 Applied Bassoon for Majors I	2	MUS200 Music Elective	2
MUS2515 Applied Bassoon for Majors II	2	MUS200 Music Elective	2
MUS2516 Applied Trumpet for Majors I	2	MUS200 Music Elective	2
MUS2517 Applied Trumpet for Majors II	2	MUS200 Music Elective	2
MUS2518 Applied French Horn for Majors I	2	MUS200 Music Elective	2
MUS2519 Applied French Horn for Majors II	2	MUS200 Music Elective	2
MUS2520 Applied Baritone Horn for Majors I	2	MUS200 Music Elective	2
MUS2521 Applied Baritone Horn for Majors II	2	MUS200 Music Elective	2
MUS2522 Applied Trombone for Majors I	2	MUS200 Music Elective	2
MUS2523 Applied Trombone for Majors II	2	MUS200 Music Elective	2
MUS2524 Applied Tuba for Majors I	2	MUS200 Music Elective	2
MUS2525 Applied Tuba for Majors II	2	MUS200 Music Elective	2
MUS2526 Applied Violin for Majors I	2	MUS200 Music Elective	2
MUS2527 Applied Violin for Majors II	2	MUS200 Music Elective	2
MUS2528 Applied Violin for Majors I	2	MUS200 Music Elective	2
MUS2529 Applied Viola for Majors II	2	MUS200 Music Elective	2
MUS2530 Applied Cello for Majors I	2	MUS200 Music Elective	2
MUS2531 Applied Cello for Majors II	2	MUS200 Music Elective	2
MUS2532 Applied String Bass for Majors I	2	MUS200 Music Elective	2
MUS2533 Applied String Bass for Majors II	2	MUS200 Music Elective	2
MUS2534 Applied Percussion for Majors I	2	MUS200 Music Elective	2
MUS2535 Applied Percussion for Majors II	2	MUS200 Music Elective	2

MUS2536 Applied Organ for Majors I	2	MUS200 Music Elective	2
MUS2537 Applied Organ for Majors II	2	MUS200 Music Elective	2
MUS2538 Applied Harpsicord for Majors I	2	MUS200 Music Elective	2
MUS2539 Applied Harpsichord for Majors II	2	MUS200 Music Elective	2
MUS2600 General Ensemble	1	MUS200 Music Elective	1

NURSING (NSG)

NSG1100 Human Response Assessment	4	OE 100 Open Elective	4
NSG1101 Promot Healthy RespPsychomotor Interven	2	OE 100 Open Elective	2
NSG1102 Promot Healthy Resp to Physiological Stress	8	OE 100 Open Elective	8
NSG1111 Introduction to Nursing	1	OE 100 Open Elective	1
NSG1130 Transition to Registered Nursing	4	OE 100 Open Elective	4
NSG1131 Transition to Registered Nursing II	4	OE 100 Open Elective	4
NSG2200 Promot Healthy Respo to Specif Stressors I	4	OE 200 Open Elective	4
NSG2201 Promot Health Respo to Psychosocial Stress	3	OE 200 Open Elective	3
NSG2202 Promot Healthy Respo to Specific Stress II	4	OE 200 Open Elective	4
NSG2203 Promot Healthy Respo to Maternal/Child Stres:	5	OE 200 Open Elective	5
NSG2206 Integrated Care	4	OE 200 Open Elective	4
NSG2210 Role Transition	2	OE 200 Open Elective	2
NSG2211 Directed Nursing Practice	2	OE 200 Open Elective	2
NSG2297 Special Topics	.5-9	OE 200 Open Elective	N/A

OPERATIONS TECHNOLOGY (OPT)

OPT1100 Tooling & Machining Metrology	2	OE 100 Open Elective	2
OPT1101 Introduction to Operations	3	OE 100 Open Elective	3
OPT1101 Operat Work Measurement & Ergonomics	3	OE 100 Open Elective	3
OPT1112 World Class Quality Systems & Procedures	4	OE 100 Open Elective	4
OPT1113 Coordinate Measurement	3	OE 100 Open Elective	3
OPT1125 World Class Operations	3	OE 100 Open Elective	3
OPT1126 Supervision, Team Leadershi & Project Mgt	3	OE 100 Open Elective	3
OPT1130 Lean Operations	3	OE 100 Open Elective	3
OPT1136 Plastics & Composites	3	OE 100 Open Elective	3
OPT1198 Excel for Engineering Technology	1	OE 100 Open Elective	1
OPT2201 Statistical Process Control	3	OE 200 Open Elective	3
OPT2205 Manufacturing Processes	3	OE 200 Open Elective	3
OPT2206 Value Analysis	2	OE 200 Open Elective	2
OPT2207 Operations Systems Analysis	3	OE 200 Open Elective	3
OPT2208 Engineering Techn Economics&Cost Analysis	3	OE 200 Open Elective	3
OPT2211 Industrial Risk Management	2	OE 200 Open Elective	2
OPT2216 Facilities Planning	3	OE 200 Open Elective	3
OPT2221 Quality Assurance	3	OE 200 Open Elective	3
OPT2223 Quality Systems & Auditing	2	OE 200 Open Elective	2
OPT2225 Design&Process Failure Mode&Effects Analy	1	OE 200 Open Elective	1
OPT2240 Six Sigma: Green Belt	3	OE 200 Open Elective	3
OPT2251 Supply Chain Operations & Logistics	3	OE 200 Open Elective	3
OPT2267 Quality Certification Review	2	OE 200 Open Elective	2
OPT2270 Operations Technology Internship	1-4	OE 200 Open Elective	N/A

OPT2277 Operations Technology Project	3	OE 200 Open Elective	3
OPT2297 Special Topics	.5-9	OE 200 Open Elective	N/A
OPT2780 Operations Technology Capstone	3	OE 200 Open Elective	3

OCCUPATIONAL THERAPY ASSISTANT (OTA)

OTA1101 Intro to Occupational Therapy Assistant	2	OE 100 Open Elective	2
OTA1201 The Process of Development	2	OE 100 Open Elective	2
OTA1202 Functional Anatomy	3	OE 100 Open Elective	3
OTA1251 Development Lab	3	OE 100 Open Elective	3
OTA1261 Directed Practice I	3	OE 100 Open Elective	3
OTA1301 Disease Processes	2	OE 100 Open Elective	2
OTA1302 Cultural Competency	2	OE 100 Open Elective	2
OTA1351 Evaluation Techniques	3	OE 100 Open Elective	3
OTA1361 Directed Practice I	3	OE 100 Open Elective	3
OTA2297 Special Topics	.5-9	OE 200 Open Elective	N/A
OTA2401 Treatment Approaches	2	OE 200 Open Elective	2
OTA2451 Treatment Techniques I	3	OE 200 Open Elective	3
OTA2461 Clinical Practicum I	3	OE 200 Open Elective	3
OTA2501 Occupational Therapy Assistant Capstone	2	OE 200 Open Elective	2
OTA2551 Treatment Techniques II	2	OE 200 Open Elective	2
OTA2560 Clinical Affiliation I	2	OE 200 Open Elective	2
OTA2561 Clinical Issues I	1	OE 200 Open Elective	1
OTA2662 Clinical Affiliation II	2	OE 200 Open Elective	2
OTA2663 Clinical Issues II	1	OE 200 Open Elective	1

PARALEGAL (PAR)

PAR1101 Paralegal Principles	3	OE 100 Open Elective	3
PAR1102 Legal Technology	1	OE 100 Open Elective	1
PAR1103 Litigation	3	OE 100 Open Elective	3
PAR1201 Legal Research & Writing	3	OE 100 Open Elective	3
PAR1202 Advanced Legal Technology	1	OE 100 Open Elective	1
PAR1203 Advanced Litigation	3	OE 100 Open Elective	3
PAR1204 Real Estate Law	3	OE 100 Open Elective	3
PAR2297 Special Topics	.5-9	OE 200 Open Elective	N/A
PAR2301 Advanced Legal Research & Writing	3	OE 200 Open Elective	3
PAR2302 Family Law	3	OE 200 Open Elective	3
PAR2303 Probate Law	3	OE 200 Open Elective	3
PAR2304 Paralegal Ethics	3	OE 200 Open Elective	3
PAR2401 Paralegal Internship	3	OE 200 Open Elective	3
PAR2501 Juvenile Law	1	OE 200 Open Elective	1
PAR2502 Employment Discrimination	1	OE 200 Open Elective	1
PAR2503 Intellectual Property	1	OE 200 Open Elective	1
PAR2504 Bankruptcy Law	2	OE 200 Open Elective	2
PAR2505 Criminal Law	2	OE 200 Open Elective	2
PAR2506 Business Organizations	3	OE 200 Open Elective	3
PAR2507 Legal Interviewing Skills	1	OE 200 Open Elective	1
PAR2508 Appellate Procedure	1	OE 200 Open Elective	1

PAR2511 Online Legal Research	1	OE 200 Open Elective	1
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PHYSICAL EDUCATION (PED)

PED1101 Introduction to Swimming	1	OE 100 Open Elective	1
PED1102 Fitness Swimming	1	OE 100 Open Elective	1
PED1103 Beginning Scuba Diving	1	OE 100 Open Elective	1
PED1104 Advanced Scuba Diving	1	OE 100 Open Elective	1
PED1105 Lifeguard Training	3	OE 100 Open Elective	3
PED1106 Water Safety Instructor	3	OE 100 Open Elective	3
PED1107 Golf	1	OE 100 Open Elective	1
PED1109 Bowling	1	OE 100 Open Elective	1
PED1111 Volleyball	1	OE 100 Open Elective	1
PED1113 Basketball	1	OE 100 Open Elective	1
PED1115 Tennis I	1	OE 100 Open Elective	1
PED1116 Tennis II	1	OE 100 Open Elective	1
PED1117 Social Dance	1	OE 100 Open Elective	1
PED1119 Martial Arts	1	OE 100 Open Elective	1
PED1121 Fencing	1	OE 100 Open Elective	1
PED1201 Physical Fitness	1	OE 100 Open Elective	1
PED1203 Strength Training	1	OE 100 Open Elective	1
PED1205 Flexibility Fitness	1	OE 100 Open Elective	1
PED1207 Yoga	1	OE 100 Open Elective	1
PED1209 Pilates	1	OE 100 Open Elective	1
PED1211 Aquatic Exercise	1	OE 100 Open Elective	1
PED1213 Aerobic Conditioning	1	OE 100 Open Elective	1
PED1215 Group Strength Training	1	OE 100 Open Elective	1
PED1217 Fitness Walking & Conditioning	1	OE 100 Open Elective	1
PED1219 Tai Chi	1	OE 100 Open Elective	1
PED1221 Core Conditioning	1	OE 100 Open Elective	1
PED1223 Indoor Group Cycling	1	OE 100 Open Elective	1
PED2297 Special Topics	.5-9	OE 100 Open Elective	N/A

PHILOSOPHY (PHI)

PHI2204 Great Books: Philosophy	3	PHI112 Great Philosophers	3
PHI2205 Introduction to Philosophy	3	PHI110 The Art of Reasoning	3
PHI2206 Introduction to Ethics	3	PHI215 Ethics	3
PHI2207 Logic	3	PHI212 Symbolic Logic	3
PHI2297 Special Topics	.5-9	PHI200 Philosophy Elective	.5-9

PHYSICS (PHY)

PHY1100 Introduction to Physics	4	PHY100 Physics Elective	4
PHY1104 Sound, Light & Modern Physics	4	PHY100 Physics Elective	4
PHY1106 Physics for Technology	3	PHY100 Physics Elective	3
PHY1107 Lab for Physics for Technology	0	No Credit	*
PHY1110 Lab for Introduction to Physics	0	No Credit	*
PHY1119 Lab for Sound, Light & Modern Physics	0	No Credit	*
PHY1131 Technical Physics	3	PHY100 Physics Elective	3

PHY1141 College Physics I	4	PHY100 Physics Elective	4
PHY1142 College Physics II	4	PHY100 Physics Elective	4
PHY1161 Scientific Thought & Method	3	PHY100 Physics Elective	3
PHY2201 General Physics I	5	PHY211 General Physics I + PHY211L	3+1
PHY2202 General Physics II	5	PHY212 Physics II + PHY212L	3+1
PHY2207 Lab for General Physics I	0	No Credit	*
PHY2208 Lab for General Physics II	0	No Credit	*
PHY2210 Problem Solving in Physics with Matlab	2	PHY200 Physics Elective	2
PHY2211 Introduction to Computational Methods	3	PHY200 Physics Elective	3
PHY2212 Introduction to Modeling & Simulation	3	PHY200 Physics Elective	3
PHY2220 Introduction to Computational Physics	4	PHY200 Physics Elective	4
PHY2245 Concepts in Physics	4	PHY200 Physics Elective	4
PHY2297 Special Topics	.5-9	PHY200 Physics Elective	N/A

POLITICAL SCIENCE (PLS)

PLS1120 American Federal Government	3	POL101 Intro to the American Political Process	3
PLS1232 State & Local Government	3	POL100 Political Science Elective	3
PLS2200 Political Life, Systems & Issues	3	POL200 Political Science Elective	3
PLS2220 International Relations	3	POL200 Political Science Elective	3
PLS2297 Special Topics	.5-9	POL200 Political Science Elective	N/A
PLS2860 Model UN/International Issues	3	POL200 Political Science Elective	3

PRIOR LEARNING ASSESSMENT (PRL)

PRL1100 Prior Learning Portfolio Development	2	No Credit	*
PRL1130 ATS/AIS Degree Development	1	No Credit	*
PRL2700 Prior Learning Internship	1-6	No Credit	*
PRL2780 ATS/AIS Capstone	2	No Credit	*

PSYCHOLOGY (PSY)

PSY1100 General Psychology	3	PSY101 Introduction to Psychology	3
PSY1160 African American Psychology	3	PSY100 Psychology Elective	3
PSY2126 Stress Management	3	PSY200 Psychology Elective	3
PSY2180 Psychology of Gender	3	PSY200 Psychology Elective	3
PSY2200 Lifespan Human Development	3	PSY265 Lifespan Development	3
PSY2205 Child Development	3	PSY200 Psychology Elective	3
PSY2206 Adolescent & Adult Development	3	PSY200 Psychology Elective	3
PSY2214 Drugs & Behavior	3	PSY200 Psychology Elective	3
PSY2217 Abnormal Psychology	3	PSY362 Abnormal Behavior	3
PSY2218 Principles of Counseling	3	PSY360 Introduction to Counseling	3
PSY2220 Personality Psychology	3	PSY263 Theories of Personality	3
PSY2225 Social Psychology	3	SOC250 Social Psychology	3
PSY2228 Industrial Organizational Psychology	3	PSY325 Intro to Industrial/Organizational Psych	3
PSY2235 Behavioral Science Research Methods	3	PSY200 Psychology Elective	3
PSY2236 Behavioral Science Statistics	3	OE 200 Open Elective	3
PSY2242 Educational Psychology	3	EDU250 Educational Psychology	3
PSY2297 Special Topics	.5-9	PSY200 Psychology Elective	N/A

PHYSICAL THERAPIST ASSISTANT (PTA)

PTA1106 Introduction to Physical Therapy	1	OE 100 Open Elective	1
PTA1110 Professional Issues I	2	OE 100 Open Elective	2
PTA1112 Pathology for Physical Therapist Assistant	3	OE 100 Open Elective	3
PTA1116 Anatomy & Kinesiology	5	OE 100 Open Elective	5
PTA1124 Clinical Procedures I	3	OE 100 Open Elective	3
PTA1129 Therapeutic Exercise	4	OE 100 Open Elective	4
PTA1144 Therapeutic Foundations	3	OE 100 Open Elective	3
PTA2115 Professional Issues II	2	OE 200 Open Elective	2
PTA2211 Clinical Practicum I	2	OE 200 Open Elective	2
PTA2212 Clinical Practicum II	2	OE 200 Open Elective	2
PTA2221 Seminar for Clinical Practicum I	1	OE 200 Open Elective	1
PTA2222 Seminar for Clinical Practicum II	1	OE 200 Open Elective	1
PTA2226 Clinical Procedures II	2	OE 200 Open Elective	2
PTA2230 Neuromuscular Rehabilitation	4	OE 200 Open Elective	4
PTA2234 Practice Management	2	OE 200 Open Elective	2
PTA2238 Musculoskeletal Rehabilitation	2	OE 200 Open Elective	2
PTA2240 Clinical Procedures Review	1	OE 200 Open Elective	1
PTA2297 Special Topics	.5-9	OE 200 Open Elective	N/A

RADIOLOGIC TECHNOLOGY (RAT)

RAT1101 Introduction to Radiologic Technology	2	OE 100 Open Elective	2
RAT1111 Clinical Practicum I	1	OE 100 Open Elective	1
RAT1121 Radiographic Procedures I	5	OE 100 Open Elective	5
RAT1127 Lab for Radiographic Procedures I	0	No Credit	*
RAT1131 Patient Care in Radiologic Technology	4	OE 100 Open Elective	4
RAT1137 Lab for Patient Care in Radiologic Techn	0	No Credit	*
RAT1212 Clinical Practicum II	2	OE 100 Open Elective	2
RAT1222 Radiographic Procedures II	5	OE 100 Open Elective	5
RAT1228 Lab for Radiographic Procedures II	0	No Credit	*
RAT1241 Radiographic Sciences I	3	OE 100 Open Elective	3
RAT1247 Lab for Radiologic Sciences I	0	No Credit	*
RAT2297 Special Topics	.5-9	OE 200 Open Elective	N/A
RAT2413 Clinical Practicum III	3	OE 200 Open Elective	3
RAT2415 Radiographic Pathology	3	OE 200 Open Elective	3
RAT2423 Radiographic Procedures III	3	OE 200 Open Elective	3
RAT2442 Radiologic Sciences II	4	OE 200 Open Elective	4
RAT2448 Lab for Radiologic Sciences II	0	No Credit	*
RAT2514 Clinical Practicum IV	3	OE 200 Open Elective	3
RAT2526 Capstone in Radiologic Technology	4	OE 200 Open Elective	4
RAT2543 Radiologic Sciences III	2	OE 200 Open Elective	2
RAT2640 Computed Tomography Practicum	1-4	OE 200 Open Elective	N/A
RAT2641 Principles of Computed Tomography	2	OE 200 Open Elective	2
RAT2643 Principles of Magnetic Resonance Imaging	2	OE 200 Open Elective	2
RAT2644 Applic of Magnetic Resonance Imaging	2	OE 200 Open Elective	2
RAT2645 Magnetic Resonance Imaging Practicum	1-4	OE 200 Open Elective	N/A
RAT2647 Principles of Mammography	3	OE 200 Open Elective	3

RAT2649 Mammography Practicum	1-4	OE 200 Open Elective	N/A
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RELIGION (REL)

REL1111 Eastern Religions	3	CUL100 Cultural Studies Elective	3
REL1112 Western Religions	3	CUL100 Cultural Studies Elective	3
REL1135 American Religions Movements	3	CUL100 Cultural Studies Elective	3
REL2204 Great Books: The Bible & Western Culture	3	CUL200 Cultural Studies Elective	3
REL2255 People & Religion	3	CUL200 Cultural Studies Elective	3
REL2297 Special Topics	.5-9	CUL200 Cultural Studies Elective	N/A

REAL ESTATE (RES)

RES1100 Introduction to Real Estate	3	OE 100 Open Elective	3
RES1101 Real Estate Principles	3	OE 100 Open Elective	3
RES1102 Real Estate Abstracting	4	OE 100 Open Elective	4
RES1201 Real Estate Law	3	OE 100 Open Elective	3
RES1301 Real Estate Finance	1.5	OE 100 Open Elective	1.5
RES1302 Real Estate Investing	3	OE 100 Open Elective	3
RES1401 Real Estate Appraisal	1.5	OE 100 Open Elective	1.5
RES1402 Property Management	2	OE 100 Open Elective	2
RES2297 Special Topics	.5-9	OE 200 Open Elective	N/A
RES2401 Real Estate Capstone	2	OE 200 Open Elective	2

RESPIRATORY CARE (RET)

RET1100 Introduction to Respiratory Care	1	OE 100 Open Elective	1
RET1101 Respiratory Care Fundamentals I	5	OE 100 Open Elective	5
RET1102 Lab for Respiratory Care Fundamentals I	0	No Credit	*
RET1124 Cardiopulmonary Pharmacology	2	OE 100 Open Elective	2
RET1125 Respiratory Care Sciences	4	OE 100 Open Elective	4
RET1201 Respiratory Care Fundamentals II	5	OE 100 Open Elective	5
RET1202 Lab for Respiratory Care Fundamentals II	0	No Credit	*
RET1203 Respiratory Care Clinic I	3	OE 100 Open Elective	3
RET1205 Cardiopulmonary Disease Processes	3	OE 100 Open Elective	3
RET1301 Respiratory Care Fundamentals III	3	OE 100 Open Elective	3
RET1303 Respiratory Care Clinic II	1	OE 100 Open Elective	1
RET2101 Critical Care I	5	OE 200 Open Elective	5
RET2102 Lab for Critical Care I	0	No Credit	*
RET2103 Respiratory Care Clinic III	3	OE 200 Open Elective	3
RET2201 Critical Care II	4	OE 200 Open Elective	4
RET2202 Lab for Critical Care II	0	No Credit	*
RET2203 Respiratory Care Clinic IV	2	OE 200 Open Elective	2
RET2204 Respiratory Care Clinic V	1	OE 200 Open Elective	1
RET2220 Respiratory Care Emergency Preparedness	3	OE 200 Open Elective	3
RET2222 Lab for Respiratory Care Emerg Preparedness	0	No Credit	*
RET2250 Pediatrics & Neonatology	2	OE 200 Open Elective	2
RET2297 Special Topics	.5-9	OE 200 Open Elective	N/A

RUSSIAN (RUS)

RUS1100 Conversational Russian I	3	OE 100 Open Elective	3
RUS1105 Conversational Russian II	3	OE 100 Open Elective	3
RUS2297 Special Topics	.5-9	OE 200 Open Elective	N/A

SINCLAIR STUDENT SUCCESS EXPERIENCE (SCC)

SCC1101 First Year Experience	1	No Credit	*
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SOCIOLOGY (SOC)

SOC1101 Introduction to Sociology	3	SOC101 Principles of Sociology	3
SOC1108 Appalachian Families	3	SOC100 Sociology Elective	3
SOC1115 Sociology of Marriage & Family	3	SOC100 Sociology Elective	3
SOC1117 Popular Culture	3	CUL100 Cultural Studies Elective	3
SOC1129 Sociological Aspects of Deafness	3	SOC100 Sociology Elective	3
SOC1145 Introduction to Cultural Anthropology	3	CUL100 Cultural Studies Elective	3
SOC1160 Sociology of Aging	3	SOC100 Sociology Elective	3
SOC1216 Sociology of Human Sexuality	3	SOC100 Sociology Elective	3
SOC1219 Global Poverty	3	SOC100 Sociology Elective	3
SOC2130 Sociology of Family Violence	3	SOC100 Sociology Elective	3
SOC2205 Social Problems	3	SOC200 Sociology Elective	3
SOC2208 Sociology of American Cities	3	SOC200 Sociology Elective	3
SOC2214 Applied Population Demography	3	SOC200 Sociology Elective	3
SOC2215 Race & Ethnicity	3	SOC200 Sociology Elective	3
SOC2226 Criminology	3	ENF293 Criminology	3
SOC2297 Special Topics	.5-9	SOC200 Sociology Elective	N/A

SPANISH (SPA)

SPA1100 Conversational Spanish I	3	SPA100 Spanish Elective	3
SPA1101 Elementary Spanish I	4	SPA101 Elementary Spanish I	4
SPA1102 Elementary Spanish II	4	SPA102 Elementary Spanish II	4
SPA1161 Conversational Spanish for Criminal Justice	3	SPA100 Spanish Elective	3
SPA2201 Intermediate Spanish I	3	SPA201 Intermediate Spanish I	3
SPA2202 Intermediate Spanish II	3	SPA200 Spanish Elective	3
SPA2297 Special Topics	.5-9	SPA200 Spanish Elective	N/A

SURGICAL TECHNOLOGY (SUT)

SUT1101 Tissue Banking I	4	OE 100 Open Elective	4
SUT1107 Lab for Tissue Banking I	1	OE 100 Open Elective	1
SUT1110 Theory & Fundamentals	5	OE 100 Open Elective	5
SUT1117 Laboratory for Theory & Fundamentals	1	OE 100 Open Elective	1
SUT1120 The Surgical Process	2	OE 100 Open Elective	2
SUT1127 Directed Practice for the Surgical Process	4	OE 100 Open Elective	4
SUT2101 Tissue Banking II	2	OE 200 Open Elective	2
SUT2107 Practicum for Tissue Banking II	2	OE 200 Open Elective	2
SUT2110 Surgical Procedures I	2	OE 200 Open Elective	2
SUT2117 Directed Practice for Surgical Procedures I	4	OE 200 Open Elective	4
SUT2120 Surgical Procedures II	5	OE 200 Open Elective	5
SUT2127 Directed Practice Surgical Procedures II	4	OE 200 Open Elective	4

SUT2200 Surgical Procedures III	5	OE 200 Open Elective	5
SUT2207 Directed Practice for Surgical Procedures III	4	OE 200 Open Elective	4
SUT2297 Special Topics	.5-9	OE 200 Open Elective	N/A

THEATRE (THE)

THE1101 Theatre Appreciation	3	THR222 Introduction to Theatre	3
THE1103 Acting For The Non-Major	3	THR250 The Art of Acting	3
THE1105 Introduction to Theatre	3	THR100 Theatre Elective	3
THE1106 Stagecraft	2	THR261 Elements of Theatre	3
THE1107 Lab for Stagecraft	1	OE 100 Open Elective	1
THE1111 Acting I	3	THR100 Theatre Elective	3
THE1116 Stage Lighting Fundamentals	2	THR100 Theatre Elective	2
THE1117 Lab for State Lighting Fundamentals	1	OE 100 Open Elective	1
THE1118 Costume Fundamentals	2	THR100 Theatre Elective	2
THE1119 Lab for Costume Fundamentals	1	OE 100 Open Elective	1
THE1120 State Make-up	2	THR100 Theatre Elective	2
THE1194 Applied Theater Technology I	1	OE 100 Open Elective	1
THE1196 Applied Theatre Technology II	1	OE 100 Open Elective	1
THE1198 Applied Theatre Technology III	1	OE 100 Open Elective	1
THE1199 Applied Theatre Performance	1	OE 100 Open Elective	1
THE1213 The Audition Process	3	THR100 Theatre Elective	3
THE2114 Voice & Movement for the Actor	3	THR200 Theatre Elective	3
THE2201 History of Theatre I	3	THR200 Theatre Elective	3
THE2202 History of Theatre II	3	THR200 Theatre Elective	3
THE2206 Script Analysis	3	THR200 Theatre Elective	3
THE2214 Introduction To Stage Combat	3	THR200 Theatre Elective	3
THE2215 Acting Shakespeare	3	THR200 Theatre Elective	3
THE2216 Acting II	3	THR200 Theatre Elective	3
THE2220 Theatre Portfolio	2	THR200 Theatre Elective	2
THE2240 Stage Management	3	THR200 Theatre Elective	3
THE2255 Theatre Workshop	1-3	THR200 Theatre Elective	N/A
THE2270 Theatre Internship	1-4	THR200 Theatre Elective	N/A
THE2296 Applied Theatre Technology IV	1-3	THR200 Theatre Elective	N/A
THE2297 Special Topics	.5-9	THR200 Theatre Elective	N/A
THE2298 Applied Theatre Technology V	1-3	THR200 Theatre Elective	N/A
THE2299 Theatre Practicum: Performance	1-3	THR200 Theatre Elective	N/A

VETERINARY TECHNOLOGY (VET)

VET1100 Introduction to Animal Sciences	1	OE 100 Open Elective	1
VET1101 Introduction to Vet Tech I	2	OE 100 Open Elective	2
VET1201 Introduction to Vet Tech II	2	OE 100 Open Elective	2
VET2100 Veterinary Technology I	8	OE 200 Open Elective	8
VET2101 Veterinary Technology II	6	OE 200 Open Elective	6
VET2107 Technical Practicum I	2	OE 200 Open Elective	2
VET2200 Veterinary Technology III	8	OE 200 Open Elective	8
VET2201 Surgical Principles II	4	OE 200 Open Elective	4
VET2207 Technical Practicum II	2	OE 200 Open Elective	2

VET2297 Special Topics	.5-9	OE 200 Open Elective	N/A
VET2300 Preceptorship	2	OE 200 Open Elective	2

VISUAL COMMUNICATION (VIS)

VIS1100 Design Basics	4	OE 100 Open Elective	4
VIS1110 Design Drawing	4	OE 100 Open Elective	4
VIS1140 Design Processes I	4	OE 100 Open Elective	4
VIS1180 History of Design	3	OE 100 Open Elective	3
VIS1208 Typography	4	OE 100 Open Elective	4
VIS1218 Design Processes II	4	OE 100 Open Elective	4
VIS1250 Print Production	4	OE 100 Open Elective	4
VIS2110 Design Principles	4	OE 200 Open Elective	4
VIS2120 Design Applications I	4	OE 200 Open Elective	4
VIS2160 Design Applications II	4	OE 200 Open Elective	4
VIS2260 Visual Communications Portfolio	4	OE 200 Open Elective	4
VIS2270 Design Internship	1-3	OE 200 Open Elective	N/A
VIS2297 Special Topics	.5-9	OE 200 Open Elective	N/A