

BASED ON THE 2023-2024 CUYAHOGA COMMUNITY COLLEGE CATALOG			
AND THE 2023-2024 TIFFIN UNIVERSITY ACADEMIC BULLETIN			
Cuyahoga Community College Course Equivalence			
CUYAHOGA COMMUNITY COLLEGE		TIFFIN UNIVERSITY	
	Sem. Hrs.		Sem. Hrs.
<b>Accounting (ACCT)</b>			
ACCT1011 Business Math Applications	3	ACC100 Accounting Elective	3
ACCT1020 Applied Accounting	3	ACC100 Accounting Elective	3
ACCT1030 Payroll	3	ACC100 Accounting Elective	3
ACCT1041 Individual Taxation	4	ACC100 Accounting Elective	4
ACCT1311 Financial Accounting	3	ACC210 Financial Accounting	3
ACCT1341 Managerial Accounting	3	ACC228 Managerial Accounting	3
ACCT1520 QuickBooks Immersion	2	ACC100 Accounting Elective	2
ACCT1551 Excel for Accountants	2	CST100 Computer Science Elective	3
ACCT1820 Independent Study/Research in Accounting	1-3	OE 100 Open Elective or ACC100 Accounting Elective	1-3
ACCT2041 Business Taxation	4	ACC200 Accounting Elective	4
ACCT2310 Intermed Accounting I	4	ACC200 Accounting Elective	4
ACCT2320 Intermediate Accounting II	4	ACC200 Accounting Elective	4
ACCT2340 Cost Accounting	4	ACC200 Accounting Elective	4
ACCT2500 Governmental/Non-Profit Acctg	4	ACC200 Accounting Elective	4
ACCT2510 Auditing	4	ACC200 Accounting Elective	4
ACCT2530 CPA Review- Auditing and Attestation (AUD)	2	ACC200 Accounting Elective	2
ACCT2540 CPA Review- Business Environment and Concepts (BEC)	2	ACC200 Accounting Elective	2
ACCT2550 CPA Review - Financial Accounting & Reporting (FAR)	2	ACC200 Accounting Elective	2
ACCT2560 CAP Review - Regulation (REG)	2	ACC200 Accounting Elective	2
ACCT2812 Special Topics: Introduction to Investment	2	ACC200 Accounting Elective	2
ACCT2820 Independent Advanced Study/Research in Accounting	1-3	ACC200 Accounting Elective	1-3
ACCT 2830 Cooperative Field Experience	1-3	ACC200 Accounting Elective	1-3
<b>Applied Industrial Technology (AIT)</b>			
AIT1010 Construction Measurements & Calculations	4	OE 100 Open Elective	4
AIT1020 Comprehension&Communication for Construction	2	OE 100 Open Elective	2
AIT1030 Basic Construction Language	2	OE 100 Open Elective	2
AIT1040 Spatial & Mechanical Reasoning	1	OE 100 Open Elective	1
AIT1050 Construction Industry Orientation	3	OE 100 Open Elective	3
AIT1060 Construction Tools	2	OE 100 Open Elective	2
AIT1120 Building Construction Trades Lab	3	OE 100 Open Elective	3
AIT2990 Contracting in a Diverse World	3	OE 200 Open Elective	3
<b>Anthropology (ANTH)</b>			
ANTH1010 Cultural Anthropology	3	CUL100 Cultural Studies Elective	3
ANTH1210 Human Evolution	4	CUL100 Cultural Studies Elective	4
ANTH179H Honors Contract in Anthropology	1	OE 100 Open Elective	1
ANTH1820 Independent Study/Research in Anthropology	1-3	OE 100 Open Elective	1-3
ANTH182H Honors Independent Study/Research in Anthropology	1-3	OE 100 Open Elective	1-3
ANTH2010 Peoples & Cultures of World	3	CUL200 Cultural Studies Elective	3

ANTH2030 Archaeological Field Methods	4	OE 200 Open Elective	4
ANTH2110 Archaeology	3	OE 200 Open Elective	3
ANTH279H Sophomore Honors Contract	1	OE 200 Open Elective	1
ANTH2820 Independent Adv Study/Research in Anthropology	1-3	OE 200 Open Elective	1-3
ANTH282H Adv Honors Indep Study/Research in Anthropology	1-3	OE 200 Open Elective	1-3
<b>Art (ART)</b>			
ART1010 Art Appreciation	3	ART210 Art Appreciation	3
ART1040 Survey of Non-Western Art	3	ART100 Art Elective	3
ART1050 Drawing I	3	ART100 Art Elective	3
ART1060 Drawing II	3	ART100 Art Elective	3
ART1070 3D Foundations	3	ART130 3-Dimensional Foundations	3
ART1081 2D Design and Color	3	ART100 Art Elective	3
ART1100 Sculpture I	3	ART100 Art Elective	3
ART1600 Introduction to Art Therapy	3	ART100 Art Elective	3
ART1610 Art Therapy II: Methods and Media	3	ART100 Art Elective	3
ART1700 Ceramics I	3	ART100 Art Elective	3
ART179H Honors Contract in Art	1	OE 100 Open Elective	1
ART1816 Special Topics: Art Therapy Study Aboard-Beginner Level	3	ART100 Art Elective	3
ART1820 Independent Study/Research in Art	1-3	OE 100 Open Elective or ART100 Art Elective	1-3
ART182H Honors Independent Study in Art	1-3	OE 100 Open Elective or ART100 Art Elective	1-3
ART182S Independent Laboratory Study/Research	1-3	OE 100 Open Elective or ART100 Art Elective	1-3
ART182T Independent Laboratory Study/Research	1-3	OE 100 Open Elective or ART100 Art Elective	1-3
ART2000 Life Drawing I	3	ART200 Art Elective	3
ART2010 Life Drawing II	3	ART200 Art Elective	3
ART2020 Art History Survey: Prehistoric to Renaissance	3	ART200 Art Elective	3
ART202H Honors Art History Survey: Prehistoric to Renaissance	3	ART200 Art Elective	3
ART2030 Art History Survey: Late Renaissance to Present	3	ART200 Art Elective	3
ART203H Honors Art History Survey: Late Renaissance to Present	3	ART200 Art Elective	3
ART2050 Painting I	3	ART200 Art Elective	3
ART2060 Painting II	3	ART200 Art Elective	3
ART2070 Watercolor	3	ART200 Art Elective	3
ART2080 Portrait Drawing and Painting	3	ART200 Art Elective	3
ART2152 2D Animation	3	ART200 Art Elective	3
ART2180 Sculpture II	3	ART200 Art Elective	3
ART2190 Ceramics II	3	ART200 Art Elective	3
ART2200 Ceramics: Advanced Handbuilding	3	ART200 Art Elective	3
ART2210 Printmaking I	3	ART200 Art Elective	3
ART2220 Printmaking II	3	ART200 Art Elective	3
ART2300 Art Therapy III: Approaches & Technique	3	ART200 Art Elective	3
ART2310 Art Therapy Studio: Basic Therapeutic Skills	3	ART200 Art Elective	3
ART2790 Portfolio Development	1	OE 200 Open Elective	1
ART279H Sophomore Honors Contract in Art	1	OE 200 Open Elective	1
ART2814 Special Topics in Advanced Handbuilding	3	ART200 Art Elective	3
ART2820 Independent Advanced Study/Research in Art	1-3	OE 200 Open Elective or ART200 Art Elective	1-3
ART282H Advanced Honors Independent Study in Art	1-3	OE 200 Open Elective or ART200 Art Elective	1-3
ART282S Independent Adv Laboratory Study/Research in Art	1-3	OE 200 Open Elective or ART200 Art Elective	1-3

ART282T Independent Adv Laboratory Study/Research in Art	1-3	OE 200 Open Elective or ART200 Art Elective	1-3
<b>American Sign Language (ASL)</b>			
ASL1001 Fingerspelling	2	OE 100 Open Elective	2
ASL1010 Beginning American Sign Language I	4	OE 100 Open Elective	4
ASL1020 Beginning American Sign Language II	4	OE 100 Open Elective	4
ASL1100 Deaf Culture	3	OE 100 Open Elective	3
ASL1820 Independent Study/Research in American Sign Language	1-3	OE 100 Open Elective	1-3
ASL182H Honors Indep Study/Research in American Sign Language	1-3	OE 100 Open Elective	1-3
ASL2010 Intermediate American Sign Language I	4	OE 200 Open Elective	4
ASL2020 Intermediate American Sign Language II	4	OE 200 Open Elective	4
ASL2412 Advanced American Sign Language I	4	OE 200 Open Elective	4
ASL2820 Adv Independent Study/Research in American Sign Lang	1-3	OE 200 Open Elective	1-3
ASL282H Adv Honors Indep Study/Research in Amer Sign Lang	1-3	OE 200 Open Elective	1-3
<b>Applied Industrial Technology(Cement Masonry) (ATCM)</b>			
ATCM1300 Fundamentals of Concrete Construction	2	OE 100 Open Elective	2
ATCM1321 Introduction to Plan Reading	1	OE 100 Open Elective	1
ATCM1330 Concrete Construction Equipment	2	OE 100 Open Elective	2
ATCM1341 OSHA Standards for Construction	2	OE 100 Open Elective	3
ATCM1370 Construction Trades Safety	1	OE 100 Open Elective	1
ATCM1401 Concrete Forming and Finishing Basic	2	OE 100 Open Elective	2
ATCM1411 Commercial and Residential Form and Finish	2	OE 100 Open Elective	2
ATCM1801 Special Topics: ADA Compliance in Concrete Industry	1	OE 100 Open Elective	1
ATCM1802 Special Topics in Cement Masons ICRA/1st Aid	1	OE 100 Open Elective	1
ATCM1806 Special Topics in Cement Mason Concrete Polishing	2	OE 100 Open Elective	2
ATCM2320 Blueprint Fundamentals-Construction	2	OE 200 Open Elective	2
ATCM2500 Fundamentals of Concrete Curing	1	OE 200 Open Elective	1
ATCM2510 Fundamentals of Concrete Joints	1	OE 200 Open Elective	1
ATCM2521 Basic Cement Patching	1	OE 200 Open Elective	1
ATCM2531 Concrete Restoration	1	OE 200 Open Elective	1
ATCM2701 Advanced Concrete Finishing	2	OE 200 Open Elective	2
ATCM2710 Concrete Specialty Products	1	OE 200 Open Elective	1
ATCM2720 Trimble Robotic Total Station Certified Oper Course	3	OE 200 Open Elective	3
<b>Applied Industrial Technology (Carpentry) (ATCT)</b>			
ATCT1301 Introduction to Carpentry	2	OE 100 Open Elective	2
ATCT1310 Carpentry Safety	2	OE 100 Open Elective	2
ATCT1320 Introduction to Hand&Power Tools	2	OE 100 Open Elective	2
ATCT1331 Concrete Footers and Walls	2	OE 100 Open Elective	2
ATCT1340 (ICRA) Best Practices in Health Care Construction	1	OE 100 Open Elective	1
ATCT1351 Metal Studs and Dry Walls	2	OE 100 Open Elective	2
ATCT1360 Scaffolding	2	OE 100 Open Elective	2
ATCT1370 Layout	2	OE 100 Open Elective	2
ATCT1381 Wood Framing	2	OE 100 Open Elective	2
ATCT1390 Welding for Carpentry	2	OE 100 Open Elective	2
ATCT1491 Residential Steel Framing	2	OE 100 Open Elective	2

ATCT1550 Roof Framing I	2	OE 100 Open Elective	2
ATCT1610 Interior Finish	2	OE 100 Open Elective	2
ATCT1710 Stairs Layout	2	OE 100 Open Elective	2
ATCT1808 Special Topics in Total Station I	2	OE 100 Open Elective	2
ATCT2220 Roof Framing II	2	OE 200 Open Elective	2
ATCT2330 Trade Show	2	OE 200 Open Elective	2
ATCT2341 Concrete Specialties	2	OE 200 Open Elective	2
ATCT2361 Suspended Ceilings	2	OE 200 Open Elective	2
ATCT2370 Interior Systems Layout	2	OE 200 Open Elective	2
ATCT2380 Advanced Stairs	2	OE 200 Open Elective	2
ATCT2390 Trussed Roofs	2	OE 200 Open Elective	2
ATCT2500 Exterior Finish	2	OE 200 Open Elective	2
ATCT2511 Concrete Columns and Decks	2	OE 200 Open Elective	2
ATCT2520 Stairs Installation	2	OE 200 Open Elective	2
ATCT2540 Roof Framing III	2	OE 200 Open Elective	2
ATCT2560 Interior Systems III	2	OE 200 Open Elective	2
<b>Applied Industrial Technology(Communication Transport Systems) (ATCW)</b>			
ATCW1010 Worker Safety for Communication Transport	2	OE 100 Open Elective	2
ATCW1020 Communication Worker History	2	OE 100 Open Elective	2
ATCW1040 Basic Information Systems	2	OE 100 Open Elective	2
ATCW1060 Fire Stop and Overhead Safety	1	OE 100 Open Elective	1
ATCW1210 Introduction to Information Transport - Copper	2	OE 100 Open Elective	2
ATCW1230 Standards and Measurements	2	OE 100 Open Elective	2
ATCW1250 Infrastructure Layout	2	OE 100 Open Elective	2
ATCW1270 Grounding and Bonding	1	OE 100 Open Elective	1
ATCW2010 Information Transport-Fiber	2	OE 200 Open Elective	2
ATCW2030 Data Theory	1	OE 200 Open Elective	1
ATCW2050 Audio Visual	1	OE 200 Open Elective	1
ATCW2070 Information Transport Circuits	1	OE 200 Open Elective	1
ATCW2120 Advanced Systems Transport	2	OE 200 Open Elective	2
<b>Applied Industrial Technology (Drywall Finishing) (ATDW)</b>			
ATDW1310 Tools & Methods of Drywall Finishing	2	OE 100 Open Elective	2
ATDW1330 Materials and Methods of Drywall	2	OE 100 Open Elective	2
ATDW1620 Taping Tools and Procedures	2	OE 100 Open Elective	2
ATDW2310 Automatic Taping Tools	2	OE 200 Open Elective	2
ATDW2330 Finishing Boxes	2	OE 200 Open Elective	2
ATDW2340 Texturing	2	OE 200 Open Elective	2
ATDW2350 Filling Compounds and Procedures	2	OE 200 Open Elective	2
<b>Applied Industrial Technology (Floorlaying) (ATFL)</b>			
ATFL1300 Residential Installation	2	OE 100 Open Elective	2
ATFL1450 Floorlaying Concepts	2	OE 100 Open Elective	2
ATFL1600 Modular Tile	2	OE 100 Open Elective	2
ATFL1610 Jute and Action Back Carpeting	2	OE 100 Open Elective	2

ATFL1620 Ceramics I	2	OE 100 Open Elective	2
ATFL1630 Wood Flooring I	2	OE 100 Open Elective	2
ATFL1640 Sheet Goods Concepts	2	OE 100 Open Elective	2
ATFL1650 Sheet Goods- Flash Coving	2	OE 100 Open Elective	2
ATFL1710 Velcro and Modular Carpeting	2	OE 100 Open Elective	2
ATFL1720 Sheet Goods- Geometric Layout & Inlay	2	OE 100 Open Elective	2
ATFL1730 Unitary Back & Enhancer Back Carpeting	2	OE 100 Open Elective	2
ATFL1801 Special Topics: Intro to the Floor Covering Industry	2	OE 100 Open Elective	2
ATFL1808 Special Topics in Introduction to Hard Tile	2	OE 100 Open Elective	2
ATFL2300 Ceramics II	2	OE 200 Open Elective	2
ATFL2320 Wood Flooring II	2	OE 200 Open Elective	2
ATFL2400 Sheet Goods-Specialty Products	2	OE 200 Open Elective	2
ATFL2430 Woven & Axminster Carpeting	2	OE 200 Open Elective	2
<b>Applied Industrial Technology (Glazing) (ATGL)</b>			
ATGL1330 Hand Tools for Glaziers	2	OE 100 Open Elective	2
ATGL1340 Rigging for Glaziers		OE 100 Open Elective	
ATGL1350 Drill Bits, Taps and Fasteners	1	OE 100 Open Elective	1
ATGL1360 Introduction to Architectural and Shop Drawings	1	OE 100 Open Elective	1
ATGL1620 Glass & Mirror Replacement & Installation	2	OE 100 Open Elective	2
ATGL1630 Basic Welding	2	OE 100 Open Elective	2
ATGL1640 Door Fabrication & Installation	2	OE 100 Open Elective	2
ATGL1801 Special Topics in Rigging for Glaziers	1	OE 100 Open Elective	1
ATGL1802 Special Topics in Drill Bits, Taps, and Fasteners	1	OE 100 Open Elective	1
ATGL1803 Special Topics: Introduction to Arch and Shop Drawings	1	OE 100 Open Elective	1
ATGL1807 Special Topics in Storefronts	2	OE 100 Open Elective	2
ATGL2330 Transits, Leveling, Instruments & Lasers	2	OE 200 Open Elective	2
ATGL2340 Advanced Welding	2	OE 200 Open Elective	2
ATGL2350 Curtainwall Fabrication & Installation	2	OE 200 Open Elective	2
ATGL2370 Sealants	2	OE 200 Open Elective	2
ATGL2400 Advanced Rigging and Hoisting	2	OE 200 Open Elective	2
ATGL2815 Special Topics: Glazier Welding: 3G	4	OE 200 Open Elective	4
<b>Applied Industrial Technology (Ironworking) (ATIW)</b>			
ATIW1300 Structural Steel Concepts	2	OE 100 Open Elective	2
ATIW1310 Safety for Ironworkers	1	OE 100 Open Elective	1
ATIW1320 Steel Construction Procedures	1	OE 100 Open Elective	1
ATIW1330 Erection Concepts & Practices	3	OE 100 Open Elective	3
ATIW1400 Principles of Reinforcing Steel	2	OE 100 Open Elective	2
ATIW1410 Practical Applications of Reinforcing Steel	1	OE 100 Open Elective	1
ATIW1600 Welding Fundamentals for Ironworkers	3	OE 100 Open Elective	3
ATIW1806 Special Topics in Unbonded Post Tensioning	2	OE 100 Open Elective	2
ATIW2300 Shielded Metal Arc Welding	3	OE 200 Open Elective	3
ATIW2310 Welding Specialties	3	OE 200 Open Elective	3
ATIW2320 Welding Blueprints & Design	3	OE 200 Open Elective	3
ATIW2330 Pre-Construction Planning of Specialty Appl	2	OE 200 Open Elective	2
ATIW2340 Specialty Installation Equipment	2	OE 200 Open Elective	2

ATIW2350 Ornamental Systems and Railing	2	OE 200 Open Elective	2
ATIW2360 Ornamental Applications	2	OE 200 Open Elective	2
ATIW2400 History on the Iron Workers Union	3	OE 200 Open Elective	3
ATIW2500 Rigging and Hoisting	3	OE 200 Open Elective	3
<b>Applied Industrial Techn(Construction Tending&amp;Hazard Mat Abate) (ATLB)</b>			
ATLB1010 Craft Orientation for Laborers	1	OE 100 Open Elective	1
ATLB1020 Measurements and Leveling	2	OE 100 Open Elective	2
ATLB1030 Laborers: Introduction to Transits	2	OE 100 Open Elective	2
ATLB1040 Pipelaying	2	OE 100 Open Elective	2
ATLB1050 Aerial Lift and Forklift Refresher	1	OE 100 Open Elective	1
ATLB1060 Field Rigging Practices	1	OE 100 Open Elective	1
ATLB1070 Grade Laser	2	OE 100 Open Elective	2
ATLB1080 Building Drawings for Laborers	2	OE 100 Open Elective	2
ATLB1090 Cutting and Burning	2	OE 100 Open Elective	2
ATLB1210 Concrete Placement	2	OE 100 Open Elective	2
ATLB1220 Traffic Control	2	OE 100 Open Elective	2
ATLB1230 Radiation Worker	1	OE 100 Open Elective	1
ATLB1240 Work Zone Traffic Technician	2	OE 100 Open Elective	2
ATLB1250 Asbestos Abatement Worker	2	OE 100 Open Elective	2
ATLB1260 ICRA for Laborers	2	OE 100 Open Elective	2
ATLB1340 Mason Tending	3	OE 100 Open Elective	3
ATLB1350 Storm, Sanitary and Water Drawings	2	OE 100 Open Elective	2
ATLB1360 Laborer Safety OSHA 30	2	OE 100 Open Elective	2
ATLB1370 Laborers Safety Training Transport	1	OE 100 Open Elective	1
ATLB1380 Laborers: Confined Space	1	OE 100 Open Elective	1
ATLB1390 Mason Tending Forklift	2	OE 100 Open Elective	2
ATLB1410 Pipe Lasers	1	OE 100 Open Elective	1
ATLB1420 Scaffold Builder	2	OE 100 Open Elective	2
ATLB1430 Scaffold User and Skid Steer Safety	1	OE 100 Open Elective	1
ATLB1600 Asbestos Abatement	2	OE 100 Open Elective	2
ATLB1807 Special Topics in Work Zone Traffic Technician	2	OE 100 Open Elective	2
ATLB1808 Special Topics in Asphalt and Traffic Control	2	OE 100 Open Elective	2
ATLB1809 Special Topics: Asbestos Abatement Worker	2	OE 100 Open Elective	2
ATLB1812 Special Topics in Grade Lasers	2	OE 100 Open Elective	2
ATLB2110 Small Engines and Concrete Saws	2	OE 200 Open Elective	2
ATLB2120 Pneumatic Tools	2	OE 200 Open Elective	2
ATLB2130 Pressure Pipe	2	OE 200 Open Elective	2
ATLB2140 DOE Rigging Practices	2	OE 200 Open Elective	2
ATLB2150 Guniting	2	OE 200 Open Elective	2
ATLB2160 Tunnel Construction	4	OE 200 Open Elective	4
ATLB2170 Gas Pipeline Worker II	4	OE 200 Open Elective	4
ATLB2180 GPS	2	OE 200 Open Elective	2
ATLB2190 Hazwoper	2	OE 200 Open Elective	2
ATLB2200 Surveying Techniques & Applications	3	OE 200 Open Elective	3
ATLB2210 Scaffold Builder/Dismantle	2	OE 200 Open Elective	2

ATLB2220 Plastic Pipe Fusion II	2	OE 200 Open Elective	2
ATLB2310 Advanced Instruments	2	OE 200 Open Elective	2
ATLB2320 Gas Pipe Line Worker	2	OE 200 Open Elective	2
ATLB2330 Highway Drawings	2	OE 200 Open Elective	2
ATLB2340 Asbestos Abatement Supervisor	2	OE 200 Open Elective	2
ATLB2350 Laborers: Foreman Training	5	OE 200 Open Elective	5
ATLB2380 Traffic Control Supervisor	1	OE 200 Open Elective	1
ATLB2400 Pipelaying Techniques	2	OE 200 Open Elective	2
ATLB2600 Scaffolds & High Elevation Techniques	3	OE 200 Open Elective	3
ATLB2650 Demolition Techniques	3	OE 200 Open Elective	3
ATLB2660 Grade Checking	4	OE 200 Open Elective	4
ATLB2680 Gas Distribution Worker	7	OE 200 Open Elective	7
ATLB2740 Lead Abatement	3	OE 200 Open Elective	3
ATLB2801 Special Topics in Plastic Pipe Fusion	2	OE 200 Open Elective	2
ATLB2806 Special Topics in Storm, Sanitary and Water Drawings	2	OE 200 Open Elective	2
ATLB2808 Special Topics: ICRA for Laborers	2	OE 200 Open Elective	2
ATLB2809 Special Topics: Plastic Pipe Fusion II	2	OE 200 Open Elective	2
ATLB2811 Special Topics: Mason Tending and Scaffolds	2	OE 200 Open Elective	2
ATLB2812 Special Topics in Asbestos Abatement Supervisor	2	OE 200 Open Elective	2
ATLB2813 Special Top: Essential Computations for Construction	2	OE 200 Open Elective	2
ATLB2817 Special Topics: Laborers: Foreman Training	5	OE 200 Open Elective	5
<b><i>Applied Industrial Technology (Lifting Technologies) (ATLT)</i></b>			
ATLT1000 Orientation for Lifting Tech	2	OE 100 Open Elective	2
ATLT1010 Industrial Safety	1	OE 100 Open Elective	1
ATLT1020 Introduction to Lifting & Rigging	2	OE 100 Open Elective	2
ATLT1030 Introduction to Wire Rope	1	OE 100 Open Elective	1
ATLT1040 Safety in Lifting and Rigging I	1	OE 100 Open Elective	1
ATLT1050 Rigging Geometric	2	OE 100 Open Elective	2
ATLT1060 Layout & Fabrication Procedure	1	OE 100 Open Elective	1
ATLT1070 Blue Print Reading for Rigging I	2	OE 100 Open Elective	2
ATLT1080 Lifting Technologies Safety Training	1	OE 100 Open Elective	1
ATLT1090 Introduction to Welding for Lifting Technologies	2	OE 100 Open Elective	2
ATLT1100 Introduction to Inspections: Field Tablets IC3	1	OE 100 Open Elective	1
ATLT1110 Technologies in Rigging	1	OE 100 Open Elective	1
ATLT1801 Special Topics: Crane Operator Training	1	OE 100 Open Elective	1
ATLT1802 Mobile Cranes I: Types and Components	1	OE 100 Open Elective	1
ATLT1803 Special Topics: Overhead Crane Classification	1	OE 100 Open Elective	1
ATLT1806 Special Topics: Overhead Crane Drive Systems	2	OE 100 Open Elective	2
ATLT2010 Lifting Project Module	1	OE 200 Open Elective	1
ATLT2020 Proof Test Operations	1	OE 200 Open Elective	1
ATLT2040 Wire Rope Applications I	1	OE 200 Open Elective	1
ATLT2050 Blue Print Reading for Rigging II	2	OE 200 Open Elective	2
ATLT2110 Intro to Project Planning & Processing for Lifting Techn	2	OE 200 Open Elective	2
ATLT2130 Overhead Crane Electrical	2	OE 200 Open Elective	2
ATLT2140 Overhead Crane Mechanical	2	OE 200 Open Elective	2
ATLT2170 Overhead Crane Inspector	2	OE 200 Open Elective	2

ATLT2280 Overhead Crane Inspect Safety	2	OE 200 Open Elective	2
ATLT2500 Rigging Inspector Certification	3	OE 200 Open Elective	3
ATLT2510 Sling Fabrication- Flat Web & Chain	1	OE 200 Open Elective	1
ATLT2520 Socketing	1	OE 200 Open Elective	1
ATLT2801 Special Topics: Safety in Lifting and Rigging	1	OE 200 Open Elective	1
ATLT2802 Special Topics: Crane Preventative Maintenance	1	OE 200 Open Elective	1
ATLT2803 Special Topics: Lifting Technologies/Technical Pricing	1	OE 200 Open Elective	1
ATLT2806 Special Topics in Introduction to Project Planning and Processing for Lifting Technologies	2	OE 200 Open Elective	2
ATLT2807 Special Topics in Welded Chain Sling	2	OE 200 Open Elective	2
ATLT2808 Special Topics in Overhead Crane Drive Systems	2	OE 200 Open Elective	2
ATLT2809 Special Topics in Crane Preventative Maintenance	2	OE 200 Open Elective	2
<b>Applied Industrial Technology(Manufacturing Technology)(ATMT)</b>			
ATMT1000 Mechanical & Spatial Relations	4	OE 100 Open Elective	4
ATMT1100 Manufacturing Skills I	3	OE 100 Open Elective	3
ATMT1110 Manufacturing Skills II	2	OE 100 Open Elective	2
ATMT1120 Machine Operations I	6	OE 100 Open Elective	6
ATMT1200 Machine Tool Theory	4	OE 100 Open Elective	4
ATMT1300 Manufacturing Procedures	2	OE 100 Open Elective	2
ATMT1500 Manufacturing Technology Skills I	4	OE 100 Open Elective	4
ATMT1600 Introduction to CAD	2	OE 100 Open Elective	2
ATMT1812 Special Topics-Industrial Applications	3	OE 100 Open Elective	3
ATMT1950 Field Experience	2	OE 100 Open Elective	2
ATMT2120 Machine Operations II	6	OE 200 Open Elective	6
ATMT2300 Advanced Manufacturing Procedures	2	OE 200 Open Elective	2
ATMT2400 Advanced Diemaking	2	OE 200 Open Elective	2
ATMT2410 Advanced Moldmaking	2	OE 200 Open Elective	2
ATMT2420 Advanced Precision Machining	2	OE 200 Open Elective	2
ATMT2500 Manufacturing Technology Skills II	4	OE 200 Open Elective	4
ATMT2600 CNC Programming/Operations	2	OE 200 Open Elective	2
ATMT2620 CAM Principles	2	OE 200 Open Elective	2
ATMT2700 Manufacturing Technology Skills II	4	OE 200 Open Elective	4
ATMT2990 Manufacturing Operation Principles	3	OE 200 Open Elective	3
<b>Applied Industrial Technology (Millwrighting)(ATMW)</b>			
ATMW1320 Introduction to Millwrighting	2	OE 100 Open Elective	2
ATMW1330 Print Reading for Millwrights	2	OE 100 Open Elective	2
ATMW1340 Introduction to Pile Driving	2	OE 100 Open Elective	2
ATMW1350 Hydraulics/Centrifugal Pumps	2	OE 100 Open Elective	2
ATMW1450 Heavy Rigging	2	OE 100 Open Elective	2
ATMW1490 Millwright Pile Driver Weld I	2	OE 100 Open Elective	2
ATMW1600 Rotating Equipment	2	OE 100 Open Elective	2
ATMW1720 Machinery Installation	2	OE 100 Open Elective	2
ATMW2120 Shaft Alignment	2	OE 200 Open Elective	2
ATMW2130 Shaft Alignment II	2	OE 200 Open Elective	2
ATMW2230 Millwright Pile Driver Weld II	2	OE 200 Open Elective	2



ATMW2330 Precision Optics	2	OE 200 Open Elective	2
ATMW2350 Floor Conveyor	2	OE 200 Open Elective	2
ATMW2400 Steam Turbines	2	OE 200 Open Elective	2
ATMW2500 Combustion Turbine	2	OE 200 Open Elective	2
ATMW2520 Millwright Pile Driver Weld III	2	OE 200 Open Elective	2
ATMW2530 Advanced Welding IV	2	OE 200 Open Elective	2
ATMW2700 Monorail	2	OE 200 Open Elective	2
<b>Applied Industrial Technology(Operating Engineers) (ATOE)</b>			
ATOE1100 Operating Engineering Concepts	4	OE 100 Open Elective	4
ATOE1200 Basic Mechanical Concepts	3	OE 100 Open Elective	3
ATOE1650 Graders and Plans	2	OE 100 Open Elective	2
ATOE1700 Paving, Tractor, Backhoe Operations	3	OE 100 Open Elective	3
ATOE2100 Mobile Crane	2	OE 200 Open Elective	2
ATOE2200 Mechanical Repair	3	OE 200 Open Elective	3
ATOE2600 Bulldozer Practice	3	OE 200 Open Elective	3
ATOE2620 Backhoe Practice	3	OE 200 Open Elective	3
ATOE2640 Advanced Grader Practice	3	OE 200 Open Elective	3
ATOE2650 Safety Training Passport	1	OE 200 Open Elective	1
ATOE2660 Grader Safety	2	OE 200 Open Elective	2
ATOE2670 Rough Terrain Forklift Operation	2	OE 200 Open Elective	2
ATOE2680 Hazardous Material Handling & Field Safety	2	OE 200 Open Elective	2
<b>Applied Industrial Technology (Pile Driving)(ATPD)</b>			
ATPD1310 Technical Measur, Hand&Power Tool Use in Pile Driving	2	OE 100 Open Elective	2
ATPD1330 Print Reading for Pile Driving	2	OE 100 Open Elective	2
ATPD1370 Pile Driving on Land & Water	2	OE 100 Open Elective	2
ATPD2020 Pile Driving Technologies	2	OE 200 Open Elective	2
ATPD2220 False Work & Heavy Timber	2	OE 200 Open Elective	2
ATPD2370 Advanced Pile Driving on Land	2	OE 200 Open Elective	2
ATPD2380 Advanced Pile Driving on Water	2	OE 200 Open Elective	2
ATPD2700 Millwright-Pile Driver Weld IV	2	OE 200 Open Elective	2
ATPD2710 Millwright-Pile Driver Weld V	2	OE 200 Open Elective	2
<b>Applied Industrial Technology (Pipefitting)(ATPF)</b>			
ATPF1015 Heat, Matter, and Energy	2	OE 100 Open Elective	2
ATPF1025 Basic Controls - Electricity	2	OE 100 Open Elective	2
ATPF1035 Refrigeration Motors and Applications	2	OE 100 Open Elective	2
ATPF1045 Motor Controls & Troubleshooting	2	OE 100 Open Elective	2
ATPF1055 Evaporators, Condensers, and Compressors	2	OE 100 Open Elective	2
ATPF1065 Expansion Devices and Special Components	2	OE 100 Open Elective	2
ATPF1070 Soldering Brazing & Pipefitting Tools	2	OE 100 Open Elective	2
ATPF1085 Refrigeration and Refrigerants	2	OE 100 Open Elective	2
ATPF1095 Systems Charging	2	OE 100 Open Elective	2
ATPF1125 System Evacuation	2	OE 100 Open Elective	2
ATPF1135 Refrigeration Applications and Ice Machines	2	OE 100 Open Elective	2
ATPF1145 Refrigeration Transport and Problem Solving	2	OE 100 Open Elective	2

ATPF1210 Rigging	2	OE 100 Open Elective	2
ATPF1220 Basic Pipefitting Layout	1	OE 100 Open Elective	1
ATPF1230 Plate Fillet Weld	1	OE 100 Open Elective	1
ATPF1260 Sprinkler Layout	1	OE 100 Open Elective	1
ATPF1270 Sprinkler Drawings	4	OE 100 Open Elective	4
ATPF1360 Hydronic Heating and Cooling	2	OE 100 Open Elective	2
ATPF1804 Special Topics: Plate Fillet Weld	1	OE 100 Open Elective	1
ATPF1806 Special Topics: Cooling Towers and Troubleshooting	2	OE 100 Open Elective	2
ATPF1807 Special Topics: Chilled Water Systems	2	OE 100 Open Elective	2
ATPF1808 Special Topics: Pipe Groove Weld	2	OE 100 Open Elective	2
ATPF1809 Special Topics: P/F Pipe Bead Weld	2	OE 100 Open Elective	2
ATPF1810 Special Topics: P/F Plate Group Weld	2	OE 100 Open Elective	2
ATPF2115 Electric Heat	1	OE 200 Open Elective	1
ATPF2125 Gas Heat	2	OE 200 Open Elective	2
ATPF2130 Oil and Hydronics	2	OE 200 Open Elective	2
ATPF2145 Air Distribution and Psychometrics	2	OE 200 Open Elective	2
ATPF2155 Air Conditioning Installation and Controls	2	OE 200 Open Elective	2
ATPF2165 Wall Weather Systems	2	OE 200 Open Elective	2
ATPF2175 Domestic Refrigeration	2	OE 200 Open Elective	2
ATPF2340 Steam Systems	2	OE 200 Open Elective	2
ATPF2450 Oxy/Acetylene Cutting and Basic Welding I	2	OE 200 Open Elective	2
ATPF2470 Oxy/Acetylene Cutting and Basic Welding II	2	OE 200 Open Elective	2
ATPF2490 Pipefitters Welding III	2	OE 200 Open Elective	2
ATPF2510 Sprinkler Fire Protection	2	OE 200 Open Elective	2
ATPF2520 Valve Repair	2	OE 200 Open Elective	2
ATPF2805 ST: Sheet Metal D.9.1	1	OE 200 Open Elective	1
ATPF2807 Special Topics: Fixed Vertical 5G Pipe Fitter Weld	2	OE 200 Open Elective	2
ATPF2808 Special Topics: Fixed 45 Degree 6G Pipe Fitter Weld	2	OE 200 Open Elective	2
ATPF2812 Special Topics: P/F Fixed Horizontal 2G Pipe Weld	2	OE 200 Open Elective	2
ATPF2813 Special Topics in Advanced Automatic Controls	2	OE 200 Open Elective	2
ATPF2814 ST: U/A 21 Welding	3	OE 200 Open Elective	3
<b>Applied Industrial Technology (Plumbing)(ATPL)</b>			
ATPL1000 Care and Use of Tools	2	OE 100 Open Elective	2
ATPL1010 Soldering and Brazing	2	OE 100 Open Elective	2
ATPL1030 State of Ohio Plumbing Code I	2	OE 100 Open Elective	2
ATPL1040 Plumbing Heritage	2	OE 100 Open Elective	2
ATPL1050 Construction Drawings	2	OE 100 Open Elective	2
ATPL1060 Medical Gas	2	OE 100 Open Elective	2
ATPL1070 Pipe Fittings, Valves and Supports	2	OE 100 Open Elective	2
ATPL1210 State of Ohio Plumbing Code II	2	OE 100 Open Elective	2
ATPL1220 Gas Systems	2	OE 100 Open Elective	2
ATPL1230 Water Supply	2	OE 100 Open Elective	2
ATPL1240 Underground Plumbing Systems;Application&Installation	2	OE 100 Open Elective	2
ATPL1800 Special Topics: Confined Space	1	OE 100 Open Elective	1
ATPL1801 Special Topics: Signal Certification	1	OE 100 Open Elective	1
ATPL1807 Special Topics: OSHA 510	2	OE 100 Open Elective	2

ATPL1808 Special Topics: Nat Gas Pipe Applications & Installation	2	OE 100 Open Elective	2
ATPL1809 Special Topics: Plumbing Gas Systems	2	OE 100 Open Elective	2
ATPL2320 State of Ohio Plumbing Code III	2	OE 200 Open Elective	2
ATPL2350 Electricity for Plumbers	2	OE 200 Open Elective	2
ATPL2360 Green Plumbing Systems	1	OE 200 Open Elective	1
ATPL2410 City and State Backflow Certification	2	OE 200 Open Elective	2
ATPL2430 Trench & Excavation Safety	1	OE 200 Open Elective	1
ATPL2440 City of Cleveland Plumbing License	1	OE 200 Open Elective	1
ATPL2510 Pumps	2	OE 200 Open Elective	2
ATPL2550 Plumbing & Procedures	2	OE 200 Open Elective	2
ATPL2560 Foreman Certification	2	OE 200 Open Elective	2
ATPL2580 Design and Layout	2	OE 200 Open Elective	2
ATPL2806 Special Topics: Installation Techniques for Copper Tube & Pipe	2	OE 200 Open Elective	2
ATPL2807 Special Topics: installation Techniques for PVC	2	OE 200 Open Elective	2
ATPL2808 Special Topics: Cast Iron Pipe: Application and Installation	2	OE 200 Open Elective	2
ATPL2809 Special Topics: Plumbing Heritage	2	OE 200 Open Elective	2
ATPL2812 Special Topics: Electricity for Mechanical	2	OE 200 Open Elective	2
<b>Applied Industrial Technology (Painting)(ATPT)</b>			
ATPT1300 Introduction to Painting, Drywall Finishing & Glazing	2	OE 100 Open Elective	2
ATPT1320 Safety Standards for Construction (OSHA-10)	3	OE 100 Open Elective	3
ATPT1330 Filling Compounds and Procedures	2	OE 100 Open Elective	2
ATPT1340 Wall Preparation & Repair	2	OE 100 Open Elective	2
ATPT1620 Wood Finishing	2	OE 100 Open Elective	2
ATPT1630 Color Mixing and Matching	2	OE 100 Open Elective	2
ATPT1640 Rigging and Hoisting	2	OE 100 Open Elective	2
ATPT1650 Blueprints I: Construction Fundamentals	2	OE 100 Open Elective	2
ATPT1660 Labor in American Society	2	OE 100 Open Elective	2
ATPT1801 Special Topics: Painters ICRA/First Aid	1	OE 100 Open Elective	1
ATPT1806 Special Topics in Painters and Lead Abatement	2	OE 100 Open Elective	2
ATPT2310 Wallcovering & Paperhanging	3	OE 200 Open Elective	3
ATPT2320 Safe Work Practices	3	OE 200 Open Elective	3
ATPT2330 Spray and Industrial Painting	2	OE 200 Open Elective	2
ATPT2340 Blueprints II: Advanced Reading & Estimating	2	OE 200 Open Elective	2
ATPT2350 Advanced Spray and Industrial Painting	2	OE 200 Open Elective	2
ATPT2360 Foreman Training	2	OE 200 Open Elective	2
ATPT2370 Abrasive Blasting Techniques	2	OE 200 Open Elective	2
ATPT2380 Special Coating & Decorative Finishes	2	OE 200 Open Elective	2
ATPT2818 Special Topics in Coatings Inspector II	5	OE 200 Open Elective	5
ATPT2819 Special Topics in Coatings Inspector	4	OE 200 Open Elective	4
<b>Applied Industrial Technology (Sheet Metal Working)(ATSM)</b>			
ATSM1010 Benefits Management	1	OE 100 Open Elective	1
ATSM1020 Trade History	1	OE 100 Open Elective	1
ATSM1030 Layout & Fabrication I	2	OE 100 Open Elective	2

ATSM1040 OSHA 16 Hour Safety Training	1	OE 100 Open Elective	1
ATSM1050 Fire Life Safety Tech I	1	OE 100 Open Elective	1
ATSM1060 Sheet Metal OSHA 30	2	OE 100 Open Elective	2
ATSM1070 Sheet Metal Electricity	3	OE 100 Open Elective	3
ATSM1080 New EPA 608	1	OE 100 Open Elective	1
ATSM1090 HVAC Cleaning	1	OE 100 Open Elective	1
ATSM1210 Estimating and Bidding	1	OE 100 Open Elective	1
ATSM1220 Layout and Fabrication II	2	OE 100 Open Elective	2
ATSM1230 Field Installation	3	OE 100 Open Elective	3
ATSM1250 Architectural Sheet Metal ASM	6	OE 100 Open Elective	6
ATSM1290 Sheet Metal D9 1	1	OE 100 Open Elective	1
ATSM2110 Plans and Specifications	2	OE 100 Open Elective	2
ATSM2120 Sheet Metal Weld I	3	OE 100 Open Elective	3
ATSM2130 Sheet Metal Welding II	3	OE 100 Open Elective	3
ATSM2140 Industrial I Welding	3	OE 100 Open Elective	3
ATSM2150 Sheet Metal: Industrial II Welding	3	OE 100 Open Elective	3
ATSM2160 Industrial III Food Service	3	OE 100 Open Elective	3
ATSM2170 Architectural Sheet Metal II	3	OE 100 Open Elective	3
ATSM2180 Metallic Composite Material MCM	3	OE 100 Open Elective	3
ATSM2310 Refrigeration I	1	OE 200 Open Elective	1
ATSM2330 Layout and Fabrication III	3	OE 200 Open Elective	3
ATSM2340 Advanced Field Installation	3	OE 200 Open Elective	3
ATSM2350 Duct Design and Testing	2	OE 200 Open Elective	2
ATSM2360 Load Calculations	1	OE 200 Open Elective	1
ATSM2410 Residential Heating	3	OE 200 Open Elective	3
ATSM2420 Refrigeration II	2	OE 200 Open Elective	2
ATSM2510 Commercial Roof Top Units	2	OE 200 Open Elective	2
ATSM2520 Project Management	2	OE 200 Open Elective	2
ATSM2530 Direct Digital Controls	2	OE 200 Open Elective	2
ATSM2540 Smart ICRA	1	OE 200 Open Elective	1
ATSM2550 Fire Life Safety Tech I Supervisor	1	OE 200 Open Elective	1
ATSM2780 NATE Certification	2	OE 200 Open Elective	2
ATSM2790 Sheet Metal Foreman Training	1	OE 200 Open Elective	1
ATSM2801 Special Topics: Fire Life Safety Tech I Supervisor	1	OE 200 Open Elective	1
ATSM2803 Special Topics: FLS Tech II Supervisor	1	OE 200 Open Elective	1
ATSM2809 Special Topics: Plans and Specifications	2	OE 200 Open Elective	2
ATSM2812 Special Topics: Sheet Metal Weld I	3	OE 200 Open Elective	3
ATSM2813 Special Topics: Architectural Sheet Metal II	3	OE 200 Open Elective	3
ATSM2814 Special Topics in Metallic Composite Material MCM	3	OE 200 Open Elective	3
ATSM2817 Special Topics: Industrial I Welding Fabrication	3	OE 200 Open Elective	3
ATSM2818 Special Topics: Sheet Metal Lagging and Mechanical Insulating	4	OE 200 Open Elective	4
ATSM2820 Special Topics in Sheet Metal Industrial II Welding	3	OE 200 Open Elective	3
ATSM2821 Special Topics in Industrial III Food Service	3	OE 200 Open Elective	3
ATSM2822 Special Topics in Sheet Metal Welding II	3	OE 200 Open Elective	3

<b>Automotive Technology (AUTO)</b>			
AUTO1050 Numerical Appl. In Automotive Service	3	OE 100 Open Elective	3
AUTO1101 Introduction to Automotive Service Procedures	3	OE 100 Open Elective	3
AUTO1300 Automotive Engines	3	OE 100 Open Elective	3
AUTO1400 Automotive Alignment, Steering & Suspension	3	OE 100 Open Elective	3
AUTO1450 Automotive Braking Systems	3	OE 100 Open Elective	3
AUTO1502 Automotive Electrical Fundamentals	3	OE 100 Open Elective	3
AUTO1510 Automotive Electrical Systems	3	OE 100 Open Elective	3
AUTO1820 Independent Study in Automotive Technology	1-3	OE 100 Open Elective	1-3
AUTO1940 Automotive Field Experience I	1	OE 100 Open Elective	1
AUTO1950 Automotive Field Experience II	1	OE 100 Open Elective	1
AUTO1960 Automotive Field Experience III	1	OE 100 Open Elective	1
AUTO2300 Automotive Transmissions	3	OE 200 Open Elective	3
AUTO2310 Manual Transmission and Drivetrain	3	OE 200 Open Elective	3
AUTO2350 Automotive HV AC	2	OE 200 Open Elective	2
AUTO2400 Engine Performance	3	OE 200 Open Elective	3
AUTO2450 Automotive Electronic Engine Controls	3	OE 200 Open Elective	3
AUTO2505 Automotive Electrical Diagnosis for General Motors ASEP	3	OE 200 Open Elective	3
AUTO2701 Automotive Service Operations	3	OE 200 Open Elective	3
AUTO2812 Special Topics in Automotive Projects	3	OE 200 Open Elective	3
AUTO2820 Independent Advanced Study in Automotive Technology	1-3	OE 200 Open Elective	1-3
AUTO2830 Cooperative Field Experience	1-3	OE 200 Open Elective	1-3
AUTO2940 Automotive Field Experience IV	1	OE 200 Open Elective	1
AUTO2950 Automotive Field Experience V	1	OE 200 Open Elective	1
<b>Business Administration(BADM)</b>			
BADM1020 Introduction to Business	3	MGT121 How Business Works	3
BADM1050 Professional Success Strategies	3	MGT100 Management Elective	3
BADM1070 Introduction to Project Management	3	MGT100 Management Elective	3
BADM1122 Principles of Management and Organizational Behavior	3	MGT201 Management of Organizations	3
BADM1210 Labor-Management Relations	3	MGT100 Management Elective	3
BADM1301 Small Business Management	3	MGT100 Management Elective	3
BADM1460 Workers' Compensation Law	3	MGT100 Management Elective	3
BADM1815 Special Topics in Social Entrep and Entrep Thinking	3	MGT100 Management Elective	3
BADM1820 Independent Study/Research in Business Administration	1-3	OE 100 Open Elective or MGT100 Management Elective	1-3
BADM2010 Business Communications	3	COM200 Communications Elective	3
BADM201H Honors Business Communications	3	COM200 Communications Elective	3
BADM2110 Production/Operations Management	3	MGT200 Management Elective	3
BADM2120 Logistics Management	3	MGT200 Management Elective	3
BADM2151 Business Law	3	LAW211 Business Law I	3
BADM2162 Introduction to Supply Management	3	MGT221 Supply Chain Management	3
BADM2181 Supply Management	3	MGT200 Management Elective	3
BADM2240 Negotiations	3	MGT200 Management Elective	3
BADM2330 Human Resource Management	3	MGT200 Management Elective	3
BADM2340 Human Resource Law & Application	3	MGT200 Management Elective	3

BADM2390 Advanced Human Resource Practices	3	MGT200 Management Elective	3
BADM2450 New Business Development	5	MGT200 Management Elective	5
BADM2501 Business Strategies	3	MGT200 Management Elective	3
BADM2601 Global Commerce and Communication	3	MGT200 Management Elective	3
BADM2760 Global Trade and Finance	3	MGT200 Management Elective	3
BADM2780 Global Marketing and Distribution	3	MGT200 Management Elective	3
BADM2790 International Business Strategy & Appl.	4	MGT200 Management Elective	4
BADM279H Honors Contract in Business Administration	1	OE 200 Open Elective	1
BADM2820 Independent Advanced Study in Business Admin	1-3	OE 200 Open Elective or MGT200 Management Elective	1-3
BADM282H Honors Independent Adv Study in Business Admin	1-3	OE 200 Open Elective or MGT200 Management Elective	1-3
BAD2830 Cooperative Field Experience	1-3	OE 200 Open Elective or MGT200 Management Elective	1-3
<b>Biology (BIO)</b>			
BIO1040 The Cell & DNA	3	BIO101 Contemporary Biological Problems	3
BIO104L The Cell & DNA Lab	1	BIO101L Contemporary Biological Problems Lab	1
BIO1050 Human Biology	3	BIO100 Biology Elective	3
BIO105L Human Biology Laboratory	1	BIO100 Biology Elective	1
BIO1060 Environment, Ecology, & Evolution	3	BIO100 Biology Elective	3
BIO106L Environment, Ecology, & Evolution Lab	1	BIO100 Biology Elective	1
BIO1070 Insect Biology	3	BIO100 Biology Elective	3
BIO1100 Into to Biological Chemistry	3	BIO100 Biology Elective	3
BIO1221 Anat. & Physio. For Diagnostic Medical Imaging	4	BIO100 Biology Elective	4
BIO1230 Anat. & Physio. Of the Eye	4	BIO100 Biology Elective	4
BIO1410 Anat. & Physio. Of Domestic Animals I	4	BIO100 Biology Elective	4
BIO1420 Anat. & Physio. Of Domestic Animals II	3	BIO100 Biology Elective	3
BIO1500 Principles of Biology I	4	BIO120 General Biology I and Lab	3+1
BIO150H Honors Principles of Biology I	4	BIO120 General Biology I and Lab	3+1
BIO1510 Principles of Biology II	4	BIO121 General Biology II and Lab	3+1
BIO151H Honors Principles of Biology II	4	BIO121 General Biology II and Lab	3+1
BIO179H Honors Contract in Biology	1	OE 100 Open Elective	1
BIO1813 Special Topics in Insect Bio, Behav, & Impact on daily lives	1	OE 100 Open Elective	1
BIO1814 Special Topics in Course-Based UG Research Experience	3	BIO100 Biology Elective	3
BIO1820 Independent Study/Research in Biology	1-3	OE 100 Open Elective/BIO100 Biology Elective	1-3
BIO182H Honors Independent Study in Biology	1-3	OE 100 Open Elective/BIO100 Biology Elective	1-3
BIO2060 Principles of Genetics	3	BIO200 Biology Elective	3
BIO2100 Biology of Aging	3	BIO200 Biology Elective	3
BIO2150 Environmental Science	3	NAT215 Environmental Science	3
BIO2200 Radiobiology	2	BIO200 Biology Elective	2
BIO2331 Anat. & Physio. I	4	BIO221 Human Anatomy and Physiology I and Lab	3+1
BIO2341 Anat. & Physiology II	4	BIO222 Human Anatomy and Physiology II and Lab	3+1
BIO2500 Microbiology	4	BIO200 Biology Elective	4
BIO2600 Pathophysiology	3	BIO200 Biology Elective	3
BIO2820 Independent Advanced Study/Research in Biology	1-3	OE 200 Open Elective/BIO200 Biology Elective	1-3
BIO282H Advanced Honors Independent Study in Biology	1-3	OE 200 Open Elective/BIO200 Biology Elective	1-3
BIO282S Independent Adv Laboratory Study/Research in Biology	1-3	OE 200 Open Elective/BIO200 Biology Elective	1-3
<b>Business Technology (BT)</b>			

BT1001 Keyboarding	2	OE 100 Open Elective	2
BT1150 Word for Business Documents	3	OE 100 Open Elective	3
BT1700 Business Spreadsheets (Excel)	3	CST100 Computer Science Elective	3
BT2040 Emerging Workplace Technology	3	CST200 Computer Science Elective	3
BT2200 Advanced Word Processing	3	CST200 Computer Science Elective	3
BT2211 Presentation Software	3	CST200 Computer Science Elective	3
BT2270 Desktop Publishing	3	CST200 Computer Science Elective	3
BT2300 Business Database Systems (Assess)	3	CST200 Computer Science Elective	3
BT2411 Workforce Management	3	MGT200 Management Elective	3
BT2510 Project Management Software	3	CST200 Computer Science Elective	3
BT2700 Advanced Business Spreadsheets (Excel)	3	CST200 Computer Science Elective	3
BT2710 Microsoft Power BI for Data Analysis	3	CST200 Computer Science Elective	3
BT2830 Cooperative Field Experience	1-3	OE 200 Open Elective	1-3
BT2990 Business Technologies Capstone	3	OE 200 Open Elective	3
<b>Court Reporting and Captioning (CCR)</b>			
CCR1000 Introduction to Court Reporting	1	OE 100 Open Elective	1
CCR1101 Introduction to Voice Writing	1	OE 100 Open Elective	1
C&CCR1150 Introduction to Digital Reporting and Transcription	1	OE 100 Open Elective	1
CCR1200 Voicewriting I	2	OE 100 Open Elective	2
CCR1210 Voicewriting II	2	OE 100 Open Elective	2
CCR1220 Voicewriting III	4	OE 100 Open Elective	4
CCR1300 Realtime Theory I	4	OE 100 Open Elective	4
CCR1331 Realtime Theory II	2	OE 100 Open Elective	2
CCR1335 Realtime Theory III	2	OE 100 Open Elective	2
CCR1341 Realtime Theory IV	2	OE 100 Open Elective	2
CCR1350 Legal Terminology	3	OE 100 Open Elective	3
CCR1360 Court Procedures	3	OE 100 Open Elective	3
CCR1401 Speedbuilding and Transcription at 100 WPM	3	OE 100 Open Elective	3
CCR1451 Speedbuilding and Transcription at 140 WPM	3	OE 100 Open Elective	3
CCR1460 Literary Writing	2	OE 100 Open Elective	2
CCR1470 Transcript Production for Court Reporting & Captioning	3	OE 100 Open Elective	3
CCR1550 Research and Transcript Preparation	2	OE 100 Open Elective	2
CCR1601 Court Reporting Technology	4	OE 100 Open Elective	4
CCR1650 Terminology for the Transcriber	3	OE 100 Open Elective	3
CCR1808 Special Topics: Transcript Prod for Court Report&Caption	2	OE 100 Open Elective	2
CCR1819 Special Topics in CVR Test Prep	4	OE 100 Open Elective	4
CCR1820 Independent Study in Captioning and Court Reporting	1-3	OE 100 Open Elective	1-3
CCR182H Honors Indep Study in Captioning and Court Reporting	1-3	OE 200 Open Elective	1-3
CCR2200 Medical Terminology for Captioning&Court Reporting	3	OE 200 Open Elective	3
CCR2310 Realtime Writing for Court Reporting and Captioning	2	OE 200 Open Elective	2
CCR2351 Editing Legal Documents	3	OE 200 Open Elective	3
CCR2360 Proofreading Skill Development	2	OE 200 Open Elective	2
CCR2401 Speedbuilding and Transcription at 180 WPM	3	OE 200 Open Elective	3
CCR2451 Speedbuilding & Transcription at 225 WPM	3	OE 200 Open Elective	3
CCR2470 Advanced Technology	3	OE 200 Open Elective	3
CCR2480 Using Captioning Technology	3	OE 200 Open Elective	3

CCR2510 CART Production	3	OE 200 Open Elective	3
CCR2520 Captioning Production	3	OE 200 Open Elective	3
CCR2550 Writing for Captioning & CART	2	OE 200 Open Elective	2
CCR2602 Technical Terminology	3	OE 200 Open Elective	3
CCR2660 Registered Professional Reporter Exam. Prep	1	OE 200 Open Elective	1
CCR2740 Digital Reporting Technology	4	OE 200 Open Elective	4
CCR2750 Annotation for Digital Reporting	2	OE 200 Open Elective	2
CCR2803 ST in Certified Elect & Cert Dig Reporter Exam Prep	1	OE 200 Open Elective	1
CCR2819 Accelerated Digital Reporting	4	OE 200 Open Elective	4
CCR2820 Independent Adv Study in Captioning&Court Reporting	1-3	OE 200 Open Elective	1-3
CCR282H Honors Ind Adv Study in Captioning&Court Reporting	1-3	OE 200 Open Elective	1-3
CCR2841 Internship	1	OE 200 Open Elective	1
CCR2910 Internship for Captioning & CART	1	OE 200 Open Elective	1
<b>Chemistry (CHEM)</b>			
CHEM1000 Everyday Chemistry	3	CHM100 Chemistry Elective	3
CHEM100L Everyday Chemistry Lab	1	CHM100 Chemistry Elective	1
CHEM1010 Introduction to Inorganic Chemistry	4	CHM100 Chemistry Elective	4
CHEM101H Honors Introduction to Inorganic Chemistry	4	CHM100 Chemistry Elective	4
CHEM1020 Introduction to Organic Chem & Biochemistry	4	CHM100 Chemistry Elective	4
CHEM102H Honors Introduction to Organic Chem&Biochemistry	4	CHM100 Chemistry Elective	4
CHEM1081 Medicinal Plants Chemistry	3	CHM100 Chemistry Elective	3
CHEM1300 General Chemistry I	4	CHM131 General Chemistry I	4
CHEM130L General Chemistry Lab I	1	CHM131L General Chemistry I Lab	1
CHEM130H Honors General Chemistry I	5	CHM131 General Chemistry I & Lab	4+1
CHEM1310 General Chemistry II	4	CHM132 General Chemistry II	4
CHEM131L General Chemistry Lab II	1	CHM132L General Chemistry II Lab	1
CHEM131H Honors General Chemistry II	5	CHM132 General Chemistry II & Lab	4+1
CHEM179H Honors Contract in Chemistry	1	OE 100 Open Elective	1
CHEM1820 Independent Study/Research in Chemistry	1-3	OE 100 Open Elective or CHM100 Chemistry Elective	1-3
CHEM182H Honors Independent Study/Research in Chemistry	1-3	OE 100 Open Elective or CHM100 Chemistry Elective	1-3
CHEM182S Independent Laboratory Study/Research in Chemistry	1-3	OE 100 Open Elective or CHM100 Chemistry Elective	1-3
CHEM182T Independent Laboratory Study/Research in Chemistry	1-3	OE 100 Open Elective or CHM100 Chemistry Elective	1-3
CHEM2300 Organic Chemistry I	5	CHM200 Chemistry Elective	5
CHEM2310 Organic Chemistry II	5	CHM200 Chemistry Elective	5
CHEM279H Sophomore Honors Contract-ANTH	1	OE 200 Open Elective	1
CHEM2820 Independent Advanced Study/Research in Chemistry	1-3	OE 200 Open Elective or CHM200 Chemistry Elective	1-3
CHEM282H Honors Independent Adv Study/Research in Chemistry	1-3	OE 200 Open Elective or CHM200 Chemistry Elective	1-3
<b>Chinese (CHIN)</b>			
CHIN1011 Beginning Chinese Lang & Culture I	4	OE 100 Open Elective	4
CHIN1021 Beginning Chinese Lang & Culture II	4	OE 100 Open Elective	4
CHIN1820 Independent Study/Research in Chinese	1-3	OE 100 Open Elective	1-3
CHIN182H Honors Independent Study in Chinese	1-3	OE 100 Open Elective	1-3
CHIN2820 Independent Advanced Study/Research Chinese	1-3	OE 200 Open Elective	1-3
CHIN282H Adv Honors Independent Study/Research Chinese	1-3	OE 200 Open Elective	1-3



<b><i>Criminal Justice (CJ)</i></b>			
CJ1000 Introduction to Criminal Justice	3	JUS110 Introduction to Criminal Justice	3
CJ1010 Computers in Criminal Justice	2	JUS100 Criminal Justice Elective	2
CJ1050 Introduction to Security	2	ENF100 Law Enforcement Elective	2
CJ1070 Introduction to Corrections	3	COR110 Correction Strategies	3
CJ1111 Constitutional Law for Police	3	JUS100 Criminal Justice Elective	3
CJ1120 Criminal Court Procedure	2	JUS202 Criminal Procedures	2
CJ1130 Criminal Evidence	2	ENF100 Law Enforcement Elective	2
CJ1200 Economic Crime Investigation	3	ENF100 Law Enforcement Elective	3
CJ1320 Ethics in Criminal Justice	2	PHI100 Philosophy Elective	2
CJ1330 Criminal Law	3	JUS201 Criminal Law	3
CJ1370 Security Academy I	4	ENF100 Law Enforcement Elective	4
CJ1380 Police Academy I	6	JUS201 Criminal Law, NAT112 First Aid/CPR/AED, OE 100 Open Elective	3+1 +2
CJ1390 Police Academy II	6	ENF154 Homeland Security Overview, ENF239 Applied Criminal Investigation & Criminalistics	3+3
CJ1400 Assets Protection	4	ENF100 Law Enforcement Elective	4
CJ1500 Community Intervention Resources	4	COR100 Corrections Elective	4
CJ2200 Interviews & Interrogations	3	ENF200 Law Enforcement Elective	3
CJ2210 Organized Crime	3	ENF200 Law Enforcement Elective	3
CJ2230 Undercover Operations	3	ENF200 Law Enforcement Elective	3
CJ2270 Security Academy II	4	ENF200 Law Enforcement Elective	4
CJ2280 Police Academy III	6	ENF200 Law Enforcement Elective	6
CJ2290 Police Academy IV	6	ENF150 Police & Society, ENF200 Law Enforcement Elective	3+3
CJ2300 Juvenile Delinquency	2	COR231 Juvenile Justice Systems	3
CJ2360 Community Oriented Policing	3	ENF200 Law Enforcement Elective	3
CJ2390 The Investigative Process	4	ENF239 Applied Criminal Investigation & Criminalistics	4
CJ2400 Security Management	4	ENF200 Law Enforcement Elective	4
CJ2410 Security Investigation	3	ENF200 Law Enforcement Elective	3
CJ2420 Legal Aspects of Private Security	3	ENF200 Law Enforcement Elective	3
CJ2440 Protection Services	2	ENF200 Law Enforcement Elective	2
CJ2510 Community Supervision & Aftercare	4	COR200 Corrections Elective	4
CJ2530 Correctional Case Management	3	COR200 Corrections Elective	3
CJ2812 Special Topics: Intro to Medicolegal Death Investigation	3	ENF200 Law Enforcement Elective	3
CJ2830 Cooperative Field Experience	1-3	OE 200 Open Elective or JUS200 Criminal Justice Elective	1-3
CJ2840 Corrections: Principles and Practices	3	COR200 Corrections Elective	3
CJ2990 Issues in Supervision	4	ENF200 Law Enforcement Elective	4
<b><i>Construction Engineering Technology (CNST)</i></b>			
CNST1281 Construction Engineering Orientation	3	OE 100 Open Elective	3
CNST1410 Architectural CAD I	3	OE 100 Open Elective	3
CNST1510 Green Building & Sustainability I	3	OE 100 Open Elective	3
CNST1660 Material Testing	2	OE 100 Open Elective	2

CNST1670 Highway Inspection	2	OE 100 Open Elective	2
CNST1740 Fundamentals of Geographic Information Science	3	OE 100 Open Elective	3
CNST1750 Construction Safety	3	OE 100 Open Elective	3
CNST1760 General Industry Safety	2	OE 100 Open Elective	2
CNST1806 Material Testing	2	OE 100 Open Elective	2
CNST2110 Basic Survey Practices	3	OE 200 Open Elective	3
CNST2131 Construction Methods and Materials	3	OE 200 Open Elective	3
CNST2140 Advanced Material Testing & Inspection	2	OE 100 Open Elective	2
CNST2201 Introduction to Building Information Modeling	3	OE 200 Open Elective	3
CNST2210 Mechanical & Electrical Systems	3	OE 200 Open Elective	3
CNST2330 Construction Scheduling	3	OE 200 Open Elective	3
CNST2500 Construction Surveying	3	OE 200 Open Elective	3
CNST2510 Introduction to Asset Management	3	OE 200 Open Elective	3
CNST2535 Legal Principles in Surveying	3	OE 200 Open Elective	3
CNST2540 Ohio Lands	2	OE 200 Open Elective	2
CNST2570 Geodetic Surveying	3	OE 200 Open Elective	3
CNST2631 Construction Management Systems	3	OE 200 Open Elective	3
CNST2830 Cooperative Field Experience	1-3	OE 200 Open Elective	1-3
CNST2990 Construction Estimating & Cost Analysis	3	OE 200 Open Elective	3
<b>Communication Studies (COMM)</b>			
COMM1000 Fundamentals of Interpersonal Communication	3	COM130 Introduction to Speech Communication	3
COMM1010 Fundamentals of Speech Communication	3	COM130 Introduction to Speech Communication	3
COMM101H Honors Speech Communication	3	COM130 Introduction to Speech Communication	3
COMM1050 Voice and Articulation	3	COM100 Communication Elective	3
COM1210 Small Group Communication	3	COM100 Communication Elective	3
COMM179H Honors Contract in Communication Studies	1	OE 100 Open Elective	1
COM1820 Independent Study/Research in Communication Studies	1-3	OE 100 Open Elective or COM100 Communication Elective	3
COM182H Honors Independent Study in Communication Studies	1-3	OE 100 Open Elective or COM100 Communication Elective	3
COMM2000 Introduction to Communication Theory	3	COM200 Communication Elective	3
COMM2020 Interviewing	3	COM200 Communication Elective	3
COMM2050 Oral Interpretation	3	COM200 Communication Elective	3
COMM2110 Argumentation and Debate	3	COM200 Communication Elective	3
COMM2160 Intercultural Communication	3	COM200 Communication Elective	3
COM2180 Principles of Phonetics	3	COM200 Communication Elective	3
COM2813 Special Topics: Speech and Language Development	3	COM200 Communication Elective	3
COMM2820 Indep Adv Study/Research in Communication Studies	1-3	OE 200 Open Elective or COM200 Communication Elective	1-3
<b>Dance (DANC)</b>			
DANC1100 Dance Appreciation	3	ART100 Art Elective	3
DANC1200 Conditioning for the Performing Arts I	1	OE 100 Open Elective	1
DANC1220 Theatre Dance/Stage Movement	3	ART100 Art Elective	3
DANC1401 African Dance I	1	OE 100 Open Elective	1
DANC1501 Dance Fundamentals	3	ART100 Art Elective	3
DANC1510 Dance II	3	ART100 Art Elective	3
DANC1520 Ballet I	1	OE 100 Open Elective	1
DANCE1530 Contemporary/Modern Dance I	2	ART100 Art Elective	2

DANC1540 Jazz Dance I	1	OE 100 Open Elective	1
DANC1820 Independent Study in Dance	1-3	OE 100 Open Elective or ART100 Art Elective	1-3
DANC182H Honors Independent Study in Dance	1-3	OE 100 Open Elective or ART100 Art Elective	1-3
DANC2300 Dance III: Technique	2	ART200 Art Elective	2
DANC2310 Dance IV: Technique	2	ART200 Art Elective	2
DANC2400 African Dance II	1	OE 200 Open Elective	1
DANC2520 Ballet II	1	OE 200 Open Elective	1
DANC2530 Contemporary/Modern Dance II	2	ART200 Art Elective	2
DANC2540 Jazz Dance II	1	OE 200 Open Elective	1
DANC600 Dance Improvisation and Choreography	1	OE 200 Open Elective	1
DANC2620 Ballet III	1	OE 200 Open Elective	1
DANC2630 Contemporary/Modern Dance III	2	ART200 Art Elective	2
DANC2730 Teaching Dance	3	ART200 Art Elective	3
DANC2820 Independent Advanced Study in Dance	1-3	OE 200 Open Elective or ART200 Art Elective	1-3
DANC282H Advanced Honors Independent Study in Dance	1-3	OE 200 Open Elective or ART200 Art Elective	1-3
DANC2940 Field Experience	1-3	OE 200 Open Elective or ART200 Art Elective	1-3
<b>Dental Hygiene (DENT)</b>			
DENT1300 Preventive Oral Health Services I	4	OE 100 Open Elective	4
DENT1311 Dental Anatomy, Histology, & Embryology	2	OE 100 Open Elective	2
DENT1320 Dental Hygiene Fundamentals	1	OE 100 Open Elective	1
DENT1331 Dental Imaging	3	OE 100 Open Elective	3
DENT1341 Foundational Principles of Dental Hygiene Practice	1	OE 100 Open Elective	1
DENT1400 Preventive Oral Health Services II	5	OE 100 Open Elective	5
DENT1410 Current Concepts in Dental Materials	2	OE 100 Open Elective	2
DENT1420 Periodontics I	2	OE 100 Open Elective	2
DENT1431 Head and Neck Anatomy	2	OE 100 Open Elective	2
DENT1440 General and Oral Pathology	2	OE 100 Open Elective	2
DENT2100 Dental Hygiene Clinical Skills Reinforcement	1-2	OE 100 Open Elective	1-2
DENT2200 Local Anesthesia & Pain Management	2	OE 200 Open Elective	2
DENT2300 Preventative Oral Health Services III	5	OE 200 Open Elective	5
DENT2321 Periodontics II	2	OE 200 Open Elective	2
DENT2332 Pharmacology & Therapeutics	2	OE 200 Open Elective	2
DENT2340 Community Oral Health I	1	OE 200 Open Elective	1
DENT2400 Preventive Oral Health Services IV	5	OE 200 Open Elective	5
DENT2440 Community Oral Health II	1	OE 200 Open Elective	1
DENT2820 Independent Study/Research in Dental Hygiene	1-3	OE 200 Open Elective	1-3
DENT2990 Dental Hygiene Practice	1	OE 200 Open Elective	1
<b>Dietetic Technology (DIET)</b>			
DIET1050 Sports Nutrition	3	OE 100 Open Elective	3
DIET1200 Basic Nutrition	3	OE 100 Open Elective	3
DIET1220 Nutrition for Dental Hygiene	2	OE 100 Open Elective	2
DIET1310 Introduction to Dietetics	2	OE 100 Open Elective	2
DIET1320 Nutrition Applications	1	OE 100 Open Elective	1
DIET1331 Food Production Fundamentals	4	OE 100 Open Elective	4
DIET1580 Cost Control Procedures	1	OE 100 Open Elective	1

DIET1590 Purchasing Procedures	1	OE 100 Open Elective	1
DIET1600 Introduction to Supervision	3	OE 100 Open Elective	3
DIET1802 Special Topics in Dietary Management	1	OE 100 Open Elective	1
DIET1820 Independent Study/Research in Dietetic Technology	1-3	OE 100 Open Elective	1-3
DIET182H Honors Indp/ Study in Diet	1-3	OE 100 Open Elective	1-3
DIET1850 Food & Nutrition Systems Practicum	4	OE 100 Open Elective	4
DIET1940 Dietary Managers Field Experience	1	OE 100 Open Elective	1
DIET2301 Medical Nutrition Therapy I	3	OE 200 Open Elective	3
DIET2311 Medical Nutrition Therapy II	3	OE 200 Open Elective	3
DIET2320 Medical Nutrition Therapy III	2	OE 200 Open Elective	2
DIET2410 Life Cycle Nutrition-Pregnancy & Lactation	1	OE 200 Open Elective	1
DIET2420 Life Cycle Nutrition-Nutrition for Children	1	OE 200 Open Elective	1
DIET2430 Life Cycle Nutrition-Nutrition through Adulthood	1	OE 200 Open Elective	1
DIET2501 Nutrition Applications In Long Term Care	2	OE 200 Open Elective	2
DIET2820 Adv Independent Study/Research in Dietetic Techn	1-3	OE 200 Open Elective	1-3
DIET2850 Medical Nutrition Care Practicum	2	OE 200 Open Elective	2
DIET2862 Geriatric Nutrition Practicum	2	OE 200 Open Elective	2
DIET2863 Community Nutrition Practicum	2	OE 200 Open Elective	2
DIET2990 Dietetic Technology Professional Development Skills	2	OE 200 Open Elective	2
<b>Diagnostic Medical Sonography (DMS)</b>			
DMS1071 Concepts of Physics in Diagnostic Sonography	2	OE 100 Open Elective	2
DMS1303 Introduction to Sonography	2	OE 100 Open Elective	2
DMS1311 Initial Sonographic Scanning	2	OE 100 Open Elective	2
DMS1320 Introduction to Sonographic Scanning	1	OE 100 Open Elective	1
DMS1351 Patient Care Skills	1	OE 100 Open Elective	1
DMS1381 Cardiac Diagnostic Procedures	3	OE 100 Open Elective	3
DMS1401 Abdominal Sonography I	4	OE 100 Open Elective	4
DMS1500 Gynecologic & Obstetrical Sonography	4	OE 100 Open Elective	4
DMS1602 Echocardiography I	4	OE 100 Open Elective	4
DMS1701 Vascular Sonography I	4	OE 100 Open Elective	4
DMS1820 Independent Study in Diagnostic Medical Sonography	1-3	OE 100 Open Elective	1-3
DMS1940 Field Experience I	1	OE 100 Open Elective	1
DMS1950 Field Experience II	2	OE 100 Open Elective	2
DMS2301 Intermediate Sonographic Scanning	2	OE 200 Open Elective	2
DMS2330 Sonographic Pathology	3	OE 200 Open Elective	3
DMS2350 Sonographic Instruments/Physics	3	OE 200 Open Elective	3
DMS235A Sonographic Principles, Performance, & Safety	2	OE 200 Open Elective	2
DMS235B Doppler Principles & Instrumentation	1	OE 200 Open Elective	1
DMS2401 Abdominal Sonography II	4	OE 200 Open Elective	4
DMS2450 Breast Sonography	2	OE 200 Open Elective	2
DMS2500 Obstetrical Sonography	4	OE 200 Open Elective	4
DMS2602 Echocardiography II	4	OE 200 Open Elective	4
DMS2650 Pediatric Cardiac Sonography	3	OE 200 Open Elective	3
DMS2702 Vascular Sonography II	4	OE 200 Open Elective	4
DMS2750 Princ of Vascular Imaging for Abd & Cardiac Sonogram	3	OE 200 Open Elective	3
DMS2760 Transcranial Doppler Sonography	1	OE 200 Open Elective	1

DMS281S Special Adv Lab Topics in Diagnostic Med Sonography	1-3	OE 200 Open Elective	1-3
DMS2820 Independent Advanced Study	1-3	OE 200 Open Elective	1-3
DMS2940 Field Experience III	3	OE 200 Open Elective	3
DMS2950 Field Experience IV	1	OE 200 Open Elective	1
DMS2960 Supplemental Field Experience	2	OE 200 Open Elective	2
DMS2981 Specialty Registry Review	1	OE 200 Open Elective	1
DMS2983 Supplemental Specialty Registry Review	1	OE 200 Open Elective	1
DMS2985 Physics Review	1	OE 200 Open Elective	1
DMS2991 Sonography Capstone	1	OE 200 Open Elective	1
<b>Early Childhood Education (ECED)</b>			
ECED1010 Intro to Early Childhd Ed:Childrens Develop&Programs	4	OE 100 Open Elective	4
ECED1301 Language and Literacy in Integrated Curriculum	3	OE 100 Open Elective	3
ECED1311 Art & Creative Expression in an Integrated Curriculum	3	OE 100 Open Elective	3
ECED1321 Math and Science Inquiry in an Integrated Curriculum	3	OE 100 Open Elective	3
ECED1331 Music & Movement in Integrated Curriculum	3	OE 100 Open Elective	3
ECED1400 Administration and Leadership in Early Childhood	4	OE 100 Open Elective	4
ECED1820 Independent Study/Research in Early Childhood	1-3	OE 100 Open Elective	1-3
ECED182H Honors Independent Study in Early Childhood Educ	1-3	OE 100 Open Elective	1-3
ECED1860 Exper w/ Young Children in Early Childhood Settings	3	OE 100 Open Elective	3
ECED2300 Child Behavior & Guidance	3	OE 200 Open Elective	3
ECED2401 Families, Communities & Schools	3	OE 200 Open Elective	3
ECED2500 Infant/Toddler Development,Relationships,&Programs	3	OE 200 Open Elective	3
ECED2601 Classroom Assistant Professional Portfolio	1	OE 200 Open Elective	1
ECED2820 Adv Independent Study/Research in Early Childhood Ed	1-3	OE 200 Open Elective	1-3
ECED282H Honors Adv Indep Study/Res in Early Childhood Ed	1-3	OE 200 Open Elective	1-3
ECED2870 Early Childhood Education Student Teaching Practicum	2	OE 200 Open Elective	2
ECED2990 Early Childhood Education Student Teaching Seminar	3	OE 200 Open Elective	3
<b>Economics (ECON)</b>			
ECON1210 Survey of Economics	3	ECO100 Economics Elective	3
ECON179H Honors Contract in Economics	1	OE 100 Open Elective	1
ECON1820 Independent Study/Research in Economics	1-3	OE 100 Open Elective or ECO100 Economics Elective	1-3
ECON182H Honors Independent Study/Research in Economics	1-3	OE 100 Open Elective or ECO100 Economics Elective	1-3
ECON2000 Principles of Microeconomics	3	ECO222 Principles of Microeconomics	3
ECON2010 Principles of Macroeconomics	3	ECO221 Principles of Macroeconomics	3
ECON279H Sophomore Honors Contract	1	OE 200 Open Elective	1
ECON2820 Advanced Independent Study/Research in Economics	1-3	OE 200 Open Elective or ECO200 Economics Elective	1-3
ECON282H Honors Advanced Independent Study in Economics	1-3	OE 200 Open Elective or ECO200 Economics Elective	1-3
<b>Education (EDUC)</b>			
EDUC1011 Introduction to Education	3	OE 100 Open Elective	3
EDUC1020 Educational Technology	3	OE 100 Open Elective	3
EDUC1411 Individuals with Exceptionalities	3	OE 100 Open Elective	3
EDUC182H Honors Independt Study/Research in Education	1-3	OE 100 Open Elective	1-3
EDUC2050 Human Diversity in Education	3	OE 200 Open Elective	3
EDUC282H Adv Honors Independent Study/Research in Education	1-3	OE 200 Open Elective	1-3

<b>Electrical/Electronic Engineering Technology (EET)</b>			
EET1015 Introduction to Computer Maintenance and Repair	3	OE 100 Open Elective	3
EET1035 Operating Systems and Software for PC Technicians	4	OE 100 Open Elective	4
EET1055 Computer Hardware Support	4	OE 100 Open Elective	4
EET1100 Introductions to Robotics	2	OE 100 Open Elective	2
EET1130 Basic Audio Electronics	3	OE 100 Open Elective	3
EET1140 Productivity Tools for Engineering	2	OE 100 Open Elective	2
EET1150 Basic Robotics with Math	2	OE 100 Open Elective	2
EET1161 Direct Current Circuits	3	OE 100 Open Elective	3
EET1180 Surface Mount Soldering	1	OE 100 Open Elective	1
EET1185 Single Board Computers and Applications	3	OE 100 Open Elective	3
EET1190 Printed Circuit Layout	2	OE 100 Open Elective	2
EET1195 Unmanned Aerial Vehicles	3	OE 100 Open Elective	3
EET1210 AC Electric Circuits	3	OE 100 Open Elective	3
EET1220 Circuits & Electronics for Automation	3	OE 100 Open Elective	3
EET1241 Digital Fundamentals	3	OE 100 Open Elective	3
EET1250 FAA Drone Certification test Preparation	3	OE 100 Open Elective	3
EET1303 Cisco I	3	OE 100 Open Elective	3
EET1600 Industrial Routers, Switches,& Op Sys for Smart Manufact	2	OE 100 Open Elective	2
ET1620 Industrial Protocols&Machine Connectivity for Smart Man	3	OE 100 Open Elective	3
EET1814 Special Topics: FAA Drone Certification Preparation	3	OE 100 Open Elective	3
EET1820 Indep Study/Research in Electrical/Electronic Eng Tech	1-3	OE 100 Open Elective	1-3
EET182S Indep Study/Research in Lab Electrical/Electronic Eng Tec	1-3	OE 100 Open Elective	1-3
EET1910 Directed Practice Electrical Utility Technology I	4	OE 100 Open Elective	4
EET1915 Directed Practice Substation Utility Technology I	4	OE 100 Open Elective	4
EET1920 Directed Practice Electric Utility Technology II	4	OE 100 Open Elective	4
EET1925 Directed Practice Substation Utility Technology II	4	OE 100 Open Elective	4
EET2112 Industrial Electronics	3	OE 200 Open Elective	3
EET2120 Electronics I	3	OE 200 Open Elective	3
EET2160 Surface Mount Soldering	1	OE 200 Open Elective	1
EET2170 Signal Analysis	3	OE 200 Open Elective	3
EET2220 Electronics II	3	OE 200 Open Elective	3
EET2242 C and ASM Programming with Embedded Applications	3	OE 200 Open Elective	3
EET2250 Industrial Electronics II	3	OE 200 Open Elective	3
EET2290 Electrical Design Project	2	OE 200 Open Elective	2
EET2303 Cisco II	3	OE 200 Open Elective	3
EET2313 CISCO III	3	OE 200 Open Elective	3
EET2400 Biomedical Instrumentation I	3	OE 200 Open Elective	3
EET2410 Biomedical Instrumentation II	3	OE 200 Open Elective	3
EET2490 Biomedical Design Project	2	OE 200 Open Elective	2
EET2500 Instrumentation & Control	3	OE 200 Open Elective	3
EEET2520 Programmable Logic Controllers	3	OE 200 Open Elective	3
EET279H Sophomore Honors Contract	1	OE 200 Open Elective	1
EET2830 Cooperative Field Experience	1-3	OE 200 Open Elective	1-3
EET2901 Clinical Internship	3	OE 200 Open Elective	3
EET2910 Directed Practice Electrical Utility Technology III	4	OE 200 Open Elective	4

EET2915 Directed Practice Substation Utility Technology III	4	OE 200 Open Elective	4
EET2920 Directed Practice Electrical Utility Technology IV	4	OE 200 Open Elective	4
EET2925 Directed Practice Substation Utility Technology IV	4	OE 200 Open Elective	4
<b>Emergency Medical Technology (EMT)</b>			
EMT1302 Emergency Medical Technician-Basic	6	OE 100 Open Elective	6
EMT130L EMT Basic Practical Lab	1	OE 100 Open Elective	1
EMT1310 Cardiopulmonary Resuscitation	1	OE 100 Open Elective	1
EMT1320 Heavy Rescue	2	OE 100 Open Elective	2
EMT1330 Defensive Driving EMT	1	OE 100 Open Elective	1
EMT1401 Anatomy & Physiology for Paramedics	4	OE 100 Open Elective	4
EMT2330 Paramedic Theory I	6	OE 200 Open Elective	6
EMT2340 Paramedic Theory II	6	OE 200 Open Elective	6
EMT2350 Paramedic Theory III	6	OE 200 Open Elective	6
EMT2360 Paramedic Theory IV	6	OE 200 Open Elective	6
EMT2371 Paramedic Capstone Course	5	OE 200 Open Elective	5
EMT2400 Advanced Cardiac Life Support	1	OE 200 Open Elective	1
EMT2819 Special Topics in Critical Care Paramedic	5	OE 200 Open Elective	5
EMT2820 Adv Independent Study/Research in Emerg Medical Tech	1-3	OE 200 Open Elective	1-3
<b>Electroneurodiagnostic Technology (END)</b>			
END1300 Introduction to Electroneurodiagnostic Technology	2	OE 100 Open Elective	2
END1312 Cardiopulmonary Anatomy and Physiology	3	OE 100 Open Elective	3
END1350 Introduction to Electroencephalography (EEG)	3	OE 100 Open Elective	3
END1450 Intermediate Electroencephalography (EEG)	3	OE 100 Open Elective	3
END1500 Basic Evoked Potentials	3	OE 100 Open Elective	3
END1911 END Directed Practice I	3	OE 100 Open Elective	3
END2300 Nerve Conduction Studies	3	OE 200 Open Elective	3
END2320 Intermediate Nerve Conduction Studies	3	OE 200 Open Elective	3
END2401 Intraoperative Mon for Electroneurodiagnostic Techn	3	OE 200 Open Elective	3
END2413 Neurophysiology of Electroencephalography/Sleep Dis	3	OE 200 Open Elective	3
END2421 Intermediate Intraoperative Monitoring	3	OE 200 Open Elective	3
END2451 Neonatal/Pediatric Electroencephalography	3	OE 200 Open Elective	3
END2510 Principles of Polysomnography	3	OE 200 Open Elective	3
END2520 Intermediate Polysomnography I	3	OE 200 Open Elective	3
END2530 Intermediate Polysomnography II	3	OE 200 Open Elective	3
END2820 Advanced Independent Study/Research in Elec Techn	1-3	OE 200 Open Elective	1-3
END2911 END Directed Practice II	2	OE 200 Open Elective	2
END2915 Polysomnography Directed Practice I	3	OE 200 Open Elective	3
END2922 END Directed Practice III	3	OE 200 Open Elective	3
END2990 Electroneurodiagnostic Capstone	1	OE 200 Open Elective	1
<b>English (ENG)</b>			
ENG0800 Developmental Special Topics in English	1-3	No Credit	*
ENG0965 Introduction to College Literacies Workshop	2	No Credit	*
ENG0975 Applied College Literacies Workshop	2	No Credit	*
ENG0985 Introduction to College Literacies	4	No Credit	*

ENG0995 Applied College Literacies	4	No Credit	*
ENG1001 Intensive College Reading & Writing	3	No Credit	*
ENG1003 Transition to College English	1	OE 100 Open Elective	1
ENG1005 Reading for College Courses	3	No Credit	*
ENG1010 College Composition I	3	ENG141 Rhetoric and Introductory Research Writing	3
ENG101H Honors College Composition I	3	ENG141 Rhetoric and Introductory Research Writing	3
ENG1020 College Composition II	3	ENG142 Rhetoric and Academic Writing	3
ENG102H Honors College Composition II	3	ENG142 Rhetoric and Academic Writing	3
ENG179H Honors Contract in English	1	OE 100 Open Elective	1
ENG1820 Independent Study/Research in English	1-3	OE 100 Open Elective Or ENG	1-3
ENG182H Honors Independent Study/ Research in English	1-3	OE 100 Open Elective Or ENG	1-3
ENG2010 Creative Writing	3	ENG200 English Elective	3
ENG2020 Women Writers on the Experiences of Women	3	ENG200 English Elective	3
ENG2151 Technical Writing	3	ENG152 Introduction to Technical Writing	3
ENG2310 American Literature I	3	ENG200 English Elective	3
ENG2320 American Literature II	3	ENG200 English Elective	3
ENG2350 British Literature I	3	ENG200 English Elective	3
ENG2360 British Literature II	3	ENG200 English Elective	3
ENG2410 Introduction to Literature: Poetry	3	ENG200 English Elective	3
ENG2420 Introduction to Literature: Fiction	3	ENG200 English Elective	3
ENG2430 Introduction to Literature: Drama	3	ENG200 English Elective	3
ENG2450 Introduction to Literature: Fiction	3	ENG200 English Elective	3
ENG2510 African-American Literature I	3	ENG200 English Elective	3
ENG2520 African-American Literature II	3	ENG200 English Elective	3
ENG2601 Literature for Children and Adolescents	3	ENG200 English Elective	3
ENG2700 World Literature	3	ENG200 English Elective	3
ENG2710 Shakespeare	3	ENG200 English Elective	3
ENG2730 Exploration Of World Mythology	3	ENG200 English Elective	3
ENG2740 Literature & Film	3	ENG200 English Elective	3
ENG2760 Detective Fiction: Mystery, Murder, and Malice	3	ENG200 English Elective	3
ENG2770 Rhetorics of Gaming: Intro to Video Game Analysis	3	ENG200 English Elective	3
ENG279H Sophomore Honors Contract	1	OE 200 Open Elective	1
ENG2800 Special Topics: Creative Writing: The Memoir	1	OE 200 Open Elective	1
ENG2820 Advanced Independent Study/Research in Literature	1-3	OE 100 Open Elective or ENG200 English Elective	1-3
ENG282H Adv Honors Independent Study/Research in Eng Lit	1-3	OE 100 Open Elective or ENG200 English Elective	1-3
<b>Earth Science (ESCI)</b>			
ESCI1030 Earth	3	NAT100 Natural Science Elective	4
ESCI103L Earth Laboratory	1	NAT100 Natural Science Elective (Combine with ESCI1030)	0
ESCI1040 Weather Studies	3	NAT100 Natural Science Elective	3
ESCI1050 Introduction to Ocean Studies	3	NAT100 Natural Science Elective	3
ESCI1310 Physical Geography	3	NAT100 Natural Science Elective	3
ESCI131L Laboratory in Physical Geography	1	NAT100 Natural Science Elective	1
ESCI1410 Physical Geology	3	NAT100 Natural Science Elective	4
ESCI141L Lab in Physical Geology	1	NAT100 Natural Science Elective (Combine with ESCI1410)	0
ESCI1610 Geology of the National Parks	3	NAT100 Natural Science Elective	4
ESCI161L Laboratory in Geology of the National Parks	1	NAT100 Natural Science Elective (Combine with ESCI1610)	0



ESCI1801 Special Topics in Intro to Sustainability	3	NAT100 Natural Science Elective	3
ESCI1820 Independent Study/Research in Earth Science	1-3	OE 100 Open Elective or NAT100 Natural Science Elective	1-3
ESCI182H Honors Independent Study in Earth Science	1-3	OE 100 Open Elective or NAT100 Natural Science Elective	1-3
ESCI282H Honors Independent Study in Earth Science	1-3	OE 100 Open Elective or NAT100 Natural Science Elective	1-3
<b>English As A Second Language (ESL)</b>			
ESL1020 English as a Second Language: Basic Reading and Writing	6	No Credit	*
ESL1030 English as a Second Language: Basic Grammar for Com	6	No Credit	*
ESL1110 English as a Second Language: Grammar for Comm I	4	No Credit	*
ESL1121 English as a Second Language: Reading and Writing I	4	No Credit	*
ESL1131 English as a Second Language: Speaking and Listening I	4	No Credit	*
ESL1210 English as a Second Language: Grammar for Commun II	4	No Credit	*
ESL1221 English as a Second Language: Reading and Writing II	4	No Credit	*
ESL1231 English as a Second Language: Speaking and Listening II	4	No Credit	*
ESL1310 English as a Second Language: Grammar for Commun II	4	No Credit	*
ESL1321 English as a Second Language: Reading and Writing III	4	No Credit	*
ESL1331 English as a Second Language: Speaking and Listening III	4	No Credit	*
ESL1480 TOEFL Preparation	3	No Credit	*
ESL1510 English as a Second Language: Accelerated Grammar II	6	No Credit	*
ESL1520 English as a Second Language: Accelerated Writing II	3	No Credit	*
ESL1530 Eng as a Second Lang: Accelerated Speaking & Listening II	4	No Credit	*
ESL1540 English as a Second Language: Accelerated Reading II	3	No Credit	*
ESL1810 Special Topics in Reading Novels in English for ESL	2	No Credit	*
ESL1820 Independent Study/Research in English as a Second Lang	1-3	No Credit	*
<b>Film (FILM)</b>			
FILM1020 Story: Pre-Production Methods & Art of Story in Motion	3	OE 100 Open Elective	3
FILM1040 Imagining Basics for Film & Media Arts: On Location	3	OE 100 Open Elective	3
FILM1120 Film and Media Arts Colloquium	1	OE 100 Open Elective	1
FILM1180 Introduction to Film and Media Arts	3	OE 100 Open Elective	3
FILM2110 Editing I	3	OE 200 Open Elective	3
FILM2120 Editing II	3	OE 200 Open Elective	3
FILM2180 Digital Cinematography	3	OE 200 Open Elective	3
FILM2220 Advanced Crew and Set Operations	3	OE 200 Open Elective	3
FILM2280 Short Films: Exploring Genre & Technique	3	OE 200 Open Elective	3
FILM2380 Visual Effects	3	OE 200 Open Elective	3
FILM2480 Motion Graphics	3	OE 200 Open Elective	3
FILM2620 Applied Integrated Media (AIM): Real Wrld Pre-prod	3	OE 200 Open Elective	3
FILM2680 Cinematography II	3	OE 200 Open Elective	3
FILM2720 Applied Integ Media (AIM) II: Real Wrld Prd & Post-Prod	3	OE 200 Open Elective	3
FILM2780 Motion Graphics II	3	OE 200 Open Elective	3
FILM2940 Filed Experience	1-2	OE 200 Open Elective	1-2
FILM2990 Film & Media Arts Professional Prep & Portfolio Review	2	OE 200 Open Elective	2
<b>Financial Management (FIN)</b>			
FIN1061 Personal Finance	3	FIN101 Personal Finance	3
FIN2100 Financial Management	3	FIN200 Finance Elective	3

FIN279H Sophomore Honors Contract	1	OE 200 Open Elective	1
FIN2830 Cooperative Field Experience	1-3	OE 200 Open Elective or FIN200 Finance Elective	1-3
<b>Fire Technology (FIRE)</b>			
FIRE1100 Principles of Emergency Services	3	OE 100 Open Elective	3
FIRE1200 Principles of Fire & Emergency Services Safety&Survival	2	OE 100 Open Elective	2
FIRE1500 Fire behavior and Combustion	2	OE 100 Open Elective	2
FIRE2321 Fire Protection Systems	2	OE 200 Open Elective	2
FIRE2830 Cooperative Field Experience	1-3	OE 200 Open Elective	1-3
<b>French (FREN)</b>			
FREN1010 Beginning French I	4	OE 100 Open Elective	4
FREN1020 Beginning French II	4	OE 100 Open Elective	4
FREN1040 Study Abroad in Quebec-Beginner Level	4	OE 100 Open Elective	4
FREN1820 Independent Study/Research in French	1-3	OE 100 Open Elective	1-3
FREN182H Honors Independent Study/Research in French	1-3	OE 100 Open Elective	1-3
FREN2010 Intermediate French I	3	OE 200 Open Elective	3
FREN2020 Intermediate French II	3	OE 200 Open Elective	3
FREN2040 Study Abroad Quebec- Intermediate Level	4	OE 200 Open Elective	4
FREN2820 Independent Advanced Study/Research in French	1-3	OE 200 Open Elective	1-3
FREN282H Advanced Honors Independent Study/Research in French	1-3	OE 200 Open Elective	1-3
<b>General Studies (GEN)</b>			
GEN1000 Introduction to College	1	No Credit	*
GEN1010 Personal Development	2	OE 100 Open Elective	2
GEN1022 Strategies for Success	3	OE 100 Open Elective	3
GEN1033 College Research Skills	2	OE 100 Open Elective	2
GEN1035 Digital and Technology Literacy for College Students	2	DLT101 Digital Literacy and Technology Readiness	2
GEN1040 Career Exploration	2	OE 100 Open Elective	2
GEN1060 Creative Parenting Skills for Students	2	OE 100 Open Elective	2
GEN1070 First Year Success Seminar	1	No Credit	*
GEN1100 Mental Wellness and the College Student	1	OE 100 Open Elective	1
GEN1811 Special Topics in Technology Basics for College Students	2	OE 100 Open Elective	2
GEN1820 Independent Study/Research in General Studies	1-3	OE 100 Open Elective	1-3
GEN182H Honors Independent Study: General Studies	1-3	OE 100 Open Elective	1-3
GEN282H Advanced Honors Independent Study: General Study	1-3	OE 200 Open Elective	1-3
<b>Geography (GEOG)</b>			
GEOG1000 Introduction to Geography	3	CUL100 Cultural Studies Elective	3
GEOG1010 World Regional Geography	3	CUL100 Cultural Studies Elective	3
GEOG1050 Africans in the Americas	3	CUL100 Cultural Studies Elective	3
GEOG1510 Regional Geography of the US & Canada	3	CUL100 Cultural Studies Elective	3
GEOG1740 Fundamentals of Geographic Information Science	3	OE 100 Open Elective	3
GEOG179H Honors Contract in Geography	1	OE 100 Open Elective	1
GEOG1820 Independent Study/Research in Geography	1-3	OE 100 Open Elective or CUL100 Cultural Studies Elective	1-3
GEOG182H Honors Independent Study/Research in Geography	1-3	OE 100 Open Elective or CUL100 Cultural Studies Elective	1-3
GEOG2030 Environmental Geography	3	NAT200 Natural Science Elective	3

GEOG282H Adv Honors Independent Study/Research in Geo	1-3	OE 200 Open Elective	1-3
<b>German (GER)</b>			
GER1010 Beginning German I	4	OE 100 Open Elective	4
GER1020 Beginning German II	4	OE 100 Open Elective	4
GER1820 Independent Study/Research in German	1-3	OE 100 Open Elective	1-3
GER182H Honors Independent Study in German	1-3	OE 100 Open Elective	1-3
GER2820 Advanced Independent Study/Research in German	1-3	OE 200 Open Elective	1-3
GER282H Honors Adv Independent Study/Research in German	1-3	OE 200 Open Elective	1-3
<b>Health Information Management Technology (HIM)</b>			
HIM1060 Health Unit Coordinator	3	OE 100 Open Elective	3
HIM1112 Physician Office Coding	4	OE 100 Open Elective	4
HIM1121 Medical Billing Practices	2	OE 100 Open Elective	2
HIM1301 Introduction to Health Information Management	3	OE 100 Open Elective	3
HIM1311 Legal Aspects of Health Care	3	OE 100 Open Elective	3
HIM1401 Systems in Healthcare Delivery	2	OE 100 Open Elective	2
HIM1411 Healthcare Statistical Applications & Research	2	OE 100 Open Elective	2
HIM1423 Health Data Documen,Sources&Classification Systems	3	OE 100 Open Elective	3
HIM1432 Computer Systems in Health Information Management	3	OE 100 Open Elective	3
HIM1820 Independent Study/Research in Health Information Mgt	1-3	OE 100 Open Elective	1-3
HIM2130 Coding with CPT(Current Procedural Terminology)	2	OE 200 Open Elective	2
HIM2160 Coding with ICD-10-CM	2	OE 200 Open Elective	2
HIM2200 Project Management for Health Info Professional	2	OE 200 Open Elective	2
HIM2260 Coding with ICD-10-PCS	2	OE 200 Open Elective	2
HIM2312 Quality Assessment & Improvement	3	OE 200 Open Elective	3
HIM2401 Intermediate Coding	2	OE 200 Open Elective	2
HIM2410 Management Practices in Health Information	2	OE 200 Open Elective	2
HIM2430 Medical Reimbursement Methodologies	2	OE 200 Open Elective	2
HIM2441 Project Management Capstone	2	OE 200 Open Elective	2
HIM2500 Introduction to Cancer Registry and Disease Mgt	2	OE 200 Open Elective	2
HIM2510 The Cancer Disease Process and Management	3	OE 200 Open Elective	3
HIM2520 Oncology Coding and Staging	3	OE 200 Open Elective	3
HIM2530 Oncology Treatment and Coding	3	OE 200 Open Elective	3
HIM2540 Abstracting Principles and Methodologies for Oncology	3	OE 200 Open Elective	3
HIM2550 Database Analytics, Quality and Tracking	3	OE 200 Open Elective	3
HIM2560 Oncology Database and Manuals	3	OE 200 Open Elective	3
HIM2820 Adv Independent Study/Research in Hlth Info Mgt	1-3	OE 200 Open Elective	1-3
HIM2851 Practicum I	3	OE 200 Open Elective	3
HIM2861 Practicum II	3	OE 200 Open Elective	3
HIM2870 Clinical Professional Practice Experience for Cancer Registry	2	OE 200 Open Elective	2
<b>History (HIST)</b>			
HIST1010 History of Civilization I	3	HIS100 History Elective	3
HIST101H Honors History of Civilization I	3	HIS100 History Elective	3
HIST1020 History of Civilization II	3	HIS100 History Elective	3

HIST102H Honors History of Civilization II	3	HIS100 History Elective	3
HIST1510 United States History to 1877	3	HIS100 History Elective	3
HIST151H Honors United States History to 1877	3	HIS100 History Elective	3
HIST1520 United States History Since 1877	3	HIS100 History Elective	3
HIST152H Honors United States History Since 1877	3	HIS100 History Elective	3
HIST1630 History of Immigration in America	3	HIS100 History Elective	3
HIST1700 History of Africa	3	HIS100 History Elective	3
HIST179H Honors Contract in History	1	HIS100 History Elective	1
HIST1820 Independent Study/Research in History	1-3	OE 100 Open Elective	1-3
HIST182H Honors Independent Study/Research in History	1-3	OE 100 Open Elective or HIS100 History Elective	1-3
HIST2031 Islam to the Modern Middle East	3	HIS200 History Elective	3
HIST2040 Native American History	3	HIS200 History Elective	3
HIST2080 Latin American History	3	HIS200 History Elective	3
HIST2090 Ohio History	3	HIS200 History Elective	3
HIST2150 African American History to 1877	3	HIS200 History Elective	3
HIST2160 African American History 1877-present	3	HIS200 History Elective	3
HIST2520 Hitler and the Holocaust	3	HIS200 History Elective	3
HIST2660 Women in American History	3	HIS200 History Elective	3
HIST2700 History of Modern Africa	3	HIS200 History Elective	3
HIST279H Sophomore Honors Contract	1	OE 200 Open Elective	1
HIST280H Honors Special Topics: History	1-3	OE 200 Open Elective or HIS200 History Elective	1-3
HIST2820 Independent Advanced Study/Research in History	1-3	OE 200 Open Elective or HIS200 History Elective	1-3
HIST282H Advanced Honors Independent Study in History	1-3	OE 200 Open Elective or HIS200 History Elective	1-3
<b>Health (HLTH)</b>			
HLTH1100 Personal Health Education	3	NAT100 Natural Science Elective	3
HLTH1230 Standard First Aid & Personal Safety	1	OE 100 Open Elective or NAT112 First Aid/CPR/AED (Combined with HLTH1310)	1
HLTH1320 CPR-AED for Healthcare Professionals	1	NAT112 First Aid/CPR/AED	1
HLTH179H Honors Contract: Health	1	OE 100 Open Elective	1
HLTH1782H Honors Independent Study/Research in Health	1-3	OE 100 Open Elective	1-3
HLTH2500 Women's Health Issues	3	NAT200 Natural Science Elective	3
HLTH282H Honors Independent Study/Research in Health	1-3	OE 200 Open Elective	1-3
<b>Hospitality Management (HOSP)</b>			
HOSP1010 Introduction to the Hospitality Industry	2	OE 100 Open Elective	2
HOSP1020 Sanitation and Safety	2	OE 100 Open Elective	2
HOSP1031 Fundamentals of Culinary Arts	3	OE 100 Open Elective	3
HOSP1040 Customer Service	2	OE 100 Open Elective	2
HOSP1180 Event Planning Essentials	2	OE 100 Open Elective	2
HOSP1360 Fundamentals of Restaurant/Foodservice Mgt	3	OE 100 Open Elective	3
HOSP1380 Dimensions of Tourism	3	OE 100 Open Elective	3
HOSP1451 Contemporary Cuisine	4	OE 100 Open Elective	4
HOSP1481 Housekeeping and Facilities Management	3	OE 100 Open Elective	3
HOSP1540 Lodging Operations Lab	1	OE 100 Open Elective	1
HOSP1552 Introduction to Baking & Pastries	3	OE 100 Open Elective	3
HOSP1580 Front Office Operations	2	OE 100 Open Elective	2

HOSP1650 Dining Room Operations	2	OE 100 Open Elective	2
HOSP1680 Beverage Management	2	OE 100 Open Elective	2
HOSP1710 Doing Business as a Personal Chef	3	OE 100 Open Elective	3
HOSP1820 Independent Study in Hospitality Management	1-3	OE 100 Open Elective	1-3
HOSP182H Honors Independent Study/Research in Hospitality Mgt	1-3	OE 100 Open Elective	1-3
HOSP1940 Culinary Arts/Professional Baking Field Experience	1-3	OE 100 Open Elective	1-3
HOSP1950 Restaurant/Food Service Mgt Field Experience	1-3	OE 100 Open Elective	1-3
HOSP1960 Lodging/Tourism Field Experience	1-3	OE 100 Open Elective	1-3
HOSP2180 Event Planning Workshop	2	OE 200 Open Elective	2
HOSP2330 Menus and Facilities Planning & Design	3	OE 200 Open Elective	3
HOSP2350 Restaurant Operations	3	OE 200 Open Elective	3
HOSP2360 Restaurant Marketing	2	OE 200 Open Elective	2
HOSP2371 Restaurant/Foodservice Entrepreneurship	3	OE 200 Open Elective	3
HOSP2380 Hospitality Marketing & Sales	3	OE 200 Open Elective	3
HOSP2400 Hospitality Management & Supervision	3	OE 200 Open Elective	3
HOSP2480 Hospitality Law	3	OE 200 Open Elective	3
HOSP2500 Hospitality Cost Control	3	OE 200 Open Elective	3
HOSP2550 Baking Production & Sales II	3	OE 200 Open Elective	3
HOSP2560 Grade Manger	3	OE 200 Open Elective	3
HOSP2580 Convention Management & Meeting Planning	2	OE 200 Open Elective	2
HOSP2651 Banquet Management & Production	4	OE 200 Open Elective	4
HOSP2700 Hospitality Purchasing	2	OE 200 Open Elective	2
HOSP2801 Special Topics: Study Abroad: Italian Regional Cuisine	1	OE 200 Open Elective	1
HOSP2820 Independent Adv Study/Research in Hospitality Mgt	1-3	OE 200 Open Elective	1-3
HOSP282H Honors Independent Adv Study/Research in Hosp Mgt	1-3	OE 200 Open Elective	1-3
HOSP282T Independent Adv Lab Study/Research in Hosp Mgt	1-3	OE 200 Open Elective	1-3
HOSP2862 Lodging and Tourism Management Experience	1	OE 200 Open Elective	1
HOSP2871 Food & Beverage Management Experience	2	OE 200 Open Elective	2
HOSP2992 Culinary Evaluation & American Regional Cuisine	2	OE 200 Open Elective	2
<b>Human Services (HS)</b>			
HS1101 Foundations of Substance Abuse&Addiction,&Group Work	4	OE 100 Open Elective	4
HS1110 Crisis Intervention & Child Abuse Issues	3	OE 100 Open Elective	3
HS1120 Suicide Prevention & Intervention	2	OE 100 Open Elective	2
HS1200 Treatment Modalities&Diversity Issues in Chem Depend	4	OE 100 Open Elective	4
HS1210 Prevention & Chemical Dependency	2	OE 100 Open Elective	2
HS1220 Diagnostic Tools & Legal Considerations	4	OE 100 Open Elective	4
HS1300 Introduction to Human Services	3	OE 100 Open Elective	3
HS1820 Independent Study/Research in Human Services	1-3	OE 100 Open Elective	1-3
HS1850 Introduction to Human Services Principles & Practices	5	OE 100 Open Elective	5
HS2200 Ethics in Chemical Dependency	3	OE 200 Open Elective	3
HS2300 Family Theory & Services	4	OE 200 Open Elective	4
HS2600 Systems Approach to Case Management	4	OE 200 Open Elective	4
HS2820 Adv Independent Study/Research in Human Services	1-3	OE 200 Open Elective	1-3
HS2850 Human Services Principles & Practices I	5	OE 200 Open Elective	5
HS2860 Human Services Principles & Practices II	3	OE 200 Open Elective	3
HS2990 Human Services Capstone	2	OE 200 Open Elective	2

<b>Health Technologies (HTEC)</b>			
HTEC1010 Health Careers Professionalism	2	OE 100 Open Elective	2
HTEC1040 Health Career Exploration	1	OE 100 Open Elective	1
HTEC1110 Ethics for Health Care Professionals	1	OE 100 Open Elective	1
HTEC1120 Critical Thinking in Healthcare	1	OE 100 Open Elective	1
HTEC1610 Introduction to Pharmacology	2	OE 100 Open Elective	2
HTEC1820 Independent Study/Research in Health Technology	1-3	OE 100 Open Elective	1-3
<b>Humanities (HUM)</b>			
HUM1010 Introduction to Humanities	3	CUL100 Cultural Science Elective	3
HUM1020 The Individual in Society	3	CUL100 Cultural Science Elective	3
HUM102H Honors Individual in Society	3	CUL100 Cultural Science Elective	3
HUM1030 The Individual in the Cosmos	3	CUL100 Cultural Science Elective	3
HUM1100 Leadership Development Studies	3	CUL100 Cultural Science Elective	3
HUM175H Honors Forum: Critical Issues	3	CUL100 Cultural Science Elective	3
HUM179H Honors Contract in Humanities	1	OE 100 Open Elective	1
HUM1812 Special Topics: Humanities and Leadership	3	CUL100 Cultural Science Elective	3
HUM1820 Independent Study/Research in Humanities	1-3	OE 100 Open Elective or CUL100 Cultural Science Elective	1-3
HUM182H Honors Independent Study/Research in Humanities	1-3	OE 100 Open Elective or CUL100 Cultural Science Elective	1-3
HUM2020 Community Engagement Through the Humanities	3	CUL200 Cultural Science Elective	3
HIM2030 Culture and Belief	3	CUL200 Cultural Science Elective	3
HIM282H Honors Adv Independent Study/Research: Humanities	1-3	OE 200 Open Elective or CUL200 Cultural Science Elective	1-3
<b>Interior Design (INTD)</b>			
INDT1101 Hand Drafting and Sketching for Interiors	2	OE 100 Open Elective	2
INTD1111 Introduction to Interior Design	3	OE 100 Open Elective	3
INTD1120 Architectural Drafting for Interiors I	3	OE 100 Open Elective	3
INTD1130 Architectural Drafting for Interiors II	3	OE 100 Open Elective	3
INTD1150 Color and Textile Studio	3	OE 100 Open Elective	3
INDT1820 Independent Study/Research in Interior Design	1-3	OE 100 Open Elective	1-3
INTD2300 Interior Design Studio I	3	OE 200 Open Elective	3
INTD2320 History of Interiors	3	OE 200 Open Elective	3
INTD2330 Interior Design Materials & Sources	3	OE 200 Open Elective	3
INTD2380 Fundamentals of Lighting	3	OE 200 Open Elective	3
INTD2400 Interior Design Studio II	3	OE 200 Open Elective	3
INTD2430 Architectural Materials & Methods	3	OE 200 Open Elective	3
INTD2460 Interior Design Presentation	3	OE 200 Open Elective	3
INTD2471 Professional Practice of Interior Design	2	OE 200 Open Elective	2
INTD2815 Special Topics in Adv Architectural Draft for Interiors	3	OE 200 Open Elective	3
INTD2820 Adv Independent Study/Research in Interior Design	1-3	OE 200 Open Elective	1-3
INTD2851 Interior Design Field Experience	1	OE 200 Open Elective	1
<b>Integrated Systems Engineering Technology (ISET)</b>			
ISET1000 Numerical Applications in Electrical & Mech Maint	2	OE 100 Open Elective	2
ISET1101 Welding Blue Print Reading	3	OE 100 Open Elective	3
ISET1110 Oxyfuel Processes/Plasma Processes	4	OE 100 Open Elective	4

ISSET1301 Mechanical/Electrical Print Reading	3	OE 100 Open Elective	3
ISSET1310 Mechanical Power Transmission	2	OE 100 Open Elective	2
ISSET1320 Fundamentals of Fluid Power	2	OE 100 Open Elective	2
ISSET1340 Industrial Piping & Tubing	2	OE 100 Open Elective	2
ISSET1410 Applied Electricity I	3	OE 100 Open Elective	3
ISSET1420 Applied Electricity II	3	OE 100 Open Elective	3
ISSET1450 Heating Ventilation AC/Refrigeration I	2	OE 100 Open Elective	2
ISSET1460 Fundamental Boiler Technology	3	OE 100 Open Elective	3
ISSET1802 Special Topics in 3G Welding	3	OE 100 Open Elective	3
ISSET1803 Special Topics in Fillet Welding	1	OE 100 Open Elective	1
ISSET1812 Special Topics in 6G Welding	3	OE 100 Open Elective	3
ISSET1820 Independent Study in ISET	1-3	OE 100 Open Elective	1-3
ISSET2100 Gas Metal Arc Welding (MIG)	4	OE 200 Open Elective	4
ISSET2110 Gas Tungsten Arc Welding (TIG)	4	OE 200 Open Elective	4
ISSET2120 Shielded Metal Arc Welding (STICK)	4	OE 200 Open Elective	4
ISSET2140 Non-Destructive Testing	3	OE 200 Open Elective	3
ISSET2151 Robotic Welding	4	OE 200 Open Elective	4
ISSET2160 Structural Fabrication	4	OE 200 Open Elective	4
ISSET2170 Flux-Cored Arc Welding (FCAW)	4	OE 200 Open Elective	4
ISSET2200 Industrial Motor Controls	3	OE 200 Open Elective	3
ISSET2210 Commercial Wiring	3	OE 200 Open Elective	3
ISSET2220 Fundamentals of Electronics & Instrumentation	3	OE 200 Open Elective	3
ISSET2240 Applied National Electric Code	3	OE 200 Open Elective	3
ISSET2450 Heating Ventilation Air Conditioning/ Refrigeration II	2	OE 200 Open Elective	2
ISSET2460 Applied Boiler Technology	2	OE 200 Open Elective	2
ISSET2500 Programmable Logic Controllers Maintenance I	3	OE 200 Open Elective	3
ISSET2511 Programmable Logic Controllers Maintenance II	3	OE 200 Open Elective	3
ISSET2990 Reliability Centered Maintenance	3	OE 200 Open Elective	3
<b>Information Technology (IT)</b>			
IT1025 Information Technology Concepts for Programmers	3	CST100 Computer Science Elective	3
IT1050 Programming Logic	3	CST100 Computer Science Elective	3
IT1090 Computer Applications	3	DLT101 Digital Literacy and Technology Readiness	3
IT109H Honors Computer Applications	3	DLT101 Digital Literacy and Technology Readiness	3
IT1200 Introduction to Software Quality Assurance	4	CST100 Computer Science Elective	4
IT1815 Introduction to Blockchain	3	CST100 Computer Science Elective	3
IT1816 Special Topics: Introduction to Quality Assurance	3	CST100 Computer Science Elective	3
IT1819 Special Topics in Machine Learning	4	CST100 Computer Science Elective	4
IT1820 Independent Study/Research in Information Technology	1-3	OE 100 Open Elective or CST100 Computer Science Elective	1-3
IT2030 ASP.NET Web Programming	4	CST201 Intro to Programming or CIS201 Programming	4
IT2070 Introduction to Data Science and Analytics	3	CST200 Computer Science Elective	3
IT2080 Data Visualization	4	CST200 Computer Science Elective	4
IT2090 Data Analytics Programming	4	CST200 Computer Science Elective	4
IT2100 IOS Application Programming	4	CST200 Computer Science Elective	4
IT2110 Android Mobile App Development	3	CST200 Computer Science Elective	3
IT2200 Software Quality Assurance Techniques	4	CST200 Computer Science Elective	4
IT2310 Web Programming	3	CST200 Computer Science Elective	3

IT2320 Interactive Internet Programming	4	CST200 Computer Science Elective	4
IT2351 Enterprise Database Systems	4	CST285 Spreadsheet Appl &Data Analysis Decision Making	4
IT2400 Unity Game Programming	3	CST200 Computer Science Elective	3
IT2500 Software Testing Automation	4	CST200 Computer Science Elective	4
IT2600 E-Business Programming Technologies	3	CST200 Computer Science Elective	3
IT2650 Java Programming	4	CST201 Intro to Programming	4
IT2660 Data Structure & Algorithms	4	CST200 Computer Science Elective	4
IT2670 C/C++ Programming Language	4	CST200 Computer Science Elective	4
IT2680 Visual C# .NET	4	CST200 Computer Science Elective	4
IT2700 Systems Analysis & Design	3	CST212 Systems Analysis and Design	3
IT2710 Advanced Topics in Network Security	3	CST200 Computer Science Elective	3
IT2720 Ethical Hacking and systems Defense	3	CDS200 Cyber Defense Elective	3
IT2730 Intrusion Detection/Prevention Systems Fundamentals	3	CDS200 Cyber Defense Elective	3
IT2740 Fund of Client Op Systems and Hardware for Cybersecurity	4	CDS200 Cyber Defense Elective	4
IT2750 Scripting Fundamentals for Cybersecurity	3	CDS200 Cyber Defense Elective	3
IT2760 Introduction to Digital Forensics	3	CDS200 Cyber Defense Elective	3
IT2802 Special Topics in Hybrid App Development	4	CST200 Computer Science Elective	4
ITA2812 Special Topics in Machine Learning	4	CST200 Computer Science Elective	4
IT2815 Special Topics: Blockchain Applications	3	CST200 Computer Science Elective	3
IT2816 Special Topics: QA-2- Software Testing	3	CST200 Computer Science Elective	3
IT2818 Special Topics: Server-side Web Programming	4	CST200 Computer Science Elective	4
IT2819 Special Topics: Python Programming	4	CST200 Computer Science Elective	4
IT2820 Advanced Independent Study in Information Technology	1-3	OE 200 Open Elective or CST200 Computer Science Elective	1-3
IT2830 Cooperative Field Experience	1-3	OE 200 Open Elective or CST200 Computer Science Elective	1-3
<b>Italian (ITAL)</b>			
ITAL1010 Beginning Italian I	4	OE 100 Open Elective	4
ITAL1020 Beginning Italian II	4	OE 100 Open Elective	4
ITAL1820 Independent Study/Research in Italian	1-3	OE 100 Open Elective	1-3
ITAL182H Honors Independent Study Italian	1-3	OE 100 Open Elective	1-3
ITAL2010 Intermediate Italian I	3	OE 200 Open Elective	3
ITAL2020 Intermediate Italian II	3	OE 200 Open Elective	3
ITAL2410 Italian Conversation & Composition	3	OE 200 Open Elective	3
ITAL2420 Italian Civilization, Culture & Literature	3	OE 200 Open Elective	3
ITAL282H Adv Honors Independent Study/Research in Italian	1-3	OE 200 Open Elective	1-3
<b>Information Technology (Networking Software) (ITNT)</b>			
ITNT2300 Networking Fundamentals	3	CST230 Networking Fundamentals	3
ITNT2310 TCP/IP	3	CST200 Computer Science Elective	3
ITNT2320 Network Administration I	3	CST200 Computer Science Elective	3
ITNT2370 Network Security Fundamentals	3	CST200 Computer Science Elective	3
ITNT2380 Linux Administration	3	CST200 Computer Science Elective	3
ITNT2420 Network Administration II	3	CST200 Computer Science Elective	3
ITNT2814 Special Topics AWS Cloud Foundations	3	CST200 Computer Science Elective	3
ITNT2815 Cloud Computing Fundamentals	3	CST200 Computer Science Elective	3
ITNT2816 Special Topics Cloud and Azure Fundamentals	3	CST200 Computer Science Elective	3
ITNT2819 Special Topics Azure Certifications AZ-900/AI900	3	CST200 Computer Science Elective	3



INT2820 Adv Independent Study/Research in Networking Software	1-3	OE 200 Open Elective or CST200 Computer Sci Elective	1-3
ITNT2990 Networking Capstones	3	CST200 Computer Science Elective	3
<b>Japanese (JAPN)</b>			
JAPN1011 Beginning Japanese Language & Culture I	4	OE 100 Open Elective	4
JAPN1021 Beginning Japanese Language & Culture II	4	OE 100 Open Elective	4
JAPN182H Honors Independent Study in Japanese	1-3	OE 100 Open Elective	1-3
<b>Medical Assisting (MA)</b>			
MA1010 Introduction to Medical Terminology	2	OE 100 Open Elective	2
MA1020 Medical Terminology I	3	OE 100 Open Elective	3
MA1321 Medical Office Laboratory Procedures	2	OE 100 Open Elective	2
MA132L Medical Office Laboratory Procedures	1	OE 100 Open Elective	1
MAT1403 Basic Clinical Medical Assisting	1	OE 100 Open Elective	1
MA140L Basic Clinical Medical Assisting Lab	1	OE 100 Open Elective	1
MA1503 Administrative Procedures for the Medical Office	2	OE 100 Open Elective	2
MA150L Administrative Procedures Laboratory	1	OE 100 Open Elective	1
MA1600 EKG- Electrocardiogram Fundamentals	1	OE 100 Open Elective	1
MA1820 Independent Study/Research in Medical Assisting	1-3	OE 100 Open Elective	1-3
MAT182H Honors Independent Study in Medical Assisting	1-3	OE 100 Open Elective	1-3
MA2010 Medical Terminology II	2	OE 200 Open Elective	2
MA2110 Reimbursement for Physician Services	2	OE 200 Open Elective	2
MA2413 Advanced Clinical Medical Assisting	3	OE 200 Open Elective	3
MA241L Advanced Clinical Medical Assisting Lab	1	OE 200 Open Elective	1
MA2420 Medical Assisting Certification Exam Review	1	OE 200 Open Elective	1
MA2600 Patient Navigator Fundamentals	2	OE 200 Open Elective	2
MA2610 Advanced Health Care Delivery Coordination	2	OE 200 Open Elective	2
MA2620 Patient-Centered Medical Home	2	OE 200 Open Elective	2
MA2820 Advanced Independent Study/Research in Medical Assist	1-3	OE 200 Open Elective	1-3
MA2841 Patient Navigator Practicum	1	OE 200 Open Elective	1
MA2860 Medical Assisting Practicum	2	OE 200 Open Elective	2
MA2980 Medical Assisting Seminar	1	OE 200 Open Elective	1
<b>Marketing (MARK)</b>			
MARK1080 Social Media Marketing	3	MKT100 Marketing Elective	3
MARK1820 Independent Study in Marketing	1-3	OE 100 Open Elective or MKT100 Marketing Elective	1-3
MARK2010 Principles of Marketing	3	MKT151 Introductory Marketing	3
MARK2081 Social Media Content Strategies and Analytics	4	MKT200 Marketing Elective	4
MAR2090 Digital Marketing Design	3	MKT200 Marketing Elective	3
MARK2261 Sales Promotion & Public Relations	3	MKT200 Marketing Elective	3
MARK2270 Principles of Advertising	3	MKT200 Marketing Elective	3
MARK2500 Business-to-Business/Organizational Marketing	3	MKT200 Marketing Elective	3
MARK279H Sophomore Honors Contract	1	OE 200 Open Elective	1
MARK2820 Advanced Independent Study/Research in Marketing	1-3	OE 200 Open Elective or MKT200 Marketing Elective	1-3
MARK2830 Cooperative Field Experience	1-3	OE 200 Open Elective or MKT200 Marketing Elective	1-3
<b>Mathematics (MATH)</b>			

MATH0800 Developmental Special Topics in Mathematics	2	No Credit	*
MATH0812 Special Topics in Prestatistics	3	No Credit	*
MATH0910 Basic Arithmetic and Pre-Algebra	3	No Credit	*
MATH0930 Essential Skills for Algebraic&Quantitative Reasoning	3	No Credit	*
MATH0940 Essential Skills for Contemporary Mathematics	3	No Credit	*
MATH0955 Beginning Algebra	6	No Credit	*
MATH0965 Intermediate Algebra	6	No Credit	*
MATH0990 Math Literacy for College Students	4	No Credit	*
MATH1100 Mathematical Explorations	3	MAT101 Mathematics Elective	3
MATH1190 Algebraic and Quantitative Reasoning	3	MAT101 Mathematics Elective	3
MATH1240 Contemporary Mathematics	4	MAT101 Mathematics Elective	4
MATH1370 Math for Elementary & Middle School Teachers I	4	MAT101 Mathematics Elective	4
MATH1380 Math for Elementary & Middle School Teachers II	4	MAT101 Mathematics Elective	4
MATH1410 Elementary Probability & Statistics I	3	MAT101 Mathematics Elective	3
MATH1420 Elementary Probability & Statistics II	3	MAT101 Mathematics Elective	3
MATH1470 Modern Mathematics for Business & Social Science I	4	MAT101 Mathematics Elective	4
MATH1480 Modern Mathematics for Business & Social Science II	4	MAT101 Mathematics Elective	4
MATH1490 Business Probability & Statistic I	3	MAT273 Applied Statistics I	3
MATH1500 Business Probability & Statistics II	3	MAT101 Mathematics Elective	3
MATH1530 College Algebra	4	MAT181 College Algebra	4
MATH153H Honors College Algebra	4	MAT181 College Algebra	4
MATH1540 Trigonometry	3	MAT101 Mathematics Elective	3
MATH154H Honors Trigonometry	3	MAT101 Mathematics Elective	3
MATH1580 Pre-Calculus	5	MAT275 Pre-Calculus	5
MATH1610 Calculus I	5	MAT281 Calculus I	5
MATH161H Honors Calculus I	5	MAT281 Calculus I	5
MATH1620 Calculus II	5	MAT285 Calculus II	5
MATH162H Honors Calculus II	5	MAT285 Calculus II	5
MATH179H Honors Contract in Mathematics	1	OE 100 Open Elective	1
MATH1800 Special Topics in Mathematics	1-3	OE 100 Open Elective or MAT101 Mathematics Elective	1-3
MATH1820 Independent Study/Research in Mathematics	1-3	OE 100 Open Elective or MAT101 Mathematics Elective	1-3
MATH182H Honors Independent Study/Research in Mathematics	1-3	OE 100 Open Elective or MAT101 Mathematics Elective	1-3
MATH2010 Introduction to Discrete Mathematics	4	MAT287 Discrete Mathematics	4
MATH2310 Calculus III	4	MAT200 Mathematics Elective	4
MATH231H Honors Calculus III	4	MAT200 Mathematics Elective	4
MATH2410 Introduction to Linear Algebra	3	MAT200 Mathematics Elective	3
MATH2520 Differential Equations	3	MAT200 Mathematics Elective	3
MATH2800 Special Advanced Topics in Mathematics	1-3	OE 200 Open Elective or MAT200 Mathematics Elective	1-3
MATH2820 Independent Adv Study/Research in Mathematics	1-3	OE 200 Open Elective or MAT200 Mathematics Elective	1-3
MATH282H Adv Honors Indep Study/Research in Mathematics	1-3	OE 200 Open Elective or MAT200 Mathematics Elective	1-3
<b><i>Mechanical Engineering Technology (MET)</i></b>			
MET1040 Foundations of Manufacturing	2	OE 100 Open Elective	2
MET1050 Applied Mathematics for Engineering Technology	1	OE 100 Open Elective	1
MET1100 Technology Orientation	2	OE 100 Open Elective	2
MET1120 Computer Applications & Programming	2	OE 100 Open Elective	2
MET1230 Drawing & Auto CAD	3	OE 100 Open Elective	3

MET123A Engineering Drawing	1	OE 100 Open Elective	1
MET123B 2D AutoCAD	2	OE 100 Open Elective	2
MET1240 Machine Tools & Manufacturing Processes	3	OE 100 Open Elective	3
MET1250 Introduction to Additive Manufacturing	3	OE 100 Open Elective	3
MET1261 Product Ideation & Design I	3	OE 100 Open Elective	3
MAT1270 Additive Manufacturing Processes	3	OE 100 Open Elective	3
MET1300 Engineering Materials & Metallurgy	3	OE 100 Open Elective	3
MET1340 Introduction to Industry 4.0 Vision Systems	4	OE 100 Open Elective	4
MET1410 Computer Aided Manufacturing Processes	3	OE 100 Open Elective	3
MET1601 Technical Statics	3	OE 100 Open Elective	3
MET1621 Technical Dynamics	3	OE 100 Open Elective	3
MET1631 Industrial Supply Logistics	3	OE 100 Open Elective	3
MET1640 Robotics&Program Logic Controllers in Process Auto	5	OE 100 Open Elective	5
MET1801 Special Topics: Applied Math for Engineering Technology	1	OE 100 Open Elective	1
MET1806 Special Topics in Foundations of Manufacturing	2	OE 100 Open Elective	2
MET1815 Special Topics: Digital Fabrication I	3	OE 100 Open Elective	3
MET2000 CAD/CAM Processes	3	OE 200 Open Elective	3
MET2041 CAD II & GD&T	3	OE 200 Open Elective	3
MET2060 Product Ideation & Design II	3	OE 200 Open Elective	3
MET2070 Introduction to Industrial Warehousing	2	OE 200 Open Elective	2
MET2140 Manufacturing Automation & Control	3	OE 200 Open Elective	3
MET2151 3D Digital Design & Printing	3	OE 200 Open Elective	3
MET2160 3D Scanning, Reverse Engineering, & Quality Inspection	3	OE 200 Open Elective	3
MET2191 Additive Manufacturing Project Capstone	2	OE 200 Open Elective	2
MET2200 Strength of Materials	3	OE 200 Open Elective	3
MET2220 Advanced CAD/CAM Processes	3	OE 200 Open Elective	3
MET2240 Mechanical Engineering Lab	1	OE 200 Open Elective	1
MET2250 Robotics Operations Certification	3	OE 200 Open Elective	3
MET2260 Infrared Robotic Vision	3	OE 200 Open Elective	3
MET2300 Fluid Power	3	OE 200 Open Elective	3
MET2320 Thermal Dynamics	3	OE 200 Open Elective	3
MET2410 Quality Control and Lean Manufacturing	3	OE 200 Open Elective	3
MET2422 Fundamentals of Engineering Economics	3	OE 200 Open Elective	3
MET2430 Engineering Probability and Statistics	3	OE 200 Open Elective	3
MET2450 Robotics and Automation in Smart Manufacturing	4	OE 200 Open Elective	4
MET2460 Applied Program Logic Controllers & Mechatronic Sys	5	OE 200 Open Elective	5
MET2500 Fundamentals of Products Development&Manufacture	3	OE 200 Open Elective	3
MET2550 Engineering Analysis Using MATLAB	3	OE 200 Open Elective	3
MET2601 3D Solid Modeling	3	OE 200 Open Elective	3
MET2610 Statics	3	OE 200 Open Elective	3
MET2620 Dynamics	3	OE 200 Open Elective	3
MET2630 Engineering Strength of Materials	3	OE 200 Open Elective	3
MET2700 Machine Design	4	OE 200 Open Elective	4
MET2730 Lean Manufacturing	3	OE 200 Open Elective	3
MET2740 Quality Manufacturing	3	OE 200 Open Elective	3
MET2750 Technical Operations Management	3	OE 200 Open Elective	3
MET2815 Special Topics: Digital Fabrication II	3	OE 200 Open Elective	3

MET2830 Cooperative Field Experience	1-3	OE 200 Open Elective	1-3
MET2941 Additive Manufacturing Internship	1-4	OE 200 Open Elective	1-4
MET2990 Product Development and Manufacture	3	OE 200 Open Elective	3
<b>Media and Journalism Studies (MJS)</b>			
MJS1010 Principles of Media and Communications	3	COM100 Communication Elective	3
MJS1310 Film Appreciation	3	COM100 Communication Elective	3
MJS1320 Social Media Communication	3	COM100 Communication Elective	3
MJS1611 Black Media	3	COM100 Communication Elective	3
MJS1820 Independent Study/Research in Media&Journalism Studies	1-3	OE 100 Open Elective or COM100 Communication Elective	1-3
MJS182H Honors Indep Study/Res in Media&Journalism Studies	1-3	OE 100 Open Elective or COM100 Communication Elective	1-3
MJS2000 Digital Media Writing	3	COM200 Communication Elective	3
MJSS2010 News Writing	4	COM218 News Writing	4
MJS2040 America Cinema	3	COM200 Communication Elective	
MJS2050 Mass Media and Society	3	COM241 Mass Communication	3
MJS2060 Principles of Public Relations	3	COM212 Introduction to Public Relations	3
MJS2070 Sports Reporting & Broadcasting	3	COM200 Communication Elective	3
MJS2220 Broadcast and Multimedia Journalism	3	COM200 Communication Elective	3
MJS2310 Screenwriting I	3	COM200 Communication Elective	3
MJS2410 Television: Videojournalism and Documentary Production	3	COM200 Communication Elective	3
MJS2820 Adv Indep Study/Research in Journalism & Mass Commun	1-3	OE 200 Open Elective or COM 200 Communication Elective	1-3
MJS282H Adv Honors Indep Study/Research in Journ & Mass Com	1-3	OE 200 Open Elective or COM 200 Communication Elective	1-3
MJS2830 Cooperative Field Experience	1-3	OE 200 Open Elective or COM 200 Communication Elective	1-3
<b>Medical Laboratory Technology (MLT)</b>			
MLT1000 Introduction to Medical Laboratory Technology	3	OE 100 Open Elective	3
MLT1300 Introduction to Blood Collection	3	OE 100 Open Elective	3
MLT1351 Problem Solving Techniques for the Medical Laboratory	2	OE 100 Open Elective	2
MLT1491 Urinalysis & Body Fluids	3	OE 100 Open Elective	3
MLT1820 Indp Study/Research in Medical Laboratory Technology	1-3	OE 100 Open Elective	1-3
MLT1851 Medical Laboratory Practicum I	3	OE 100 Open Elective	3
MLT2461 Hematology	3	OE 200 Open Elective	3
MLT2471 Immunohematology & Serology	5	OE 200 Open Elective	5
MLT2482 Clinical Microbiology	5	OE 200 Open Elective	5
MLT2501 Clinical Chemistry	5	OE 200 Open Elective	5
MLT2820 Adv Indep Study/Research in Medical Laboratory Techn	1-3	OE 200 Open Elective	1-3
MLT282H Adv Honors Indep Study/Research in Med Lab Techn	1-3	OE 200 Open Elective	1-3
MLT2940 Medical Laboratory Field Experience	3	OE 200 Open Elective	3
MLT2970 Advanced Phlebotomy	1	OE 200 Open Elective	1
MLT2980 Professionals Development & Life Skills	1	OE 200 Open Elective	1
MLT2990 Advanced MLT Applications	6	OE 200 Open Elective	6
<b>Massage Therapy (MT)</b>			
MT1242 Somatic Studies I	3	OE 100 Open Elective	3
MT1272 Somatic Studies II	3	OE 100 Open Elective	3
MT1280 Somatic Studies III	2	OE 100 Open Elective	2
MT1302 Massage Therapy I	2	OE 100 Open Elective	2

MT1312 Applied Musculo-Skeletal Anatomy	3	OE 100 Open Elective	3
MT1321 Functional Assessment in Massage Therapy	2	OE 100 Open Elective	2
MT1331 Massage Therapy II	3	OE 100 Open Elective	3
MT1820 Independent Study/Research in Massotherapy	1-3	OE 100 Open Elective	1-3
MT2201 Massage Modalities and Career Paths	2	OE 200 Open Elective	2
MT2301 Pathology for Massage Therapists	3	OE 200 Open Elective	3
MT2311 Advanced Massage Therapy	3	OE 200 Open Elective	3
MT2350 Massage Therapy Clinic I	3	OE 200 Open Elective	3
MT235A Massage Therapy Clinic I - A	2	OE 200 Open Elective	2
MT235B Massage Therapy Clinic I - B	1	OE 200 Open Elective	1
MT2360 Massage Therapy Clinic II	3	OE 200 Open Elective	3
MT236A Massage Therapy Clinic II - A	2	OE 200 Open Elective	2
MT236B Massage Therapy Clinic II - B	1	OE 200 Open Elective	1
MT2370 Supplemental Massage Therapy Clinic	1	OE 200 Open Elective	1
MT2380 Advanced Massage Therapy Clinic	3	OE 200 Open Elective	3
MT2701 Comprehensive Somatic Studies for Massage Therapists	1	OE 200 Open Elective	1
MT2991 Comprehensive Massage Therapy	1	OE 200 Open Elective	1
<b>Music (MUS)</b>			
MUS1010 Survey of European Classical Music	3	MUS101 Music Elective	3
MUS1020 Survey of Jazz	3	MUS101 Music Elective	3
MUS1030 Survey of Rock & Roll	3	MUS101 Music Elective	3
MUS1040 Survey of African-American Music	3	MUS101 Music Elective	3
MUS1050 Survey of World Music	3	MUS101 Music Elective	3
MUS1110 Music Business I	3	MUS101 Music Elective	3
MUS1120 Music Business II	3	MUS101 Music Elective	3
MUS1130 MIDI Technology I	3	MUS101 Music Elective	3
MUS1140 MIDI Technology II	3	MUS101 Music Elective	3
MUS1170 Songwriting I	2	MUS101 Music Elective	2
MUS1200 Music Reading Skills	3	MUS101 Music Elective	3
MUS1210 Introduction to Music Theory	3	MUS101 Music Elective	3
MUS1220 Basic Ear Training	2	MUS101 Music Elective	2
MUS1230 Critical Listening	1	OE 100 Open Elective	1
MUS1250 Class Keyboard I	2	MUS115 Private Music Instruction: Primary Instrument	2
MUS1260 Class Keyboard II	2	MUS116 Private Music Instruction: Primary Instrument	2
MUS1270 Class Voice	2	MUS115 Private Music Instruction: Primary Instrument	2
MUS1280 Class Guitar	2	MUS115 Private Music Instruction: Primary Instrument	2
MUS1290 Basic Applied Music I	1	MUS115 Private Music Instruction: Primary Instrument	1
MUS1301 Applied Piano Minor I	1	MUS115 Private Music Instruction: Primary Instrument	1
MUS1302 Applied Piano Minor II	1	MUS116 Private Music Instruction: Primary Instrument	1
MUS1460 Applied Music I	2	MUS101 Music Elective	3
MUS1470 Applied Music II	2	MUS101 Music Elective	2
MUS1510 Choral Ensemble	1	MUS112 Choral Ensembles	1
MUS1520 Jazz Ensemble	1	MUS111 Instrumental or Vocal Music Ensembles	1
MUS1530 Concert Band	1	MUS111 Instrumental or Vocal Music Ensembles	1
MUS1540 Orchestra	1	MUS111 Instrumental or Vocal Music Ensembles	1
MUS1550 Instrumental Ensemble	1	MUS111 Instrumental or Vocal Music Ensembles	1

MUS1570 Technology Tools I	2	MUS101 Music Elective	2
MUS1600 Traditional Theory I	3	MUS101 Music Elective	3
MUS1610 Ear Training I	2	MUS101 Music Elective	2
MUS1620 Traditional Theory II	3	MUS101 Music Elective	3
MUS1630 Ear Training II	2	MUS101 Music Elective	2
MUS1650 Jazz Theory I	2	MUS101 Music Elective	2
MUS1720 Arranging I	2	MUS101 Music Elective	2
MUS179H Honors Contract in Music	1	OE 100 Open Elective	1
MUS1806 Special Topics: Hist & Instrum Performance of the Blues	2	MUS101 Music Elective	2
MUS1820 Independent Study/Research in Music	1-3	OE 100 Open Elective or MUS101 Music Elective	1-3
MUS182H Honors Independent Study/Research in Music	1-3	OE 100 Open Elective or MUS101 Music Elective	1-3
MUS2140 Studio Maintenance	2	MUS200 Music Elective	2
MUS2290 Basic Applied Music II	2	MUS215 Private Music Instruction: Primary Instrument or MUS216 Private Music Instruction: Primary Instrument	2
MUS2301 Applied Piano Minor III	1	MUS215 Private Music Instruction: Primary Instrument	1
MUS2302 Applied Piano Minor IV	1	MUS216 Private Music Instruction: Primary Instrument	1
MUS2460 Applied Music III	2	MUS200 Music Elective	2
MUS2470 Applied Music IV	2	MUS200 Music Elective	2
MUS2541 Jazz History	3	MUS201 Music Elective	3
MUS2600 Traditional Theory III	3	MUS200 Music Elective	3
MUS2610 Ear Training III	2	MUS200 Music Elective	2
MUS2620 Traditional Theory IV	3	MUS200 Music Elective	3
MUS2630 Ear Training IV	2	MUS200 Music Elective	2
MUS2650 Jazz Theory II	2	MUS200 Music Elective	2
MUS279H Sophomore Honors Contract	1	MUS200 Music Elective	1
MUS2820 Advanced Independent Study/Research in Music	1-3	OE 100 Open Elective or MUS200 Music Elective	1-3
MUS282H Adv Honors Independent Study/Research in Music	1-3	OE 100 Open Elective or MUS200 Music Elective	1-3
<b>Nuclear Medicine (NMED)</b>			
NMED1010 Nuclear Medicine Math and Statistics	1	OE 100 Open Elective	1
NMED1100 Computers in Nuclear Medicine	1	OE 100 Open Elective	1
NMED1200 Radiation Safety and Biology	2	OE 100 Open Elective	2
NMED1301 Nuclear Medicine Procedures I	3	OE 100 Open Elective	3
NMED130L Nuclear Medicine Laboratory I	1	OE 100 Open Elective	1
NMED1401 Patient Care for the Nuclear Medicine	1	OE 100 Open Elective	1
NMED1501 Radiation Physics	2	OE 100 Open Elective	2
NMED1603 Nuclear Radiopharmacy and Pharmacology	3	OE 100 Open Elective	3
NMED1701 Nuclear Medicine Instrumentation	3	OE 100 Open Elective	3
NMED1770 Immunology & Pathophysiology for Sectional Imaging	2	OE 100 Open Elective	2
NMED1780 Sectional Anatomy for Advanced Molecular Imaging	2	OE 100 Open Elective	2
NMED2301 Nuclear Medicine Procedures II	3	OE 200 Open Elective	3
NMED230L Nuclear Medicine Lab II	1	OE 200 Open Elective	1
NMED2600 Molecular and Fusion Imaging	2	OE 200 Open Elective	2
NMED2660 Nuclear Medicine Therapy	1	OE 200 Open Elective	1
NMED2700 Nuclear Medicine Research Methods	1	OE 200 Open Elective	1
NMED2940 Nuclear Medicine Field Experience I	3	OE 200 Open Elective	3

NMED2950 Nuclear Medicine Field Experience II	4	OE 200 Open Elective	4
NMED2960 Nuclear Medicine Field Experience III	4	OE 200 Open Elective	4
<b>Nursing (NURS)</b>			
NURS1000 Introduction to Healthcare Concepts	1	OE 100 Open Elective	1
NURS1010 Introduction to Patient Care Concepts	4	OE 100 Open Elective	4
NURS1200 Fundamentals of Nursing Concepts	4	OE 100 Open Elective	4
NURS1210 Concepts of Nursing Care for Patients in Community & Behavioral Health Settings	2	OE 100 Open Elective	2
NURS1220 Concepts of Nursing Care for Patients with Acute & Chronic Conditions I	5	OE 100 Open Elective	5
NURS1230 Concepts of Nursing Care of Childbearing Fa & Children	4	OE 100 Open Elective	4
NURS1240 Role Transitions	1	OE 100 Open Elective	1
NURS1250 LPN to RN Transitions I	3	OE 100 Open Elective	3
NURS1260 LPN to RN Transitions II	6	OE 100 Open Elective	6
NURS2000 Concepts of Nursing Care for Patients with Acute Unstable and Chronic Conditions II	6	OE 200 Open Elective	6
NURS2010 Concepts of Nursing Care for Patients w/ Complex Cond	6	OE 200 Open Elective	6
<b>Optical Technology (OPT)</b>			
OPT1100 Introduction to Optical Technology	1	OE 100 Open Elective	1
OPT1310 Theoretical Optics I	2	OE 100 Open Elective	2
OPT1320 Theoretical Optics II	2	OE 100 Open Elective	2
OPT1400 Introduction to Fabrication Principles	1	OE 100 Open Elective	1
OPT1411 Basic Spectacle Fabrication	1	OE 100 Open Elective	1
OPT1421 Advanced Spectacle Fabrication	1	OE 100 Open Elective	1
OPT1510 Optical Dispensing I	3	OE 100 Open Elective	3
OPT1520 Optical Dispensing II	3	OE 100 Open Elective	3
OPT1610 Contact Lens I	2	OE 100 Open Elective	2
OPT1621 Contact Lens II	2	OE 100 Open Elective	2
OPT1710 Introduction to Patient Care	3	OE 100 Open Elective	3
OPT1721 Advanced Patient Care	3	OE 100 Open Elective	3
OPT1801 ST: Intro to Optical Tech	1	OE 100 Open Elective	1
OPT1820 Independent Study/Research in Optical Technology	1-3	OE 100 Open Elective	1-3
OPT1911 Ophthalmic Assisting Directed Practice	4	OE 100 Open Elective	4
OPT2501 Optical Business	3	OE 200 Open Elective	3
OPT2550 Advanced Optical Dispensing Lab	2	OE 200 Open Elective	2
OPT2620 Advanced Contact Lens Theory	1	OE 200 Open Elective	1
OPT2650 License Review Spectacle	1	OE 200 Open Elective	1
OPT2660 License Review Contact Lens	1	OE 200 Open Elective	1
OPT2702 Refractometry	2	OE 200 Open Elective	2
OPT2820 Adv Independent Study/Research in Optical Technology	1-3	OE 200 Open Elective	1-3
OPT2940 Optical Field Experience I	2	OE 200 Open Elective	2
OPT2950 Optical Field Experience II	2	OE 200 Open Elective	2
OPT2972 Optical Field Experience Seminar I	2	OE 200 Open Elective	2
OPT2982 Optical Field Experience Seminar II	2	OE 200 Open Elective	2
<b>Occupational Therapy Assistant Technology (OTAT)</b>			

OTAT1300 Occupations Therapy Principles	2	OE 100 Open Elective	2
OTAT1310 Task Analysis	2	OE 100 Open Elective	2
OTAT1320 Fundamentals of Developmental Disabilities	2	OE 100 Open Elective	2
OTAT1330 Techniques in Developmental Disabilities	3	OE 100 Open Elective	3
OTAT1420 Fundamentals of Psychosocial Dysfunction	2	OE 100 Open Elective	2
OTAT1430 Techniques in Psychosocial Dysfunction	2	OE 100 Open Elective	2
OTAT1850 Practicum I	2	OE 100 Open Elective	2
OTAT1860 Practicum II	2	OE 100 Open Elective	2
OTAT1980 Therapeutic Use of Self	2	OE 100 Open Elective	2
OTAT2320 Fundamentals of Physical Dysfunction	4	OE 200 Open Elective	4
OTAT2330 Techniques in Physical Disabilities	4	OE 200 Open Elective	4
OTAT2340 Occupational Therapy Issues	3	OE 200 Open Elective	3
OTAT2820 Adv Indep Study/Research in Occu Therapy Assist Tech	1-3	OE 200 Open Elective	1-3
OTAT2860 Practicum III	2	OE 200 Open Elective	2
OTAT2940 Field Experience	3	OE 200 Open Elective	3
<b>Physical Education (PE)</b>			
PE1000 Personal Fitness	2	OE 100 Open Elective	2
PE1010 Personal Strength Development	2	OE 100 Open Elective	2
PE1020 Weight Training	1	OE 100 Open Elective	1
PE1051 Adapted Lifetime Fitness	1	OE 100 Open Elective	1
PE1060 Cardio-Fitness	1	OE 100 Open Elective	1
PE1070 Walking/Jogging	1	OE 100 Open Elective	1
PE1080 Low Impact Aerobics	1	OE 100 Open Elective	1
PE1100 Step Aerobics	1	OE 100 Open Elective	1
PE1120 Adapted Physical Education	1	OE 100 Open Elective	1
PE1150 Golf for Beginners	1	OE 100 Open Elective	1
PE1160 Golf for Players	1	OE 100 Open Elective	1
PE1190 Self-Defense I	1	OE 100 Open Elective	1
PE1215 Snowboarding	1	OE 100 Open Elective	1
PE1220 Skiing	1	OE 100 Open Elective	1
PE1230 Tennis for Beginners	1	OE 100 Open Elective	1
PE1240 Tennis for Players	1	OE 100 Open Elective	1
PE1280 Soccer	1	OE 100 Open Elective	1
PE1300 Aqua Fitness	1	OE 100 Open Elective	1
PE1310 Shallow Water Exercise	1	OE 100 Open Elective	1
PE1330 Swimming I	1	OE 100 Open Elective	1
PE1340 Swimming II	1	OE 100 Open Elective	1
PE1370 Cardio Kickboxing	1	OE 100 Open Elective	1
PE1400 Whitewater Rafting	2	OE 100 Open Elective	2
PE1410 Backpacking	2	OE 100 Open Elective	2
PE1421 Camping	2	OE 100 Open Elective	2
PE1430 Physical Relaxation Techniques	1	OE 100 Open Elective	1
PE1440 Yoga	1	OE 100 Open Elective	1
PE1460 Pilates	1	OE 100 Open Elective	1
PE1470 Core Strength	1	OE 100 Open Elective	1
PE1480 Yoga & Pilates	1	OE 100 Open Elective	1



PE1490 Tai Chi	1	OE 100 Open Elective	1
PE1530 Zumba	1	OE 100 Open Elective	1
PE1540 Body Toning	1	OE 100 Open Elective	1
PE1550 Hula Hoop Fitness	1	OE 100 Open Elective	1
PE1560 Meditation Techniques	1	OE 100 Open Elective	1
PE1600 Indoor Power Cycling	1	OE 100 Open Elective	1
PE1812 Special Topics: Half Marathon Training	1	OE 100 Open Elective	1
PE1813 Special Topics: Cardio & Tone	1	OE 100 Open Elective	1
<b>Philosophy (PHIL)</b>			
PHIL1000 Critical Thinking	3	PHI100 Philosophy Elective	3
PHIL1010 Introduction to Philosophy	3	PHI110 The Art of Reasoning	3
PHIL101H Honors Introduction to Philosophy	3	PHI110 The Art of Reasoning	3
PHIL1020 Introduction to Logic	3	PHI100 Philosophy Elective	3
PHIL179H Honors Contract in Philosophy	1	OE 100 Open Elective	1
PHIL1820 Intendent Study/Research in Philosophy	1-3	OE 100 Open Elective or PHI100 Philosophy Elective	1-3
PHIL182H Honors Intendent Study/Research in Philosophy	1-3	OE 100 Open Elective or PHI100 Philosophy Elective	1-3
PHIL2000 The Philosophy of Religion	3	PHI200 Philosophy Elective	3
PHIL2010 Comparative World Religions	3	CUL220 Religions of the World	3
PHIL2020 Ethics	3	PHI215 Ethics	3
PHIL202H Honors Ethics	3	PHI215 Ethics	3
PHIL2031 Philosophy of Science	3	PHI200 Philosophy Elective	3
PHIL2040 Philosophy of Art	3	PHI200 Philosophy Elective	3
PHIL2050 Bioethics	3	PHI215 Ethics	3
PHIL205H Honors Bioethics	3	PHI215 Ethics	3
PHIL2060 Business Ethics	3	PHI215 Ethics	3
PHIL208H Honors Social Justice	3	PHI200 Philosophy Elective	3
PHIL279H Sophomore Honors Contract	1	OE 200 Open Elective	1
PHIL280H Honors Special Topics-Philosophy	1-3	OE 200 Open Elective or PHI200 Philosophy Elective	1-3
PHIL2813 Special Topics in the Writings of C.S. Lewis	3	PHI200 Philosophy Elective	3
PHIL2819 Special Topics in the Philosophy & History of Capitalism	3	PHI200 Philosophy Elective	3
PHIL2820 Advanced Independent Study/Research in Philosophy	1-3	OE 200 Open Elective or PHI200 Philosophy Elective	1-3
PHI282H Adv Honors Independent Study/Research in Philosophy	1-3	OE 200 Open Elective or PHI200 Philosophy Elective	1-3
<b>Pharmacy Technology (PHM)</b>			
PHM1300 Introduction to Pharmacy Practice	3	OE 100 Open Elective	3
PHM1350 Pharmacy Practice I	3	OE 100 Open Elective	3
PHM1360 Pharmacy Practice II	3	OE 100 Open Elective	3
PHM1450 Pharmacology & Therapeutic Principles I	3	OE 100 Open Elective	3
PHM1460 Pharmacology & Therapeutic Principles II	3	OE 100 Open Elective	3
PHM1751 Medication Calculations for Sterile Preparations	1	OE 100 Open Elective	1
PHM1760 Calculations for Compounding and Dispensing	1	OE 100 Open Elective	1
PHM1860 Pharmacy Technology Practicum I	3	OE 100 Open Elective	3
PHM2080 Pharmacy Technology Examination Review	1	OE 200 Open Elective	1
PHM2701 Current Topics in Pharmacy Practice	4	OE 200 Open Elective	4
PHM2820 Adv Independent Study/Research in Pharmacy Techn	1-3	OE 200 Open Elective	1-3
PHM2860 Pharmacy Technology Practicum II	3	OE 200 Open Elective	3

PHM2870 Pharmacy Technology Practicum III	3	OE 200 Open Elective	3
<b>Physics (PHYS)</b>			
PHYS1010 Astronomy	3	NAT100 Natural Science Elective	3
PHYS101L Astronomy Laboratory	1	NAT100 Natural Science Elective	1
PHYS1050 Everyday Physics	2	PHY100 Physics Elective	2
PHYS1210 College Physics I	4	PHY211 General Physics I & Lab	3+1
PHYS1220 College Physics II	4	PHY212 Physics II & Lab	3+1
PHYS1300 Physics of Optical Materials	4	PHY100 Physics Elective	4
PHYS1820 Independent Study/Research in Physics	1-3	OE 100 Open Elective or PHY100 Physics Elective	1-3
PHYS182H Honors Independent Study/Research in Physics	1-3	OE 100 Open Elective or PHY100 Physics Elective	1-3
PHYS2250 Radiographic Physics & Quality Control	4	PHY200 Physics Elective	4
PHYS2310 General Physics I	5	PHY211 General Physics I & Lab	3+2
PHYS2320 General Physics II	5	PHY212 Physics II & Lab	3+2
PHYS2820 Independent Advanced Study/Research in Physics	1-3	OE 200 Open Elective or PHY200 Physics Elective	1-3
PHYS282H Adv Honors Independent Study/Research in Physics	1-3	OE 200 Open Elective or PHY200 Physics Elective	1-3
<b>Paralegal Studies (PL)</b>			
PL1000 Introduction to Paralegal Profession	2	OE 100 Open Elective	2
PL1300 Civil Procedure	3	OE 100 Open Elective	3
PL1401 Legal Research and Writing I	3	OE 100 Open Elective	3
PL1460 Workers' Compensation Law	3	OE 100 Open Elective	3
PL1502 Law Office Technology	3	OE 100 Open Elective	3
PL1600 Alternative Dispute Resolution	2	OE 100 Open Elective	2
PL1700 Employment Law	3	OE 100 Open Elective	3
PL1710 Immigration Law & Procedures	3	OE 100 Open Elective	3
PL1730 Criminal Law for Paralegals	3	OE 100 Open Elective	3
PL1820 Independent Study/Research in Paralegal Studies	1-3	OE 100 Open Elective	1-3
PL2301 Torts & Evidence	4	OE 200 Open Elective	4
PL2401 Legal Research and Writing II	3	OE 200 Open Elective	3
PL2410 Intellectual Property	3	OE 200 Open Elective	3
PL2421 Wills, Trusts, and Estates	4	OE 200 Open Elective	4
PL2440 Business Transactions	3	OE 200 Open Elective	3
PL2460 Business Organizations	3	OE 200 Open Elective	3
PL2510 Juvenile Law	2	OE 200 Open Elective	2
PL2521 Bankruptcy and Debtor/Creditor Law	3	OE 200 Open Elective	3
PL2540 Family Law	3	OE 200 Open Elective	3
PL2560 Advanced Litigation	3	OE 200 Open Elective	3
PL279H Sophomore Honors Contract	1	OE 200 Open Elective	1
PL2820 Adv Independent Study/Research in Paralegal Studies	1-3	OE 200 Open Elective	1-3
PL282H Adv Honors Indep Study/Research in Paralegal Studies	1-3	OE 200 Open Elective	1-3
PL2851 Paralegal Practicum	1	OE 200 Open Elective	1
PL2991 Paralegal Capstone	1	OE 200 Open Elective	1
<b>Political Science (POL)</b>			
POL1010 American National Government	3	POL101 Introduction to the American Political Process	3
POL101H Honors American National Government	3	POL101 Introduction to the American Political Process	3

POL1020 State and Local Government	3	POL100 Political Science Elective	3
POL179H Honors Contract in Political Science	1	OE 100 Open Elective	1
POL1820 Independent Study/Research in Political Science	1-3	OE 100 Open Elective or POL100 Political Science Elective	1-3
POL182H Honors Independent Study in Political Science	1-3	OE 100 Open Elective or POL100 Political Science Elective	1-3
POL2020 Introduction to Conflict and Peace Studies	3	POL200 Political Science Elective	3
POL2030 Comparative Politics	3	POL200 Political Science Elective	3
POL2041 Conflict Resolution and Management	3	POL200 Political Science Elective	3
POL2050 Study Abroad in Peace and Conflict Resolution	3	POL200 Political Science Elective	3
POL2060 Political Systems of Africa	3	POL200 Political Science Elective	3
POL2070 International Relations	3	POL200 Political Science Elective	3
POL2100 Constitutional Law	3	POL200 Political Science Elective	3
POL2110 Terrorism and Counterterrorism	3	POL200 Political Science Elective	3
POL2120 Women and Politics	3	POL200 Political Science Elective	3
POL2130 Politics of Race	3	POL200 Political Science Elective	3
POL2140 Implement Peace Studies&Conflict Mgt Theories&Practi	3	POL200 Political Science Elective	3
POL2820 Adv Independent Study/Research in Political Science	1-3	OE 100 Open Elective or POL200 Political Science Elective	1-3
POL282H Honors Advanced Intendent Study in Political Science	1-3	OE 100 Open Elective or POL200 Political Science Elective	1-3
<b><i>Plant Science and Landscape Technology (PST)</i></b>			
PST1301 Horticulture Botany	3	OE 100 Open Elective	3
PST1311 Deciduous Woody Landscape Plants	3	OE 100 Open Elective	3
PST1321 Evergreen,Groundcovers,&Herbaceous Landscape Plants	3	OE 100 Open Elective	3
PST1331 Plant Propagation	2	OE 100 Open Elective	2
PST1351 Plant Production	3	OE 100 Open Elective	3
PST1380 Introduction to Tree Care	2	OE 100 Open Elective	2
PST1400 Garden Center and Nursery Management	3	OE 100 Open Elective	3
PST1441 Equipment Operations & Safety	2	OE 100 Open Elective	2
PST1420 Landscape Practices	3	OE 100 Open Elective	3
PST1441 Introduction to Landscape Design	3	OE 100 Open Elective	3
PST1450 Landscape Design- CAD	3	OE 100 Open Elective	3
PST1510 Landscape Contracting	3	OE 100 Open Elective	3
PST1600 Irrigation and Drainage	2	OE 100 Open Elective	2
PST1806 Special Topics: Agricultural Management	2	OE 100 Open Elective	2
PST1820 Indep Study/Research in Plant Sci & Landscape Techn	1-3	OE 100 Open Elective	1-3
PST2310 Soil Technology	3	OE 200 Open Elective	3
PST2321 Plant Pest Diagnostics	3	OE 200 Open Elective	3
PST2370 Introduction to Turfgrass	2	OE 200 Open Elective	2
PST2381 Arboriculture	3	OE 200 Open Elective	3
PST2431 Planting Design	3	OE 200 Open Elective	3
PST2480 Arboriculture Practices	3	OE 200 Open Elective	3
PST2820 Independent Advanced Study/Research in Plant Science	1-3	OE 200 Open Elective	1-3
PST2950 Field Experience	3	OE 200 Open Elective	3
<b><i>Psychology (PSY)</i></b>			
PSY1010 General Psychology	3	PSY101 Introduction to Psychology	3
PSY101H Honors General Psychology	3	PSY101 Introduction to Psychology	3
PSY1050 Introduction to Industrial/Organizational Psych	3	PSY100 Psychology Elective	3

PSY1060 Cross-Cultural Competency for Health Care Providers	1	OE 100 Open Elective	1
PSY179H Honors Contract in Psychology	1	OE 100 Open Elective	1
PSY1820 Independent Study/Research in Psychology	1-3	OE 100 Open Elective or PSY100 Psychology Elective	1-3
PSY182H Honors Independent Study/Research in Psychology	1-3	OE 100 Open Elective or PSY100 Psychology Elective	1-3
PSY2010 Child Growth & Development	3	PSY200 Psychology Elective	3
PSY201H Honors Child Growth & Development	3	PSY200 Psychology Elective	3
PSY2020 Life Span Development	4	PSY265 Life Development	4
PSY202H Honors Life Span Development	4	PSY265 Life Development	4
PSY2040 Social Psychology	3	PSY250 Social Psychology	3
PSY2050 Psychology of Personality	3	PSY263 Theories of Personality	3
PSY2060 Adolescent Psychology	3	PSY200 Psychology Elective	3
PSY2081 Psychopathology	3	PSY200 Psychology Elective	3
PSY2090 Psychology of Human Sexuality	3	PSY269 Human Sexuality	3
PSY2100 Introduction to Aging	3	PSY200 Psychology Elective	3
PSY2110 Educational Psychology	3	PSY200 Psychology Elective	3
PSY2120 Multicultural Health Psychology	3	PSY200 Psychology Elective	3
PSY2150 Quantitative Methods in Behavioral Science	4	PSY200 Psychology Elective	4
PSY279H Sophomore Honors Contract	1	OE 100 Open Elective	1
PSY2820 Independent Advanced Study/Research in Psychology	1-3	OE 200 Open Elective or PSY200 Psychology Elective	1-3
PSY282H Adv Honors Independent Study/Research in Psychology	1-3	OE 200 Open Elective or PSY200 Psychology Elective	1-3
<b>Physical Therapist Assisting Technology (PTAT)</b>			
PTAT1000 Introduction to Patient Care	1	OE 100 Open Elective	1
PTAT1100 Introduction to Physical Therapy Assisting	2	OE 100 Open Elective	2
PTAT1300 Functional Anatomy	4	OE 100 Open Elective	4
PTAT1312 Fundamentals of Physical Therapy	2	OE 100 Open Elective	2
PTAT1320 Introduction to Therapeutic Exercise	2	OE 100 Open Elective	2
PTAT1401 Clinical Pathophysiology	2	OE 100 Open Elective	2
PTAT1411 Physical Therapy Procedures	3	OE 100 Open Elective	3
PTAT1420 Therapeutic Exercise	3	OE 100 Open Elective	3
PTAT1820 Independent Study/Research in Physical Therapist Asst	1-3	OE 100 Open Elective	1-3
PTAT2200 Physical Therapy in Acute Care Setting	2	OE 200 Open Elective	2
PTAT2301 Long Term Physical Therapy Rehabilitation Procedures	4	OE 200 Open Elective	4
PTAT2310 Pediatric Physical Therapy	2	OE 200 Open Elective	2
PTAT2330 Geriatric Physical Therapy	2	OE 200 Open Elective	2
PTAT2341 Psychosocial Issues in Physical Therapy	2	OE 200 Open Elective	2
PTAT2820 Adv Indep Study/Research in Phys Therapist Assisting	1-3	OE 200 Open Elective	1-3
PTAT2840 Clinical Practicum I	2	OE 200 Open Elective	2
PTAT2850 Clinical Practicum II	2	OE 200 Open Elective	2
PTAT2940 Field Experience I	1	OE 200 Open Elective	1
PTAT2970 Practicum Seminar	1	OE 200 Open Elective	1
<b>Radiography (RADT)</b>			
RADT1300 Fundamentals of Radiography	4	OE 100 Open Elective	4
RADT1351 Image Acquisition and Evaluation	3	OE 100 Open Elective	3
RADT1400 Radiographic Positioning	3	OE 100 Open Elective	3
RADT1410 Intermediate Radiographic Positioning	3	OE 100 Open Elective	3

RADT1911 Clinical Radiography I	7	OE 100 Open Elective	7
RADT191A Clinical Radiography I	6	OE 100 Open Elective	6
RADT191B Clinical Radiography I	1	OE 100 Open Elective	1
RADT191S Clinical Radiography I	5	OE 100 Open Elective	5
RADT2350 Radiographic Pathology	3	OE 200 Open Elective	3
RADT2362 Interventional Radiography & Pharmacology	1	OE 200 Open Elective	1
RADT2401 Imaging Systems	2	OE 200 Open Elective	2
RADT2610 Introduction to Mammography	1	OE 200 Open Elective	1
RADT2620 Anatomy and Pathology of the Breast	1	OE 200 Open Elective	1
RADT2630 Positioning Techniques for Breast Imaging	1	OE 200 Open Elective	1
RADT2640 Physics Mammography	1	OE 200 Open Elective	1
RADT2650 Interventional and Special Imaging Procedures	1	OE 200 Open Elective	1
RADT2660 MQSA and ACR Regulatory Standards	1	OE 200 Open Elective	1
RADT2670 Mammography Quality Control	1	OE 200 Open Elective	1
RADT2911 Clinical Radiography II	7	OE 200 Open Elective	7
RADT291A Clinical Radiography II-A	6	OE 200 Open Elective	6
RADT291B Clinical Radiography II-B	1	OE 200 Open Elective	1
RADT291S Clinical Radiography II	7	OE 200 Open Elective	7
RADT2921 Clinical Radiography III	5	OE 200 Open Elective	5
RADT292S Clinical Radiography III	7	OE 200 Open Elective	7
RADT2930 Mammography Applications	3	OE 200 Open Elective	3
<b>Recording Arts and Technology (RAT)</b>			
RAT1100 Sound Recording and Design	3	MUS101 Music Elective	3
RAT1160 Making Independent Recordings	3	MUS101 Music Elective	3
RAT1210 Studio Lab Band	3	MUS101 Music Elective	3
RAT1300 Introduction to Recording	3	MUS101 Music Elective	3
RAT1311 Studio Operations	3	MUS101 Music Elective	3
RAT1320 Audio Transducers	3	MUS101 Music Elective	3
RAT1400 Concert Promotion	3	MUS101 Music Elective	3
RAT1450 Concert Tour Management	3	MUS101 Music Elective	3
RAT1500 Recording Theory I	3	MUS101 Music Elective	3
RAT1511 Recording Lab I	2	MUS101 Music Elective	2
RAT1520 Audio Signal Processing	3	MUS101 Music Elective	3
RAT1530 Digital Audio Theory	3	MUS101 Music Elective	3
RAT1600 Concert Technical Production	3	MUS101 Music Elective	3
RAT1816 Special Topics: Talent and Entertainment Booking	3	MUS101 Music Elective	3
RAT1820 Independent Study/Research in Recording Arts Techn	1-3	OE 100 Open Elective or MUS101 Music Elective	1-3
RAT2300 Recording Theory II	3	MUS200 Music Elective	3
RAT2311 Recording Lab II	2	MUS200 Music Elective	2
RAT2330 Digital Audio Mixing	3	MUS200 Music Elective	3
RAT2341 Location Recording	2	MUS200 Music Elective	2
RAT2440 Sound for Theatre	3	MUS200 Music Elective	3
RAT2540 Live Sound Reinforcement	3	MUS200 Music Elective	3
RAT2814 Special Topics: Internet Radio Production I	3	MUS200 Music Elective	3
RAT2820 Adv Independent Study/Research in Recording Arts Techn	1-3	OE 200 Open Elective or MUS200 Music Elective	1-3
RAT2940 Audio Recording Field Experience	1-2	OE 200 Open Elective or MUS200 Music Elective	1-2

RAT2990 Recording Arts & technology Capstone	3	MUS200 Music Elective	3
<b>Religious Studies (REL)</b>			
REL1010 Introduction to Religious Studies	3	OE 100 Open Elective	3
REL179H Honors Contract in Religious Studies	3	OE 100 Open Elective	3
REL1820 Independent Study/Research in Religious Studies	1-3	OE 100 Open Elective	1-3
REL182H Honors Indep Study/Research in Religious Studies	1-3	OE 100 Open Elective	1-3
REL2000 Comparative World Religions	1-3	OE 200 Open Elective/CUL220 Religions of the World	1-3
REL2010 Religious Traditions of Western Christianity	3	OE 200 Open Elective	3
REL2060 African-American Religious Experience	3	OE 200 Open Elective	3
REL279H Sophomore Honors Contract	1	OE 200 Open Elective	1
REL2820 Independent Adv Study/Research in Religious Studies	1-3	OE 200 Open Elective	1-3
REL282H Adv Honors Indep Study/Research in Religious Studies	1-3	OE 200 Open Elective	1-3
<b>Respiratory Care (RESP)</b>			
RESP1100 Introduction to Respiratory Care	1	OE 100 Open Elective	1
RESP1300 Respiratory Care Equipment	4	OE 100 Open Elective	4
RESP1310 Cardiopulmonary Physiology	3	OE 100 Open Elective	3
RESP1320 Acid-Base & Hemodynamics	2	OE 100 Open Elective	2
RESP1330 Cardiopulmonary Assessment & Pulmonary Disease	5	OE 100 Open Elective	5
RESP1340 Pharmacology for Respiratory Care	2	OE 100 Open Elective	2
RESP1700 Asthma Management	1	OE 100 Open Elective	1
RESP2210 Introduction to Mechanical Ventilation	1	OE 200 Open Elective	1
RESP2300 Basic Therapeutic Procedures	3	OE 200 Open Elective	3
RESP2310 Mechanical Ventilation	4	OE 200 Open Elective	4
RESP2320 Pediatric/Neonatal Respiratory Care	2	OE 200 Open Elective	2
RESP2330 Respiratory Home Care/ Rehabilitation	1	OE 200 Open Elective	1
RESP2342 Patient Management Problems	1	OE 200 Open Elective	1
RESP2940 Respiratory Care Field Experience I	1	OE 200 Open Elective	1
RESP2950 Respiratory Care Field Experience II	2	OE 200 Open Elective	2
RESP2960 Respiratory Care Field Experience III	2	OE 200 Open Elective	2
<b>Russian (RUSS)</b>			
RUSS1010 Beginning Russian I	4	OE 100 Open Elective	4
RUSS1020 Beginning Russian II	4	OE 100 Open Elective	4
RUSS1820 Independent Study/Research in Russian	1-3	OE 100 Open Elective	1-3
RUSS182H Honors Independent Study/Research in Russian	1-3	OE 100 Open Elective	1-3
RUSS2820 Advanced Independent Study/Research in Russian	1-3	OE 200 Open Elective	1-3
RUSS282H Adv Honors Independent Study/Research in Russian	1-3	OE 200 Open Elective	1-3
<b>Sports and Exercise Studies (SES)</b>			
SES1001 Introduction to Sport and Exercise Studies	2	EXS146 Introduction to Exercise Science	2
SES1040 Teaching Exercise Training Techniques	3	EXS100 Exercise Science Elective	3
SES1300 Fitness and Wellness Coaching	3	EXS100 Exercise Science Elective	3
SES1820 Independent Study/Research in Sports & Exercise Studies	1-3	OE 100 Open Elective or EXS100 Exercise Science Elective	1-3
SES2000 Essentials of Sport Injury Care	3	EXS200 Exercise Science Elective	3
SES2010 Exercise and Movement Anatomy	3	EXS200 Exercise Science Elective	3

SES2100 Sport & Exercise Physiology	3	EXS200 Exercise Science Elective	3
SES2130 Kinesiology: Fundamentals of Human Movement	3	EXS200 Exercise Science Elective	3
SES2300 Personal Training Certification Prep	3	EXS200 Exercise Science Elective	3
SES2310 Advanced Training Concepts & Techniques	3	EXS200 Exercise Science Elective	3
SES2320 Group Fitness Instructor	3	EXS200 Exercise Science Elective	3
SES2330 Motor Learning & Development	3	EXS200 Exercise Science Elective	3
SES2350 Exercise for Special Populations	3	EXS200 Exercise Science Elective	3
SES2360 Fitness and Sport Management	3	EXS200 Exercise Science Elective	3
SES2370 Sport Performance and Strength Conditioning	3	EXS200 Exercise Science Elective	3
SES2380 Corrective Exercise Training	3	EXS200 Exercise Science Elective	3
SES2390 Strength Coach Cert Prep	3	EXS200 Exercise Science Elective	3
SES2410 Exercise Testing and Prescription	3	EXS200 Exercise Science Elective	3
SES2420 Advanced Exercise Testing and Prescription	3	EXS200 Exercise Science Elective	3
SES2500 Health and Wellness Coach Certification Prep	3	EXS200 Exercise Science Elective	3
SES2820 Indep Adv Study/Research in Sports and Exercise Studies	1-3	OE 200 Open Elective or EXS200 Exercise Science Elective	1-3
SES2840 Practicum: Sport & Exercise Studies	2	EXS200 Exercise Science Elective	2
<b>Sociology (SOC)</b>			
SOC1010 Introductory Sociology	3	SOC101 Principles of Sociology	3
SOC101H Honors Introductory Sociology	3	SOC101 Principles of Sociology	3
SOC1020 Social Institutions	3	SOC100 Sociology Elective	3
SOC179H Honors Contract in Sociology	1	OE 100 Open Elective	1
SOC1820 Independent Study/Research in Sociology	1-3	OE 100 Open Elective or SOC100 Sociology Elective	1-3
SOC182H Honors Independent Study/Research in Sociology	1-3	OE 100 Open Elective or SOC100 Sociology Elective	1-3
SOC2010 Social Problems	3	SOC200 Sociology Elective	3
SOC201H Honors Social Problems	3	SOC200 Sociology Elective	3
SOC2020 Sociology of the Family	3	SOC200 Sociology Elective	3
SOC2040 Introduction to Social Work	3	SOC200 Sociology Elective	3
SOC2051 Introduction to Social Welfare	3	SOC200 Sociology Elective	3
SOC2060 Human Behavior & Social Environment	3	SOC200 Sociology Elective	3
SOC2070 Poverty in the United States	3	SOC200 Sociology Elective	3
SOC2100 Aging and Society	3	SOC200 Sociology Elective	3
SOC2110 Death and Dying	3	SOC200 Sociology Elective	3
SOC2150 Deviance	3	SOC200 Sociology Elective	3
SOC2160 Introduction to Criminology	3	ENF293 Criminology	3
SOC2210 Dating & Intimate Relationships	3	SOC200 Sociology Elective	3
SOC2410 Sociology of Gender	3	SOC200 Sociology Elective	3
SOC2510 Urban Sociology	3	SOC200 Sociology Elective	3
SOC2550 Race and Ethnic Relations	3	SOC200 Sociology Elective	3
SOC279H Sophomore Honors Contract	1	OE 200 Open Elective	1
SOC2820 Independent Advanced Study/Research in Sociology	1-3	OE 200 Open Elective or SOC200 Sociology Elective	1-3
SOC282H Honors Indep Advanced Study/Research in Sociology	1-3	OE 200 Open Elective or SOC200 Sociology Elective	1-3
SOC2830 Cooperative Field Experience	1-3	OE 200 Open Elective or SOC200 Sociology Elective	1-3
<b>Spanish (SPAN)</b>			
SPAN1011 Beginning Spanish Language & Culture I	4	OE 100 Open Elective	4
SPAN1021 Beginning Spanish Language & Culture II	4	OE 100 Open Elective	4

SPAN102H Honors Beginning Spanish Language & Culture II	4	OE 100 Open Elective	4
SPAN1030 Spanish for Law Enforcement	4	OE 100 Open Elective	4
SPAN179H Honors Contract in Spanish	1	OE 100 Open Elective	1
SPAN1820 Independent Study/Research in Spanish	1-3	OE 100 Open Elective	1-3
SPAN182H Honors Independent Study/Research in Spanish	1-3	OE 100 Open Elective	1-3
SPAN2010 Intermediate Language and Culture I	3	OE 200 Open Elective	3
SPAN2020 Intermediate Language and Culture II	3	OE 200 Open Elective	3
SPAN2411 Spanish Conversation & Composition	3	OE 200 Open Elective	3
SPAN2420 Introduction to Spanish Culture, Civilization & Lit	3	OE 200 Open Elective	3
SPAN2430 Civilization,Culture,&Lit of Latin America	3	OE 200 Open Elective	3
SPAN279H Sophomore Honors Contract	1	OE 200 Open Elective	1
SPAN2820 Independent Advanced Study/Research in Spanish	1-3	OE 200 Open Elective	1-3
SPAN282H Honors Independent Adv Study/Research in Spanish	1-3	OE 200 Open Elective	1-3
<b><i>Speech and Hearing (SPH)</i></b>			
SPH2150 Introduction to Speech Pathology	3	OE 200 Open Elective	3
<b><i>Surgical Technology (SURT)</i></b>			
SURT1000 Survey of Surgical Technology	1	OE 100 Open Elective	1
SURT1300 Introduction to Surgery	5	OE 100 Open Elective	5
SURT130L Surgery Lab	2	OE 100 Open Elective	2
SURT1330 General Surgery	5	OE 100 Open Elective	5
SURT1700 Sterile Processing Tech I	4	OE 100 Open Elective	4
SURT1710 Sterile Processing Tech II	4	OE 100 Open Elective	4
SURT1720 Introduction to Hospital Administration	1	OE 100 Open Elective	1
SURT1861 Clinical Experience : Sterile Processing	2	OE 100 Open Elective	2
SURT1911 Clinical Experience I	3	OE 100 Open Elective	3
SURT1921 Clinical Experience II	2	OE 200 Open Elective	2
SURT2300 Surgical Specialties	5	OE 200 Open Elective	5
SURT2851 Clinical Experience III	3	OE 200 Open Elective	3
SURT2862 Clinical Experience IV	4	OE 200 Open Elective	4
<b><i>Theatre Arts (THEA)</i></b>			
THEA1010 Theatre Appreciation	3	ART100 Art Elective	3
THEA1430 Introduction to Scenery & Stagecrafts	3	ART100 Art Elective	3
THEA1500 Acting I	3	ART100 Art Elective	3
THEA1510 Acting II	3	ART100 Art Elective	3
THEA1520 Improvisation & Performance I	3	ART100 Art Elective	3
THEA1540 Rehearsal & Performance	2	ART100 Art Elective	2
THEA1550 Practicum in Technical Theatre	2	ART100 Art Elective	2
THEA1600 Acting for the Camera I	3	ART100 Art Elective	3
THEA179H Honors Contract in Theatre	1	OE 100 Open Elective	1
THEA1820 Independent Study/Research in Theatre Arts	1-3	OE 100 Open Elective or ART100 Art Elective	1-3
THEA182H Honors Independent Study/Research in Theatre Arts	1-3	OE 100 Open Elective or ART100 Art Elective	1-3
THEA2010 Script Analysis	3	ART200 Art Elective	3
THEA2100 Arts Management	3	ART200 Art Elective	3



THEA2210 History of Theatre and Drama I	3	ART200 Art Elective	3
THEA2220 History of Theatre and Drama II	3	ART200 Art Elective	3
THEA2400 Playwriting	3	ART200 Art Elective	3
THEA2440 Sound of Theatre	3	ART200 Art Elective	3
THEA2450 Drafting for Theatre	3	ART200 Art Elective	3
THEA2500 Acting III	3	ART200 Art Elective	3
THEA2510 Acting IV	3	ART200 Art Elective	3
THEA2520 Improvisation & Performance II	3	ART200 Art Elective	3
THEA2540 Advanced Rehearsal & Performance	2	ART200 Art Elective	2
THEA2550 Advanced Practicum in Technical Theatre	2	ART200 Art Elective	2
THEA2600 Acting for the Camera II	3	ART200 Art Elective	3
THEA279H Sophomore Honors Contract	1	OE 200 Open Elective	1
THEA2820 Independent Advanced Study/Research in Theatre Arts	1-3	OE 200 Open Elective or ART 200 Art Elective	1-3
THEA282H Adv Honors Indep Study/Research in Theatre Arts	1-3	OE 200 Open Elective or ART 200 Art Elective	1-3
THEA2830 Cooperative Field Experience	1-3	OE 200 Open Elective or ART 200 Art Elective	1-3
<b>Urban Studies (UST)</b>			
UST1010 Introduction to Urban Studies	3	CUL100 Cultural Studies Elective	3
UST1120 History of Cleveland	3	CUL100 Cultural Studies Elective	3
UST179H Honors Contract in Urban Studies	1	OE 100 Open Elective	1
UST1820 Independent Study/Research in Urban Studies	1-3	OE 100 Open Elective or CUL100 Cultural Studies Elective	1-3
UST182H Honors Independent Study/Research in Urban Studies	1-3	OE 100 Open Elective or CUL100 Cultural Studies Elective	1-3
UST2020 Urban Cultures	3	CUL200 Cultural Studies Elective	3
UST2070 Urban Politics	3	CUL200 Cultural Studies Elective	3
UST2640 American Urban History	3	CUL200 Cultural Studies Elective	3
UST2820 Independent Advanced Study/Research in Urban Studies	1-3	OE 200 Open Elective or CUL200 Cultural Studies Elective	1-3
UST282H Honors Independent Adv Study/Research in Urban Studies	1-3	OE 200 Open Elective or CUL200 Cultural Studies Elective	1-3
<b>Visual Communication (VC)</b>			
VC1000 Visual Communication Foundation	3	OE 100 Open Elective	3
VC1061 History of Graphic Design	3	OE 100 Open Elective	3
VC1201 Typography I	3	OE 100 Open Elective	3
VC1431 Vector Graphics	3	OE 100 Open Elective	3
VC1940 Field Experience I	1-3	OE 100 Open Elective	1-3
VC2301 Graphic Design and Illustration	3	OE 200 Open Elective	3
VC2541 Individual Projects	3	OE 200 Open Elective	3
VC2830 Cooperative Field Experience	1-3	OE 200 Open Elective	1-3
VC2991 Portfolio Preparation	3	OE 200 Open Elective	3
<b>Visual Com&amp;Design (Advertising Design) (VCAD)</b>			
VCAD2621 Advertising Studio I	3	OE 200 Open Elective	3
VCAD2820 Indep Adv Study/Research in Advertising Design	1-3	OE 200 Open Elective	1-3
<b>Visual Communication and Design (Graphic Design) (VCGD)</b>			
VCGD1500 Advertising and Design	3	OE 100 Open Elective	3
VCGD2232 Typography II	3	OE 200 Open Elective	3
VCGD2331 Brand Identity Design	3	OE 200 Open Elective	3

VCGD2400 Information Graphic Design	3	OE 200 Open Elective	3
VCGD2431 Package Design	3	OE 200 Open Elective	3
VCGD2631 Graphic Design Studio	3	OE 200 Open Elective	3
VCGD2820 Independent Adv Study/Research in Graphic Design	1-3	OE 200 Open Elective	1-3
<b>Visual Communication and Design (Illustration) (VCIL)</b>			
VCIL1142 Illustration I	3	OE 100 Open Elective	3
VCIL1640 Design	3	OE 100 Open Elective	3
VCIL2040 3D Motion	3	OE 200 Open Elective	3
VCIL2142 Illustration II	3	OE 200 Open Elective	3
VCIL2241 Advanced Illustration	3	OE 200 Open Elective	3
VCIL2341 Illustration for Story	3	OE 200 Open Elective	3
VCIL2440 3D Simulation	3	OE 200 Open Elective	3
VCIL2540 3D Studio	3	OE 200 Open Elective	3
VCIL2641 Illustration Studio	3	OE 200 Open Elective	3
VCIL2820 Independent Advanced Study/Research in Illustration	1-3	OE 200 Open Elective	1-3
<b>Visual Communication&amp;Design (Web and Interactive Media) (VCIM)</b>			
VCIM1200 Game Design I: Introduction to Game Design	3	OE 100 Open Elective	3
VCIM1400 Game Design II: Game Engines	3	OE 100 Open Elective	3
VCIM1570 Web Publishing I: HTML	3	OE 100 Open Elective	3
VCIM1770 Web Publishing II: Site Theory & Construction	3	OE 100 Open Elective	3
VCIM1970 Midpoint Portfolio Review	1	OE 100 Open Elective	1
VCIM2072 Service Learning: Real World Experience in Web, Game Design, and Interactive Media	3	OE 200 Open Elective	3
VCIM2200 Game Design III: Game Design Studio	3	OE 200 Open Elective	3
VCIM2271 2D Animation	3	OE 200 Open Elective	3
VCIM2281 Web Publishing III: JavaScript	3	OE 200 Open Elective	3
VCIM2291 Web Publishing IV: Data-Driven Sites	3	OE 200 Open Elective	3
VCIM2372 Interactive Media I - Design Thinking	3	OE 200 Open Elective	3
VCIM2380 Interactive Media II: App Design	3	OE 200 Open Elective	3
VCIM2401 Game Design IV-Game Publishing	3	OE 200 Open Elective	3
VCIM2470 Virtual Reality Imaging	2	OE 200 Open Elective	2
VCIM2572 User Experience Studio	3	OE 200 Open Elective	3
VCIM2700 User Experience Design	3	OE 200 Open Elective	3
VCIM2820 Independent Adv Study/Research in Interactive Media	1-3	OE 200 Open Elective	1-3
<b>Visual Communication and Design (Photography)(VCPH)</b>			
VCPH1150 History of Photography	3	ART100 Art Elective	3
VCPH1261 Photography I	3	ART100 Art Elective	3
VCPH1450 Digital Imaging I	3	DMD134 Introduction to Digital Media	3
VCPH179H Honors Contract in Photography	1	OE 100 Open Elective	1
VCPH1820 Independent Study/Research in Photography	1-3	OE 100 Open Elective or ART 100 Art Elective	1-3
VCPH2050 Commercial Studio Techniques I	3	ART200 Art Elective	3
VCPH2160 Digital Video for Photographers	3	DMD200 Digital Media & Design Elective	3
VCPH2260 Photography II	3	ART200 Art Elective	3
VCPH2450 Digital Imaging II	3	DMD230 Digital Video I	3

VCPH2541 Individual Projects- Photography	3	ART200 Art Elective	3
VCPH2550 Commercial Studio Techniques II	3	ART200 Art Elective	3
VCPH2660 Photography III	3	ART200 Art Elective	3
VCPH2761 Photography for Media Publication	3	ART200 Art Elective	3
VCPH2770 Commercial Studio Techniques III	3	ART200 Art Elective	3
VCPH2820 Independent Adv Study/Research in Photography	1-3	OE 200 Open Elective or ART200 Art Elective	1-3
VCPH2991 Professional Bus Pract&Portfolio Prep for Photographers	4	ART200 Art Elective	4
<b><i>Veterinary Technology (VT)</i></b>			
VT1120 Introduction to Veterinary Technology	2	OE 100 Open Elective	2
VT1325 Veterinary Office Applications	2	OE 100 Open Elective	2
VT1401 Veterinary Science I	4	OE 100 Open Elective	4
VT1410 Veterinary Science II	3	OE 100 Open Elective	3
VT1521 Veterinary Pathology I	2	OE 100 Open Elective	2
VT1530 Veterinary Pathology II	2	OE 100 Open Elective	2
VT1600 Veterinary Surgical Nursing & Assisting	3	OE 100 Open Elective	3
VT1700 Veterinary Diagnostic Imaging	3	OE 100 Open Elective	3
VT2200 Dentistry for Veterinary Technicians	1	OE 200 Open Elective	1
VT2300 Pharmacology for Veterinary Technicians	2	OE 200 Open Elective	2
VT2402 Veterinary Pathology II	2	OE 200 Open Elective	2
VT2412 Veterinary Pathology IV	2	OE 200 Open Elective	2
VT2520 Animal Health and Disease	3	OE 200 Open Elective	3
VT2610 Veterinary Anesthesia, Analgesia, & Dental Techniques	3	OE 200 Open Elective	3
VT2650 Veterinary Emergency and Critical Care	1	OE 200 Open Elective	1
VT2700 Avian and Exotic Animal Medicine	2	OE 200 Open Elective	2
VT2820 Independent Adv Study/Research in Veterinary Techn	1-3	OE 200 Open Elective	1-3
VT2851 Veterinary Practicum & Seminar I	1	OE 200 Open Elective	1
VT2860 Veterinary Practicum & Seminar II	2	OE 200 Open Elective	2
VT2940 Veterinary Field Experience	2	OE 200 Open Elective	2
<b><i>Women and GENDER STUDIES (WGS)</i></b>			
WGS1510 Introduction to Women's and Gender Studies	3	CUL100 Cultural Studies Elective	3
WGS151H Honors Intro to Women's and Gender Studies	3	CUL100 Cultural Studies Elective	3
WGS1520 Women's Films	3	CUL100 Cultural Studies Elective	3
WGS179H Honors Contract: Women's Study	1	OE 100 Open Elective	1
WGS1820 Indepe Study/Res in Women's & Gender Studies	1-3	OE 100 Open Elective	1-3
WGS182H Hon Indep Study/Res in Women's&Gender Studies	1-3	OE 100 Open Elective	1-3
WGS2010 Women in the World	3	CUL200 Cultural Studies Elective	3
WGS201H Honors Women in the World	3	CUL200 Cultural Studies Elective	3
WGS2020 Women, Science and Technology	3	CUL200 Cultural Studies Elective	3
WGS2030 Women and Art	3	CUL200 Cultural Studies Elective	3
WGS2120 Women and Politics	3	CUL200 Cultural Studies Elective	3
WGS279H Sophomore Honors Contract	1	OE 200 Open Elective	1