

**BASED ON THE 2014-2015 STARK STATE COLLEGE CATALOG AND THE  
2015-2016 TIFFIN UNIVERSITY ACADEMIC BULLETIN**

Stark State College Course Equivalence

<b>STARK STATE COLLEGE</b>	Sem. Hr.	<b>TIFFIN UNIVERSITY</b>	Sem. Hr.
<b><i>ACCOUNTING (ACC)</i></b>			
ACC121 Princ of Accounting	4	ACC201 Survey of Accounting	4
ACC124 Individual Taxation	4	ACC100 Accounting Elective	4
ACC130 Business Law and Ethics	3	LAW211 Business Law I	3
ACC132 Financial Accounting	4	ACC210 Analysis of the Accounting Process	4
ACC133 Managerial Accounting	4	ACC228 Managerial Accounting	4
ACC134 International Law	3	ACC100 Accounting Elective	3
ACC221 Intermediate Acct I	4	ACC301 Intermediate Accounting I	4
ACC222 Intermediate Acct II	4	ACC200 Accounting Elective	4
ACC223 Cost Accounting	4	ACC313 Cost Accounting I	4
ACC225 Auditing	4	ACC200 Accounting Elective	4
ACC226 Advanced Accounting	4	ACC200 Accounting Elective	4
ACC227 Payroll Accounting	3	ACC200 Accounting Elective	3
ACC228 Business Taxation	4	ACC200 Accounting Elective	4
ACC229 Computerized Acctg Applications	3	ACC231 Computerized Accounting	3
ACC235 Forensic Accounting	3	ACC200 Accounting Elective	3
ACC232 Govt and Not-for-Prft Acct	4	ACC200 Accounting Elective	4
ACC234 Advanced Payroll	3	ACC200 Accounting Elective	3
ACC237 Fraud Examination	4	ACC200 Accounting Elective	4
ACC238 Financial Statement Analysis	4	ACC200 Accounting Elective	4
ACC239 Estate and Income Tax Planning	4	ACC200 Accounting Elective	4
ACC240 CMA Exam Part 1 Rev Crse	4	ACC200 Accounting Elective	4
ACC241 CMA Exam Part 2 Review Course	4	ACC200 Accounting Elective	4
<b><i>ALTERNATE ENERGY TECHNOLOGY (AET)</i></b>			
AET121 Sustainable/AET Source	3	OE 100 Open Elective	3
AET122 Analysis/App of Set	3	OE 100 Open Elective	3
AET123 Sustainable/Alt Energy Sys	3	OE 100 Open Elective	3
AET124 Sustainable/Alt Energy Project	3	OE 100 Open Elective	3
AET221 Solar Thermal Systems	3	OE 200 Open Elective	3
AET222 Solar Photovoltaic Systems	3	OE 200 Open Elective	3
<b><i>APPLIED INDUSTRIAL TECHNOLOGY (AIT)</i></b>			
AIT122 Machine Tools	3	OE 100 Open Elective	3
AIT123 Advanced Machine Tools	4	OE 100 Open Elective	4
AIT124 Principles of Rigging	2	OE 100 Open Elective	2
AIT125 Commercial Plumbing	3	OE 100 Open Elective	3
AIT126 Ind Elecl Applic and Safety	2	OE 100 Open Elective	2
AIT127 Low Pressure Steamplant Operts	3	OE 100 Open Elective	3
AIT128 High Pressure Steamplant Opert	3	OE 100 Open Elective	3

AIT129 Stationary Steamplant Enginerg	3	OE 100 Open Elective	3
AIT130 Structural Maintenance Welding	3	OE 100 Open Elective	3
AIT131 Electrical Applications Sfty	2	OE 100 Open Elective	2
AIT132 Stationary Steamplant Enginerg	6	OE 100 Open Elective	6
AIT133 Adv Elecricl Apps and Sfty	2	OE 100 Open Elective	2
AIT134 Predictive Maintenance Tech I	3	OE 100 Open Elective	3
AIT136 Alternate Energy Sources	3	OE 100 Open Elective	3
AIT137 CAD/CAM	4	OE 100 Open Elective	4
AIT138 Root Cause Analysis	3	OE 100 Open Elective	3
AIT221 Advanced Cnc Programming	3	OE 200 Open Elective	3
AIT222 Predictive Maintenance Tech II	3	OE 200 Open Elective	3
AIT223 Anals/Applic of Wind Turb Engy	3	OE 200 Open Elective	3
AIT224 Wind Turbine Energy Systems	3	OE 200 Open Elective	3
AIT225 Advanced CAD/CAM	4	OE 200 Open Elective	4
AIT226 Robotic Vision	2	OE 200 Open Elective	2

**ADMINISTRATIVE OFFICE TECHNOLOGY (AOT)**

AOT101 Alphanumeric Keyboarding	1	OE 100 Open Elective	1
AOT121 Keyboarding/Formatting	3	OE 100 Open Elective	3
AOT127 WP-Microsoft Word	3	OE 100 Open Elective	3
AOT128 DPT-Microsoft Publisher	3	OE 100 Open Elective	3
AOT129 Keyboarding/Skillbuilding	1	OE 100 Open Elective	1
AOT130 Editing, Proofreading & Lang	3	OE 100 Open Elective	3
AOT132 Records Management	3	OE 100 Open Elective	3
AOT134 Form Design Essentials	1	OE 100 Open Elective	1
AOT224 Legal Office Procedures	3	OE 200 Open Elective	3
AOT226 Shrsheet Microsoft Excel	3	OE 200 Open Elective	3
AOT227 Admin Procedures and Systems	3	OE 200 Open Elective	3
AOT232 AOT Practicum	2	OE 200 Open Elective	2
AOT235 Legal Research and Writing	3	OE 200 Open Elective	3
AOT236 DP App Microsoft Access	3	OE 200 Open Elective	3
AOT237 Legal Office Applications	3	OE 200 Open Elective	3
AOT238 Web Design for Office Prof	3	CIS255 Internet and Website Development	3
AOT239 Legal Transcription	3	OE 200 Open Elective	3

**PERCISION MACHINING (ARL)**

ARL121 CNC Lathe Operations	3	OE 100 Open Elective	3
ARL122 CNC Mill Operations	3	OE 100 Open Elective	3
ARL123 CNC Grinding Operations	3	OE 100 Open Elective	3
ARL124 Basic Metrology	3	OE 100 Open Elective	3
ARL125 Metallurgical Inspection	2	OE 100 Open Elective	2
ARL126 Metallurgy for Ferrous Matl	2	OE 100 Open Elective	2
ARL127 Industrial mathematics	3	OE 100 Open Elective	3
ARL128 Precision Grinding	3	OE 100 Open Elective	3
ARL129 Fundamental of CNC Operations	3	OE 100 Open Elective	3
ARL130 CNC Trng Ctr Prog Eia Format	3	OE 100 Open Elective	3
ARL131 CNC Marching Ctr Prig Eia Frmt	3	OE 100 Open Elective	3

ARL132 CNC Turning CTR Prg-Conv Frmt	3	OE 100 Open Elective	3
ARL133 CNC Machng Ctr Prog-Conv Frmt	3	OE 100 Open Elective	3
ARL139 Mechanical Fasteners	3	OE 100 Open Elective	3
ARL140 Material Hand & Comp Prep	3	OE 100 Open Elective	3
ARL141 Compressor Sub Assembly	2	OE 100 Open Elective	2
ARL142 Small Unit Compressor Assemble	3	OE 100 Open Elective	3
ARL143 Compressor Coating Processes	3	OE 100 Open Elective	3
ARL144 Cylinder Hydrotesting	3	OE 100 Open Elective	3
ARL145 Compressor Ion Nitriding	3	OE 100 Open Elective	3
ARL146 Compressor Doc Integration	3	OE 100 Open Elective	3
ARL221 Ind Layout and Trigonometry	3	OE 200 Open Elective	3
ARL222 Advanced CNC Operations	3	OE 200 Open Elective	3
ARL223 MFG Cell Ldshp and Communic	3	OE 200 Open Elective	3
ARL224 Master Cam Operations	3	OE 200 Open Elective	3
ARL230 Field Service Operations	3	OE 200 Open Elective	3
ARL231 Compressor Final Inspection	3	OE 200 Open Elective	3
ARL232 Rotary Unit Assembly	3	OE 200 Open Elective	3
ARL233 Ind App, Customers & Products	3	OE 200 Open Elective	3
ARL234 Gas Compression/Flow Dynamics	3	OE 200 Open Elective	3
ARL235 Midsize Unit Compressor Assemb	3	OE 200 Open Elective	3
ARL236 Adv Cylinder Hydrotesting	3	OE 200 Open Elective	3
ARL238 Adv Compressor Ion Nitriding	3	OE 200 Open Elective	3
ARL239 Large Line Unit Comp Assembly	3	OE 200 Open Elective	3

***AMERICAN SIGN LANGUAGE (ASL)***

ASL121 Intr to Deaf Culture Community	3	OE 100 Open Elective	3
ASL122 American Sign Language I	3	OE 100 Open Elective	3
ASL123 Introduction to Interpreting	3	OE 100 Open Elective	3
ASL124 American Sign Language II	3	OE 100 Open Elective	3
ASL125 Fingerspelling	2	OE 100 Open Elective	2
ASL221 American Sign Language III	3	OE 200 Open Elective	3
ASL222 American Sign Lang Prac/Sem	3	OE 200 Open Elective	3

***AUTOMOTIVE TECHNOLOGY (AUT)***

AUT121 Automotive Tech Skills	2	OE 100 Open Elective	2
AUT122 Automotive Sys and Eng Tec	4	OE 100 Open Elective	4
AUT123 Eng Diagnosis and Maj Serv	4	OE 100 Open Elective	4
AUT124 Vehicle Chassis Systems	4	OE 100 Open Elective	4
AUT125 Auto Elec'l and Access Sys	4	OE 100 Open Elective	4
AUT126 Auto HVAC Systems	2	OE 100 Open Elective	2
AUT128 DPT-Microsoft Publisher	3	OE 100 Open Elective	3
AUT130 Auto Safety and Shop Standards	2	OE 100 Open Elective	2
AUT131 Auto Detailing Bus Practices	2	OE 100 Open Elective	2
AUT132 Auto Exterior Detailing	3	OE 100 Open Elective	3
AUT133 Auto Interior Detailing	2	OE 100 Open Elective	2
AUT134 Auto Under-Hood/Under-Car Det	2	OE 100 Open Elective	2
AUT135 Adv Auto Detailing Tech	3	OE 100 Open Elective	3

AUT136 Practical Auto Detail Applic	2	OE 100 Open Elective	2
AUT137 Ase Test Preparation	2	OE 100 Open Elective	2
AUT138 Applied Automotive Principles	4	OE 100 Open Elective	4
AUT141 Vehicle Chassis Systems	2	OE 100 Open Elective	2
AUT142 Auto Elect Sys Toyota	2	OE 100 Open Elective	2
AUT143 Auto HVAC Sys Toyota 750	1	OE 100 Open Elective	1
AUT144 Elecl/Elecc Terminal and Con	1	OE 100 Open Elective	1
AUT145 ADV HVAC Systems Diag	1	OE 100 Open Elective	1
AUT146 Elecc Suspension Systems	1	OE 100 Open Elective	1
AUT147 Foundation Brakes/ABS Sys Serv	1	OE 100 Open Elective	1
AUT148 Eng Mech Diag and Measurement	2	OE 100 Open Elective	2
AUT150 GM Moveable Roof Systems	2	OE 100 Open Elective	2
AUT171 Introduction to Honda Pact	1	OE 100 Open Elective	1
AUT172 Honda Engine Mechanical	2	OE 100 Open Elective	2
AUT173 Honda Steering and Suspension	1	OE 100 Open Elective	1
AUT174 Honda Braking Systems	1	OE 100 Open Elective	1
AUT175 Honda Electrical Systems	2	OE 100 Open Elective	2
AUT176 Honda HVAC Systems	1	OE 100 Open Elective	1
AUT181 Intro to CAT Lift Trucks	1	OE 100 Open Elective	1
AUT182 CAT Operator Safety Training	1	OE 100 Open Elective	1
AUT183 CAT Service Information System	1	OE 100 Open Elective	1
AUT184 CAT Hydraulics Systems	1	OE 100 Open Elective	1
AUT185 CAT Internal Combustion Engine	2	OE 100 Open Elective	2
AUT187 CAT Electrical Systems	3	OE 100 Open Elective	3
AUT186 CAT Masts and Lift Mechanisms	1	OE 100 Open Elective	1
AUT188 CAT Steering Systems	1	OE 100 Open Elective	1
AUT189 CAT Braking Systems	1	OE 100 Open Elective	1
AUT191 Automotive Co-Op 1	2	OE 100 Open Elective	2
AUT192 Automotive Co-Op 2	2	OE 100 Open Elective	2
AUT193 Automotive Co-op 3	2	OE 100 Open Elective	2
AUT194 Automotive Co-Op 4	2	OE 100 Open Elective	2
AUT200 AC Delco HVAC System Diagnostc	1	OE 200 Open Elective	1
AUT201 AC Delco DuraMaxx 6600 Diesel	1	OE 200 Open Elective	1
AUT202 AC Delco Braking System	1	OE 200 Open Elective	1
AUT203 AC Delco Gm Obd-II Diagnostic	1	OE 200 Open Elective	1
AUT204 Acdelco Chrysler OBD-II EEC DIA	1	OE 200 Open Elective	1
AUT205 Acdelco Ford-Obd-II Eec Diagn	1	OE 200 Open Elective	1
AUT206 Acdelco Honda Emission & Drive	1	OE 200 Open Elective	1
AUT207 Acdelco Engine Performance	1	OE 200 Open Elective	1
AUT208 Acedlco Body Controls & Commnt	1	OE 200 Open Elective	1
AUT209 Acdelco Gm Supplmntl Restrnts	1	OE 200 Open Elective	1
AUT210 Acdelco Battery, Strtng & Chrg Sy	1	OE 200 Open Elective	1
AUT211 Acdelco Vibration Control Diag	1	OE 200 Open Elective	1
AUT212 AC Delco Adv Drivability	1	OE 200 Open Elective	1
AUT213 Acdelco Engine Perf Cmpt Ctrl	1	OE 200 Open Elective	1
AUT214 Acdelco Elecl Cir Diag and Rep	1	OE 200 Open Elective	1
AUT215 Acdelco Emission Sys Diag	1	OE 200 Open Elective	1

AUT217 Acdelco HVAC Cntrls, Oper Diag	1	OE 200 Open Elective	1
AUT218 Acdelco Eng Perf Fuel and Air	1	OE 200 Open Elective	1
AUT221 Fuel and Emissions Mgt Sys	3	OE 200 Open Elective	3
AUT222 Engine Sys Per Diagnosis	3	OE 200 Open Elective	3
AUT223 Adv Auto Electronics	3	OE 200 Open Elective	3
AUT224 Auto Diesel Systems	2	OE 200 Open Elective	2
AUT225 Auto Drivetrain 1	3	OE 200 Open Elective	3
AUT226 Auto Drivetrain 2	3	OE 200 Open Elective	3
AUT227 Computerized Veh Control	3	OE 200 Open Elective	3
AUT228 Auto Service Management	2	OE 200 Open Elective	2
AUT230 Technical Project	2	OE 200 Open Elective	2
AUT231 Specialized Elec Train	3	OE 200 Open Elective	3
AUT232 Fuel Injection-EFI/PFI	2	OE 200 Open Elective	2
AUT233 Auto Diagnostic Applic	2	OE 200 Open Elective	2
AUT234 Alt Fuels & Adv Auto Tech	2	OE 200 Open Elective	2
AUT241 Body Control Systems	2	OE 200 Open Elective	2
AUT242 Entertainment Systems	2	OE 200 Open Elective	2
AUT243 GM Air Bag Systems	1	OE 200 Open Elective	1
AUT244 Allison Lct 1000 Auto Trans Di	2	OE 200 Open Elective	2
AUT245 Vibration Correction	1	OE 200 Open Elective	1
AUT246 Rear Axle & Propeller Shaft	2	OE 200 Open Elective	2
AUT247 VEH Emission/Enhanc Test Di	1	OE 200 Open Elective	1
AUT248 GM Powertrain Performance	2	OE 200 Open Elective	2
AUT249 Diesel Engine Performance	2	OE 200 Open Elective	2
AUT250 Auto Transmis/Transaxle Diag	2	OE 200 Open Elective	2
AUT251 Automotive Drivetrains I	1	OE 200 Open Elective	1
AUT252 Automotive Drivetrains II	1	OE 200 Open Elective	1
AUT253 Computerized Vehicle Controls	2	OE 200 Open Elective	2
AUT254 Auto Aftermkt Veh Int Mod	3	OE 200 Open Elective	3
AUT255 Auto Aftermkt Veh Exterior Mod	3	OE 200 Open Elective	3
AUT256 Auto Aftermkt Veh Powertrn Mod	3	OE 200 Open Elective	3
AUT257 Auto Aftermkt Veh Chassis Mod	3	OE 200 Open Elective	3
AUT271 Honda Fuel and Emission System	1	OE 200 Open Elective	1
AUT273 Honda Advanced Diagnostic Apps	1	OE 200 Open Elective	1
AUT275 Honda Manual Transmissions	1	OE 200 Open Elective	1
AUT276 Honda Automatic Transmissions	1	OE 200 Open Elective	1
AUT281 CAT Diffrentils and Front Axles	1	OE 200 Open Elective	1
AUT282 CAT Transmissions	2	OE 200 Open Elective	2
AUT283 CAT Fuel Systems (LP/Gasoline)	2	OE 200 Open Elective	2
AUT284 GM Waterleak and Windnoise Mgt	1	OE 200 Open Elective	1
AUT285 GM Diesel Engine Per Cert Assm	1	OE 200 Open Elective	1
AUT286 GM Manual Drvtrain and Axle	1	OE 200 Open Elective	1
AUT287 GM HVAC Certification Assmt	1	OE 200 Open Elective	1
AUT288 GM Engine Performance Cert Ast	1	OE 200 Open Elective	1
AUT289 GM Autotransmission/Tranaxle	1	OE 200 Open Elective	1
AUT290 Gm Engine Repair Cert Assmt	1	OE 200 Open Elective	1
AUT291 Electrical/Elecc Cert Assmt	2	OE 200 Open Elective	2

AUT292 GM Steering and Susp Cert Assmt	1	OE 200 Open Elective	1
AUT293 GM Brakes Certification Assmt	1	OE 200 Open Elective	1
AUT327 Acdelco Honda Emission & Drive	1	OE 200 Open Elective	1
AUT339 Acdelco Adv Refrigerant Diag	1	OE 200 Open Elective	1
AUT428 GM Engine Repair Cert Assmt	1	OE 200 Open Elective	1

### ***BIOLOGY (BIO)***

BIO101 Intro to Anat and Physio	3	BIO100 Biology Elective	3
BIO101A Intro to Anat and Physio A	1.5	OE 100 Open Elective	1.5
BIO101B Intro to Anat and Physio B	1.5	OE 100 Open Elective	1.5
BIO121 Anatomy and Physiology I	4	NAT150 Intro to Anatomy & Physiology	4
BIO122 Anatomy and Physiology II	4	BIO100 Biology Elective	4
BIO123 Prin of Hum Struct and Fun	5	BIO100 Biology Elective	5
BIO124 Human Diseases	3	BIO100 Biology Elective	3
BIO125 Medical Terminology	3	MGT151 Medical Terminology	3
BIO126 Science/Energy and the Env	4	NAT201 Principles of Physical Science	4
BIO127 Human Biology	4	BIO100 Biology Elective	4
BIO128 Climate Studies	3	BIO100 Biology Elective	3
BIO129 Meteorology	3	BIO100 Biology Elective	3
BIO130 Ocean Studies	3	NAT210 Oceanography	3
BIO141 General Biology I	4	BIO101 Contemporary Biological Problems	4
BIO142 General Biology II	4	BIO100 Biology Elective	4
BIO221 Princ of Microbiology	4	BIO200 Biology Elective	4
BIO222 Pharmacology	3	BIO200 Biology Elective	3
BIO241 General Genetics	4	BIO200 Biology Elective	4
BIO242 Cell and Molecular Biology	4	BIO345 Cellular and Molecular Biology	4

### ***BIOTECHNOLOGY (BST)***

BST120 Intro to Biotechnology	1	OE 100 Open Elective	1
BST121 Basic Biotechnology Methods	1	OE 100 Open Elective	1
BST122 Advanced Biotechnology Methods	3	BIO100 Biology Elective	3
BST130 Biotechnology Seminar I	1	OE 100 Open Elective	1
BST221 Cell and Tissue Culture	2	BIO200 Biology Elective	2
BST222 Cellular and Subcellular Septn	4	BIO200 Biology Elective	4
BST225 Biotechnology Instrumentation	2	BIO200 Biology Elective	2
BST240 Bioinformatics	3	BIO200 Biology Elective	3
BST250 Bioprocess and Manufacturing	4	BIO200 Biology Elective	4

### ***BUSINESS TECHNOLOGY DIV (BTD)***

BTD201 Bus Independent Study	1	OE 200 Open Elective	1
BTD202 Bus Independent Study	2	MGT200 Management Elective	2
BTD203 Bus Independent Study	3	MGT200 Management Elective	3
BTD204 Bus Independent Study	4	MGT200 Management Elective	4
BTD222 Business Co-Op	2	MGT200 Management Elective	2
BTD223 Business Co-Op	3	MGT200 Management Elective	3
BTD224 Business Co-Op	4	MGT200 Management Elective	4
BTD225 Special Topics	1	OE 200 Open Elective	1

BTD226 Special Topics	2	MGT200 Management Elective	2
BTD227 Special Topics	3	MGT200 Management Elective	3

**GENERAL BUSINESS (BUS)**

BUS121 Business Administration	4	MGT121 How Business Works	4
BUS122 Basic Economics	3	ECO100 Economics Elective	3
BUS124 Business Analysis with Alg	4	MGT100 Management Elective	4
BUS221 Microeconomics	3	ECO222 Principles of Microeconomics	3
BUS222 Macroeconomics	3	ECO221 Principles of Macroeconomics	3
BUS223 International Economics	3	ECO200 Economics Elective	3

**CHEMICAL DEPENDENCY (CDC)**

CDC121 Chem Dep: Assessmt and Trtmt Pl	3	OE 100 Open Elective	3
CDC122 Fund of Chem Dep Pract I	3	OE 100 Open Elective	3
CDC221 Chem Dependncy and the Fam	3	OE 200 Open Elective	3
CDC222 Fund of Chem Dep Pract II	3	OE 200 Open Elective	3
CDC223 Chemical Dependency and Prevnt	1	OE 200 Open Elective	1
CDC224 Chemical Dependency and Ethics	1	OE 200 Open Elective	1
CDC231 Chem Depend Pract & Sem	3	OE 200 Open Elective	3

**COMMERICAL DRIVERS LICENS (CDL)**

CDL121 CDL-Class A-Safe Oper & Control	5	OE 100 Open Elective	5
CDL122 CDL-Class A-ADV Oper & Maint	6	OE 100 Open Elective	6
CDL123 Comm Drivers License-Class A	2	OE 100 Open Elective	2

**ENGINEERING TECHNOLOGY (CET)**

CET121 Bldg Mat and Con Met	3	OE 100 Open Elective	3
CET122 Architectural Draft I	3	OE 100 Open Elective	3
CET123 Architectural Draft II	3	OE 100 Open Elective	3
CET124 Highway and Map Drawing	2	OE 100 Open Elective	2
CET125 Soil Mechanics	3	OE 100 Open Elective	3
CET221 Surveying Graphics	3	OE 200 Open Elective	3
CET222 Concrete and Asphalt Test	3	OE 200 Open Elective	3
CET223 Structural Design I	3	OE 200 Open Elective	3
CET224 Structural Design II	3	OE 200 Open Elective	3
CET225 Sustainable Bdg Srvce Sys	3	OE 200 Open Elective	3
CET226 Estimating	3	OE 200 Open Elective	3
CET227 Surveying I	3	OE 200 Open Elective	3
CET228 Surveying II	3	OE 200 Open Elective	3
CET229 Surveying III	3	OE 200 Open Elective	3
CET231 Legal Princ of Surveying	3	OE 200 Open Elective	3
CET232 Land Planning and Design	3	OE 200 Open Elective	3
CET233 Architectural Design	3	OE 200 Open Elective	3
CET234 A/E CAD	2	OE 200 Open Elective	2
CET235 Construct Mgt/Job Cost and Saf	3	OE 200 Open Elective	3
CET236 Global Positioning Sys	3	OE 200 Open Elective	3
CET237 Interpreting Construction Doc	2	OE 200 Open Elective	2

CET238 Tech Project-Civil Engineering	3	OE 200 Open Elective	3
CET239 Building Code Application	2	OE 200 Open Elective	2

**CYBER SECURITY (CFS)**

CFS129 Cryptography	3	CDS100 Cyber Defense Elective	3
CFS136 Princ of Information Security	3	CDS100 Cyber Defense Elective	3
CFS137 Computer Crime and Investigatn	3	CDS100 Cyber Defense Elective	3
CFS140 Biometric Applications	3	CDS100 Cyber Defense Elective	3
CFS175 White Collar Crime	3	CDS100 Cyber Defense Elective	3
CFS176 Online Investigation Resources	3	CDS100 Cyber Defense Elective	3
CFS256 Disastr Rcvry and Incident Pln	3	CDS200 Cyber Defense Elective	3
CFS257 File Systems Analysis	3	CDS200 Cyber Defense Elective	3
CFS258 Cyber Forensics and Data Recrvy	3	CDS200 Cyber Defense Elective	3
CFS275 Ethical Hacking	3	CDS200 Cyber Defense Elective	3
CFS280 Digital Media Forensics	3	CDS200 Cyber Defense Elective	3
CFS281 Adv Digital Media Forensics	3	CDS200 Cyber Defense Elective	3
CFS286 Unix/Linux Forensics	3	CDS200 Cyber Defense Elective	3
CFS287 Network Forensics	3	CDS200 Cyber Defense Elective	3

**CHEMISTRY (CHM)**

CHM101 Intro to Chemistry	4	CHM100 Chemistry Elective	4
CHM121 Gen/Org and Biol Chemistry I	4	CHM100 Chemistry Elective	4
CHM121A Gen, Org and Biol Chemistry IA	2	CHM100 Chemistry Elective	2
CHM121B Gen, Org, and Bio Chemistry IB	2	CHM100 Chemistry Elective	2
CHM122 Gen/Org and Biol Chemistry II	4	CHM100 Chemistry Elective	4
CHM141 General Chemistry I	5	CHM131 General Chemistry I + CHM131L	3+1
CHM141A General Chemistry I A	2	CHM100 Chemistry Elective	2
CHM141B General Chemistry I B	3	CHM100 Chemistry Elective	3
CHM142 General Chemistry II	5	CHM132 General Chemistry II + CHM132L	3+1
CHM241 Organic Chemistry I	5	CHM245 General Organic and Biological Chemistry	5
CHM242 Organic Chemistry II	5	CHM200 Chemistry Elective	5
CHM243 Biochemistry I	3	CHM200 Chemistry Elective	3
CHM244 Biochemistry II	3	CHM200 Chemistry Elective	3

**CHINESE (CHN)**

CHN100 Elementary Chinese I	4	OE 100 Open Elective	4
CHN200 Elementary Chinese II	4	OE 100 Open Elective	4

**COMPUTER INFORMATION SYSTEMS (CIS)**

CIS121 Help Desk and Comp Sup Concept	3	CIS100 Computer Information Systems Elective	3
CIS124 ITIL Foundations	3	CIS100 Computer Information Systems Elective	3
CIS125 Data Analysis and Decision Mak	3	CIS100 Computer Information Systems Elective	3
CIS126 Fundamentals of Info Systems	3	CIS111 Information Systems & Applications	3
CIS221 Generating Rpts Decsn Making	3	CIS200 Computer Information Systems Elective	3
CIS222 Data Acquisition and Anlysis	3	CIS200 Computer Information Systems Elective	3
CIS223 IT Project Management	3	CIS200 Computer Information Systems Elective	3



**CRIMINAL JUSTICE (CJS)**

CJS120 Intro to Law Enforcement	3	JUS110 Intro to Criminal Justice	3
CJS121 Intro to Criminal Justice	3	JUS110 Intro to Criminal Justice	3
CJS122 Criminal Law and Procedures	3	JUS201 Criminal Law	3
CJS123 Firearm Techniques	3	JUS100 Criminal Justice Elective	3
CJS124 Policing	3	ENF150 Police and Society	3
CJS125 Report Writing	1	OE 100 Open Elective	1
CJS126 Defensive Driving	2	JUS100 Criminal Justice Elective	2
CJS127 Self Defense I	3	JUS100 Criminal Justice Elective	3
CJS128 Human Relations I	3	JUS100 Criminal Justice Elective	3
CJS129 Corrections	3	COR120 Correctional Thought and Practice	3
CJS140 Law Enforcement Academy I	8	JUS110 Intro to CJ,JUS201 Criminal Law,OE 100	8
CJS221 Criminology	3	ENF293 Criminology	3
CJS222 Criminal Law in the US	3	JUS201 Criminal Law	3
CJS223 Criminal Procedure	3	JUS202 Criminal Procedures	3
CJS227 Criminal Justice Pract and Sem	3	JUS200 Criminal Justice Elective	3
CJS230 Patrol Administration	3	ENF150 Police and Safety	3
CJS231 Traffic Enforcement	3	JUS200 Criminal Justice Elective	3
CJS232 Civ Disorders and Homeland Sec	2	ENF154 Homeland Security Overview	2
CJS233 Standard First Aid	1	OE 200 Open Elective	1
CJS234 Criminal Investigation	3	ENF239 Applied Crim Investigation&Criminalistics	3
CJS235 Self Defense II	3	JUS200 Criminal Justice Elective	3
CJS236 Human Relations II	3	JUS200 Criminal Justice Elective	3
CJS240 Law Enforcement Academy II	8	ENF150, ENF329, OE 200	8

**COMMUNICATIONS (COM)**

COM121 Effective Speaking	3	COM130 Oral Communication and Presentation	3
COM122 Interpersonal Communication	3	COM100 Communication Elective	3
COM123 Small Group Communication	3	COM100 Communication Elective	3
COM125 Intro to Communication Theory	3	COM100 Communication Elective	3
COM126 Intro to Mass Comm	3	COM241 Intro to Mass Communication	3
COM127 Health Communication	3	COM100 Communication Elective	3
COM223 Interviewing I	3	COM200 Communication Elective	3
COM225 Sex, Gender, and Culture	3	COM200 Communication Elective	3
COM226 Organizational Communication	3	COM200 Communication Elective	3
COM227 Intercultural Communication	3	COM200 Communication Elective	3
COM228 Nonverbal Communication	3	COM200 Communication Elective	3
COM229 Persuasion	3	COM200 Communication Elective	3
COM230 Argumentation	3	COM320 Argument/Persuasion Theory and Practice	3

**COMPUTER PROGRAMMING/DATA (CPD)**

CPD121 Data Modeling and Database Dsgn	3	CIS100 Computer Information Systems Elective	3
CPD122 Oracle Dtbse: Intro to SQL	3	CIS100 Computer Information Systems Elective	3
CPD221 Oracle Database:PL/SQL PR	3	CIS200 Computer Information Systems Elective	3
CPD222 Mrcsft Sql Server Dtbse	3	CIS200 Computer Information Systems Elective	3
CPD223 Oracle Dtbse: Arch and Adm	3	CIS200 Computer Information Systems Elective	3
CPD224 Adv Microsoft Sql Srvr Dtbse	3	CIS200 Computer Information Systems Elective	3

CPD225 Data Mining and Data Warhousing	3	CIS200 Computer Information Systems Elective	3
<b>CUMPUTER (CSE)</b>			
CSE121 Mobile Develop Architecture	3	CIS100 Computer Information Systems Elective	3
CSE122 Programming Logic & Prob Solv	3	CIS100 Computer Information Systems Elective	3
CSE122A Programmng Logic & Prob Solv A	1.5	CIS100 Computer Information Systems Elective	1.5
CSE122B Programming Logic & Prob Solv B	1.5	CIS100 Computer Information Systems Elective	1.5
CSE221 Android Development I	3	CIS200 Computer Information Systems Elective	3
CSE222 IOS Development I	3	CIS200 Computer Information Systems Elective	3
CSE223 IOS Development 2	3	CIS200 Computer Information Systems Elective	3
CSE224 Android Development 2	3	CIS200 Computer Information Systems Elective	3
CSE225 Cross-Platform Mob App Dev	3	CIS200 Computer Information Systems Elective	3
CSE226 Sftwre Eng For Hand-Held Devic	3	CIS200 Computer Information Systems Elective	3
CSE227 Windows Programming With C#	3	CIS200 Computer Information Systems Elective	3
CSE228 Assembly Language Prog	3	CIS200 Computer Information Systems Elective	3
CSE229 Visual Basic Development	3	CIS200 Computer Information Systems Elective	3
CSE230 Adv Visual Basic Dev	3	CIS200 Computer Information Systems Elective	3
CSE231 Java Programming	3	CIS200 Computer Information Systems Elective	3
CSE231A Java Programming A	1.5	CIS200 Computer Information Systems Elective	1.5
CSE231B Java Programming B	1.5	CIS200 Computer Information Systems Elective	1.5
CSE232 Advanced Java Programming	3	CIS200 Computer Information Systems Elective	3
CSE233 C++ Programming	3	CIS200 Computer Information Systems Elective	3
CSE233A C++ Programming A	1.5	CIS200 Computer Information Systems Elective	1.5
CSE233B C++ Programming B	1.5	CIS200 Computer Information Systems Elective	1.5
CSE234 Advanced C++ Programming	3	CIS200 Computer Information Systems Elective	3
CSE235 Python Development	3	CIS200 Computer Information Systems Elective	3
CSE236 Anlyzng Sftwre Req and Dev Sol	3	CIS200 Computer Information Systems Elective	3
<b>COMPUTER SCIENCE TECHNOLOGY (CST)</b>			
CST120 Computational Science Methods	3	ITS100 Information Technology Elective	3
CST121 Modeling and Simulation	3	ITS100 Information Technology Elective	3
CST221 Computational Biology	4	ITS200 Information Technology Elective	4
<b>CULINARY ARTS (CUL)</b>			
CUL119 Culinary ServSafe	1	OE 100 Open Elective	1
CUL120 Sanitation and Safety	2	OE 100 Open Elective	2
CUL122 Food Fundamentals	3	OE 100 Open Elective	3
CUL123 Fundamental Cooking-Prep I	3	OE 100 Open Elective	3
CUL124 Meat & Fish-Prep II	3	OE 100 Open Elective	3
CUL125 Menu Planning	3	OE 100 Open Elective	3
CUL126 Food Purchasing-Inventory Cont	3	OE 100 Open Elective	3
CUL221 Bakery & Pastry-Prep III	3	OE 200 Open Elective	3
CUL222 Advanced Cookery-Prep IV	3	OE 200 Open Elective	3
CUL223 Catering & Buffet/Event Mgt	3	OE 200 Open Elective	3
CUL224 Beverage Management & Service	3	OE 200 Open Elective	3
CUL230 Culinary Practicum	5	OE 200 Open Elective	5

**DENTAL ASSISTING (DAS)**

DAS121 Dental Assisting Tech I	3	OE 100 Open Elective	3
DAS122 Dental Assisting Radiography	2	OE 100 Open Elective	2
DAS123 Dental Assisting Tech II	3	OE 100 Open Elective	3
DAS124 Dental Assisting Materials	2	OE 100 Open Elective	2
DAS125 Dental Assisting Specialty	3	OE 100 Open Elective	3
DAS128 Intro to Dental Term and Anat	2	OE 100 Open Elective	2
DAS226 Expanded Dental Assisting I	1	OE 200 Open Elective	1
DAS227 Expanded Dental Assisting II	2	OE 200 Open Elective	2
DAS228 Directed Clinical Practice	4	OE 200 Open Elective	4

**DESIGN ENGINEERING TECHNOLOGY (DET)**

DET121 Engineering Drawing	3	OE 100 Open Elective	3
DET122 Descriptive Geometry	3	OE 100 Open Elective	3
DET124 Working Drawings	3	OE 100 Open Elective	3
DET125 Basic AutoCAD	3	OE 100 Open Elective	3
DET126 Customizing AutoCAD	3	OE 100 Open Elective	3
DET131 Pro/Engineer	3	OE 100 Open Elective	3
DET223 Kinematics	3	OE 200 Open Elective	3
DET226 Geometric Dim and Tol	2	OE 200 Open Elective	2
DET230 Advanced AutoCAD (Inventor)	3	OE 200 Open Elective	3
DET231 Tool Design	3	OE 200 Open Elective	3

**DENTAL HYGIENE (DHY)**

DHY121 Head/Neck and Oral Anatomy	2	OE 100 Open Elective	2
DHY122 Oral Hist and Embryology	1	OE 100 Open Elective	1
DHY123 Dental Radiography	3	OE 100 Open Elective	3
DHY124 Periodontics I	2	OE 100 Open Elective	2
DHY125 Dental Materials	3	OE 100 Open Elective	3
DHY126 Pathology	2	OE 100 Open Elective	2
DHY127 Community Oral Hlth-Reseach	1	OE 100 Open Elective	1
DHY131 Fund Dental Hygiene Prac	4	OE 100 Open Elective	4
DHY132 Dental Hygiene Theory I	2	OE 100 Open Elective	2
DHY133 Clinical Dental Hyg I	2	OE 100 Open Elective	2
DHY134 Clinical Dental Hyg IA	1	OE 100 Open Elective	1
DHY221 Nutrition in Dentistry	1	OE 200 Open Elective	1
DHY222 Dental Pharmacology	2	OE 200 Open Elective	2
DHY223 Community Oral Health II	1	OE 200 Open Elective	1
DHY224 Periodontics II	1	OE 200 Open Elective	1
DHY225 Anesthesia and Pain Control	2	OE 200 Open Elective	2
DHY231 Dental Hygiene Theory II	1	OE 200 Open Elective	1
DHY232 Clinical Dental Hyg II	4	OE 200 Open Elective	4
DHY233 Dental Hygiene Theo III	2	OE 200 Open Elective	2
DHY234 Clinical Dental Hyg III	5	OE 200 Open Elective	5

**DIETARY PROGRAM (DMA)**

DMA121 Servsafe	1	OE 100 Open Elective	1
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DMA122 Servsafe Experience	1	OE 100 Open Elective	1
DMA123 Nutrition Med Nutrition Ther	3	OE 100 Open Elective	3
DMA124 Nutrition Med Nutr Ther Exp	3	OE 100 Open Elective	3
DMA125 MFS Oper for Dietary Mgrs	3	OE 100 Open Elective	3
DMA126 MFS For Dietary MGRS Exp	3	OE 100 Open Elective	3
DMA127 Dietary Operations Delivery	3	OE 100 Open Elective	3
DMA128 Dietary Operations Del Ex	3	OE 100 Open Elective	3

### ***PHOTOGRAPHY (DPH)***

DPH280 Photography Portfolio	3	OE 200 Open Elective	3
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### ***DIETARY TECHNICIAN (DTR)***

DTR121 Food Science Principles	3	OE 100 Open Elective	3
DTR122 Life Cycle Nutrition	3	OE 100 Open Elective	3
DTR123 Applied Nutrition	2	OE 100 Open Elective	2
DTR221 Medical Nutrition Therapy	3	OE 200 Open Elective	3
DTR223 Nutrition/Mnt Directed Practic	2	OE 200 Open Elective	2
DTR224 Cultural Nutrition	2	OE 200 Open Elective	2
DTR225 Community Nutrition	3	OE 200 Open Elective	3
DTR226 Comm Nutrition Dir Practice	2	OE 200 Open Elective	2
DTR227 Foodservice Operations I	3	OE 200 Open Elective	3
DTR228 Dietary Systems	3	OE 200 Open Elective	3
DTR229 Professional Dietetics	1	OE 200 Open Elective	1
DTR230 Foodservice Operations II	3	OE 200 Open Elective	3
DTR231 Foodservice Directed Practice	2	OE 200 Open Elective	2

### ***COMPUTER TECHNOLOGY (ECA)***

ECA130 Software Vulnerabilities	3	CIT100 Computer Information Technology Elective	3
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### ***ECOLOGY (ECO)***

ECO241 Ecology	4	NAT200 Natural Science Elective	4
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### ***EDUCATION COURSES (EDU)***

EDU122 Curriculum Design and Ins	3	OE 100 Open Elective	3
EDU123 Health and Nutrition	3	OE 100 Open Elective	3
EDU124 Infant Toddler Curriculum	2	OE 100 Open Elective	2
EDU125 Chldrn W Physical Exceptions	3	OE 100 Open Elective	3
EDU126 Educational Technology	3	EDU102 Education Elective	3
EDU127 Infant and Toddler Group Care	3	OE 100 Open Elective	3
EDU128 Respve Infant and Toddler Env	3	OE 100 Open Elective	3
EDU129 Relshp Dev for Infants/Tod	3	OE 100 Open Elective	3
EDU130 Intro to the Teaching Professn	3	EDU100 Foundations of Education	3
EDU131 Intro to Child Development	3	OE 100 Open Elective	3
EDU132 Observ, Assess, Group Mgt	3	OE 100 Open Elective	3
EDU221 Language Arts	3	OE 200 Open Elective	3
EDU223 Community & Fam Based Pr	3	OE 200 Open Elective	3
EDU224 Early Childhood Prog Adm	3	OE 200 Open Elective	3

EDU225 the Exceptional Child	3	OE 200 Open Elective	3
EDU227 Early Chld Ed Tech Practicum	3	OE 200 Open Elective	3
EDU228 Phonics for Young Children	3	OE 200 Open Elective	3
EDU229 Educational Psychology	3	EDU250 Education Psychology	3
EDU230 Childn W Socioemotional Except	3	OE 200 Open Elective	3
EDU231 Early Chldhd Educ Adm Prac Sem	3	OE 200 Open Elective	3

***ELECTRONIC/ELECTRICAL (EET)***

EET120 DC Circuit Analysis	4	OE 100 Open Elective	4
EET122 AC Circuit Analysis	4	OE 100 Open Elective	4
EET123 Electronic Devices and Circuits	4	OE 100 Open Elective	4
EET125 Circuits Manufac Techniques	1	OE 100 Open Elective	1
EET126 Electrical Machines	4	OE 100 Open Elective	4
EET128 Nec and Electrical Sys Des	2	OE 100 Open Elective	2
EET129 Optics	2	OE 100 Open Elective	2
EET142 Lght Des, App and Elecl Elem I	2	OE 100 Open Elective	2
EET143 Lght Des, App and Elec Elem II	3	OE 100 Open Elective	3
EET225 Digital Comm and Sys Analy	3	OE 200 Open Elective	3
EET226 Transmission and Distribution	3	OE 200 Open Elective	3
EET227 Plcs and Industrial Controls I	3	OE 200 Open Elective	3
EET228 Plcs and Industrial Controls II	3	OE 200 Open Elective	3
EET230 Electronic Circuits I	4	OE 200 Open Elective	4
EET231 Electronic Circuits II	3	OE 200 Open Elective	3
EET232 Industrial Electronics	4	OE 200 Open Elective	4
EET233 Tech Project Electrical	1	OE 200 Open Elective	1
EET235 Tech Project Electronic	1	OE 200 Open Elective	1
EET244 Elecc Telecommunications	3	OE 200 Open Elective	3
EET245 Tech Proj-Elecc Telecom	3	OE 200 Open Elective	3
EET246 Tech Proj-Comp Netwkg	3	OE 200 Open Elective	3
EET248 Workstation Interfacing	4	OE 200 Open Elective	4
EET260 Computer Forensics	3	OE 200 Open Elective	3
EET261 Advcd Netwkg and Security TPC	3	OE 200 Open Elective	3
EET262 Pulse and Digitl Integrated Cir	4	OE 200 Open Elective	4
EET263 Industrial Sensors/Adv Applcs	2	OE 200 Open Elective	2

***EMERGENCY MEDICAL SERVICE (EMS)***

EMS121 Emergency Medical Technician	7	OE 100 Open Elective	7
EMS122 Paramedic I/Seminar	9	OE 100 Open Elective	9
EMS123 Emergency Medical Responder	3	OE 100 Open Elective	3
EMS124 Paramedic I Clinical	2	OE 100 Open Elective	2
EMS221 Paramedic II/Seminar	9	OE 200 Open Elective	9
EMS222 Paramedic III/Seminar	4	OE 200 Open Elective	4
EMS223 Paramedic II Clinical	2	OE 200 Open Elective	2
EMS224 Paramedic IV	4	OE 200 Open Elective	4

***ENGLISH (ENG)***

ENG010 Introduction to Acad Writing	5	No Credit	*
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ENG011 Academic Writing	1	No Credit	*
ENG124 College Composition	3	ENG141 Rhetoric & Intro Research Writing	3
ENG124 Technical Editing and Layout	3	OE 100 Open Elective	3
ENG126 Technical Grammar and Style	3	OE 100 Open Elective	3
ENG221 Technical Report Writing	3	ENG245 Technical Writing	3
ENG222 Health Information Writing	3	ENG200 English Elective	3
ENG227 Writing for Media	3	COM218 News Writing	3
ENG228 Writing for the Web	3	ENG200 English Elective	3
ENG229 Grant Writing	3	ENG200 English Elective	3
ENG230 Business Communication	3	COM200 Communication Elective	3
ENG231 College Composition II	3	ENG142 Writing, Research and Literature	3
ENG232 Scriptwriting	3	ENG200 English Elective	3
ENG233 British Literature: MED to 1785	3	ENG291 British Literature I	3
ENG234 British Lit: 1785 to Present	3	ENG292 British Literature II	3
ENG235 Intro to Shakespeare	3	ENG380 Shakespeare	3
ENG236 American Lit: Colonial to 1865	3	ENG293 American Literature I	3
ENG237 American Lit: 1865 to Present	3	ENG294 American Literature II	3
ENG238 Intro to Creative Writing	3	ENG251 Creative Writing Workshop I	3
ENG239 Film Appreciation	3	ENG200 English Elective	3
ENG240 Women's Literature	3	ENG200 English Elective	3
ENG241 Major Modern Writers	3	ENG200 English Elective	3
ENG250 Techncl Communicatns Internship	3	ENG200 English Elective	3

### ***ENTREPRENEURIAL (ENT)***

ENT120 Entrepreneurship	3	MGT100 Management Elective	3
ENT124 Managng Entrepreneurial Growth	3	MGT100 Management Elective	3
ENT223 Entrepreneurship Practicum	5	MGT200 Management Elective	5
ENT225 Global Entrepreneurship	3	MGT200 Management Elective	3

### ***ENVIRONMENTAL TECHNOLOGY (ENV)***

ENV121 Regulations and Compliance	3	OE 100 Open Elective	3
ENV123 OSHA 10-Hr Gen Ind Safety	1	OE 100 Open Elective	1
ENV124 Transp Hazard Mtl Trng	1	OE 100 Open Elective	1
ENV125 Intr Hazrds Mtrls and Wste Mgt	1	OE 100 Open Elective	1
ENV126 Hazwoper-Moderate Risk	2	OE 100 Open Elective	2
ENV127 Water Certification Exam Prep 2	2	OE 100 Open Elective	2
ENV128 Wastewater Certifctn Exam Pre	2	OE 100 Open Elective	2
ENV129 Water/Wastewater-Permits & Admin	1	OE 100 Open Elective	1
ENV130 Water/Wastewater-Pumps, Maint	3	OE 100 Open Elective	3
ENV131 Wastewater Treatment I	4	OE 100 Open Elective	4
ENV132 Wastewater Treatment II	4	OE 100 Open Elective	4
ENV133 Wastewater Treatment-Industrl	4	OE 100 Open Elective	4
ENV134 Wastewater Collection Systems	4	OE 100 Open Elective	4
ENV135 Wastewater Analysis	3	OE 100 Open Elective	3
ENV136 Water Treatment I	4	OE 100 Open Elective	4
ENV137 Water Treatment II	4	OE 100 Open Elective	4
ENV138 Water Distribution Systems	4	OE 100 Open Elective	4

ENV139 Water Analysis	3	OE 100 Open Elective	3
ENV140 Basic Water Trtmt-Coag/Floc	1	OE 100 Open Elective	1
ENV141 Basic Water Trmt-Disinfectn	1	OE 100 Open Elective	1
ENV142 Basic Water Trtm-Filtration	1	OE 100 Open Elective	1
ENV143 Basic Water Trmt-Fluoridation	1	OE 100 Open Elective	1
ENV144 Basic Water Trmt-Iron & Mang	1	OE 100 Open Elective	1
ENV145 Basic Water Treatment-Quality	1	OE 100 Open Elective	1
ENV146 Basic Water Trtment-Sedimntation	1	OE 100 Open Elective	1
ENV147 Basic Water Treatment-Water Sourc	1	OE 100 Open Elective	1
ENV148 Water Distrtn Sys-Distrib Fac	1	OE 100 Open Elective	1
ENV149 Water Distribtn Sys-Storage Sys	1	OE 100 Open Elective	1
ENV150 Water Distribtn Sys-Sys Disinfectn	1	OE 100 Open Elective	1
ENV151 Water Distribtn Sys-System O M	1	OE 100 Open Elective	1
ENV152 Water Distribution Sys-Sys Safety	1	OE 100 Open Elective	1
ENV153 Water Distribtn Sys-Valves, Main Me	1	OE 100 Open Elective	1
ENV154 Water Distribtn Sys-Water Mains	1	OE 100 Open Elective	1
ENV155 Water Distribtn Sys-Water Qualt	1	OE 100 Open Elective	1
ENV156 Wastewater Trtmt-Disinf Chlorn	1	OE 100 Open Elective	1
ENV157 Wastewater Trtmt-Fixed Film Pr	1	OE 100 Open Elective	1
ENV158 Wastewater Trtmt-Plutn Contrl	1	OE 100 Open Elective	1
ENV159 Wastewater Trtmnt-Pond Systms	1	OE 100 Open Elective	1
ENV160 Wastewater Trtmt-Prelimy Trtmt	1	OE 100 Open Elective	1
ENV161 Wastewater Trtmt-Primary Trtmt	1	OE 100 Open Elective	1
ENV162 Wastewater Trtmt-Susp Grth Sys	1	OE 100 Open Elective	1
ENV163 Water/Wastewater Math Chem		OE 100 Open Elective	
ENV164 Sustainable Gr Bld Tech	3	OE 100 Open Elective	3
ENV165 OSHA 10 Hr Construction Safety	1	OE 100 Open Elective	1
ENV166 Lead Safe Renovator	1	OE 100 Open Elective	1
ENV169 Radiation Safety	2	OE 100 Open Elective	2
ENV221 OSHA-40 HR- Hazwoper	2	OE 200 Open Elective	2
ENV222 Indust Proces & Polution Cntrl	3	OE 200 Open Elective	3
ENV223 Basic Geology/Hydrology	3	OE 200 Open Elective	3
ENV224 Air Sampling-ANA & Contr	3	OE 200 Open Elective	3
ENV225 Solid and Haz Waste Smpg	3	OE 200 Open Elective	3
ENV226 Water Sampling,Anal,Cont	3	OE 200 Open Elective	3
ENV228 Health and Safety	3	OE 200 Open Elective	3
ENV230 OSHA 8-Hr Hazwoper Refresher	1	OE 200 Open Elective	1
ENV231 OSHA 30 Hour General Industry	2	OE 200 Open Elective	2
ENV232 Asbestos Abatement Wkr Intial	2	OE 200 Open Elective	2
ENV234 Asbestos Abatement Wkr Refrsh	1	OE 200 Open Elective	1
ENV236 Env Hlth and Safty Spec Prjct	3	OE 200 Open Elective	3
<b><i>ELECTRICAL SERVICE TECHNOLOGY (EST)</i></b>			
EST129 Switchgear, Trans, Controls	2	OE 100 Open Elective	2
EST132 Fundamental of Electricity	4	OE 100 Open Elective	4
EST133 Digital Logic Fundamentals	4	OE 100 Open Elective	4
EST134 Programmable Controller Fndmtl	4	OE 100 Open Elective	4

EST221 Electronic Tblshooting	3	OE 200 Open Elective	3
EST222 Industrial Networks	3	OE 200 Open Elective	3

**ENGINEERING TECHNOLOGY (ETD)**

ETD201 Eng Independent Study	1	OE 200 Open Elective	1
ETD202 Eng Indep Study	2	OE 200 Open Elective	2
ETD203 Eng Independent Study	3	OE 200 Open Elective	3
ETD204 Eng Independent Study	4	OE 200 Open Elective	4
ETD222 Engineering Co-Op	2	OE 200 Open Elective	2
ETD223 Engineering Co-Op	3	OE 200 Open Elective	3
ETD224 Engineering Co-Op	4	OE 200 Open Elective	4
ETD225 Special Topics	1	OE 200 Open Elective	1
ETD226 Special Topics	2	OE 200 Open Elective	2
ETD227 Special Topics	3	OE 200 Open Elective	3
ETD228 Special Topics	4	OE 200 Open Elective	4
ETD229 Special Topics	5	OE 200 Open Elective	5

**ELECTRICAL UTILITY TECHNOLOGY (EUT)**

EUT121 Overhead Line Technology I	6	OE 100 Open Elective	6
EUT122 Overhead Line Technology II	6	OE 100 Open Elective	6
EUT123 Substation Technology I	6	OE 100 Open Elective	6
EUT124 Substation Technology II	6	OE 100 Open Elective	6
EUT221 Overhead Line Technology III	6	OE 200 Open Elective	6
EUT222 Overhead Line Technology IV	7	OE 200 Open Elective	7
EUT224 Substation Technology III	6	OE 200 Open Elective	6
EUT225 Substation Technology IV	7	OE 200 Open Elective	7

**FASHION MDSNG (FAS)**

FAS121 Fund of the Fashion Industry	3	OE 100 Open Elective	3
FAS122 History of Fashion	3	OE 100 Open Elective	3
FAS123 Visual Merchandising	3	OE 100 Open Elective	3
FAS221 Intro to Textiles	3	OE 200 Open Elective	3

**FINANCE (FIN)**

FIN123 Fund Financial Services	4	FIN101 Personal Finance	4
FIN220 Business Finance	4	FIN301 Business Finance	4
FIN221 Investment and Securities	4	FIN200 Finance Elective	4
FIN224 Risk Management	4	FIN314 Risk Management and Insurance	4
FIN227 Money and Banking	3	ECO420 Money and Banking	3

**EMERGNECY FIRE SERVICE (FST)**

FST128 Volunteer Firefighter	1	OE 100 Open Elective	1
FST129 Firefighter 1	6	OE 100 Open Elective	6
FST224 LGL Aspects of Fire Serv	2	OE 200 Open Elective	2
FST228 Firefighter 1 & 2	11	OE 200 Open Elective	11
FST229 Firefighter Transition	5	OE 200 Open Elective	5
FST230 Firefighter 2	5	OE 200 Open Elective	5



**GEOLOGY (GEO)**

GEO141 Physical Geology	4	NAT100 Natural Science Elective	4
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**GERONTOLOGY (GER)**

GER121 Intro to Gerontology	3	OE 100 Open Elective	3
GER122 Psychosocial Aspect of Aging	3	OE 100 Open Elective	3

**GEOGRAPHIC INFORMATION SYSTEMS (GIS)**

GIS123 Maps and Map Reading	3	OE 100 Open Elective	3
GIS231 Geographic Information Systems	3	OE 200 Open Elective	3
GIS232 Remote Sens & Dig Image Proc	3	OE 200 Open Elective	3
GIS233 Adv Tools in Geospat Tech	3	OE 200 Open Elective	3
GIS234 Geospatial Tech in Industry	3	OE 200 Open Elective	3

**HISTORY (HIS)**

HIS121 US History I-To 1877	3	HIS111 American Society to 1865	3
HIS122 US History II From 1877	3	HIS112 American Society since 1865	3
HIS221 World Civ to 17th Century	3	HIS200 History Elective	3
HIS222 World Civ from 17th Century	3	HIS200 History Elective	3

**HEALTH INFORMATION MANAGEMENT TECHNOLOGY (HIT)**

HIT121 Htlh Data Mgt and Delivry Sysm	4	MGT140 Survey of Healthcare Org and Terminology	4
HIT122 Alternative Hlth Recs and Regst	3	OE 100 Open Elective	3
HIT123 Hlthcre Legal and Ethical Iss	2	LAW115 Survey of Healthcare Law in the US	2
HIT124 Clinical Classifications Sys I	4	OE 100 Open Elective	4
HIT221 Clinical Classificatns Sys II	3	OE 200 Open Elective	3
HIT222 Hlthcre Statistics and Research	3	OE 200 Open Elective	3
HIT223 HIM Supervsn: Concepts and Pract	3	OE 200 Open Elective	3
HIT224 Quality Mgt in Healthcare	2	OE 200 Open Elective	2
HIT226 Professional Pr I/Sem I	3	OE 200 Open Elective	3
HIT227 Professional Pr II/Sem II	3	OE 200 Open Elective	3
HIT228 Health and Safety	3	OE 200 Open Elective	3
HIT229 Hlth Info Systems and Tech	3	OE 200 Open Elective	3
HIT230 Hlth Care Delivery in the US	2	OE 200 Open Elective	2
HIT231 Virtual Prof Prac Lab	1	OE 200 Open Elective	1
HIT232 Hlthcre Reimbursement Methodol	2	OE 200 Open Elective	2
HIT233 Clinical Classification Sys III	2	OE 200 Open Elective	2

**HOMELAND SECURITY (HLS)**

HLS121 Intro to Emergency Mgt	3	ENF245 Emergency Organization and Management	3
HLS122 Intelligence and Homeland Sec	3	ENF154 Homeland Security Overview	3
HLS123 Homeld Def and Crisis Mgt	3	ENF100 Law Enforcement Elective	3
HLS220 Weapons of Mass Destructn Awar	3	ENF200 Law Enforcement Elective	3
HLS221 Terrorism and Homeland Defense	3	JUS215 Homeland Security & the Legal System	3
HLS225 Intelligence Analysis	3	ENF200 Law Enforcement Elective	3

**HEALTH TECHNOLOGY (HTD)**

HTD201 Hlth Indep Study	1	OE 200 Open Elective	1
HTD202 Hlth Indep Study	2	OE 200 Open Elective	2
HTD203 Hlth Indep Study	3	OE 200 Open Elective	3
HTD204 Hlth Indep Study	4	OE 200 Open Elective	4

**GENEARL HEALTH (HTH)**

HTH121 Intro to Health Careers	1	OE 100 Open Elective	1
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**HEATING/VENTING/AC (HVC)**

HVC121 HVAC Principles I	3	OE 100 Open Elective	3
HVC122 HVAC Principles II	3	OE 100 Open Elective	3
HVC123 Sheet Metal Layout I	3	OE 100 Open Elective	3
HVC124 Mobile Cab Climate Cntl Sys/Ap	2	OE 100 Open Elective	2
HVC221 HVAC Furnace Combustion Princ	2	OE 200 Open Elective	2
HVC222 HVAC Design & Application	3	OE 200 Open Elective	3
HVC223 HVAC Oper and TRBLSHT-HT	3	OE 200 Open Elective	3
HVC224 HVAC Sys Op and Trblst-Cooling	3	OE 200 Open Elective	3
HVC226 Sheet Metal Layout II	3	OE 200 Open Elective	3
HVC227 HVAC Field Install Tech Proc	4	OE 200 Open Elective	4
HVC228 HVAC Sys Airflow Duct Sizing	1	OE 200 Open Elective	1
HVC229 Air Conditning Refrig Cycle	1	OE 200 Open Elective	1
HVC230 HVAC Residential Equip Sizing	1	OE 200 Open Elective	1
HVC231 HVAC Motors and Compressors	1	OE 200 Open Elective	1
HVC232 Advanced HVAC App Controls	3	OE 200 Open Elective	3
HVC233 HVAC Bid Specification	3	OE 200 Open Elective	3
HVC234 HVAC Electrical Sys & Applic	3	OE 200 Open Elective	3
HVC235 Refrigeration	3	OE 200 Open Elective	3
HVC236 Adv HVAC Electrical Applic	3	OE 200 Open Elective	3
HVC237 HVAC Commercial Controls	3	OE 200 Open Elective	3
HVC238 Chiller Operations	3	OE 200 Open Elective	3

**INTERDISC STUDIES (IDS)**

IDS101 Technical Comprehension	4	OE 100 Open Elective	4
IDS102 Critical Analysis	4	OE 100 Open Elective	4
IDS115 College Success Skills	3	OE 100 Open Elective	3

**INDUSTRIAL ENG TECH (IET)**

IET121 Industrial Management Concepts	2	OE 100 Open Elective	2
IET223 Computer Numerical Ctrl	4	OE 200 Open Elective	4
IET270 Dim Metrology and Inspect I	3	OE 200 Open Elective	3

**INTERACTIVE MEDIA (IMT)**

IMT121 Interactive Media	3	OE 100 Open Elective	3
IMT122 Graphic Arts Design	3	OE 100 Open Elective	3
IMT122A Graphic Arts Design A	1.5	OE 100 Open Elective	1.5
IMT122B Graphic Arts Design B	1.5	OE 100 Open Elective	1.5

IMT125 3D Graphics Modeling	3	OE 100 Open Elective	3
IMT129 Digital Audio Recg and Editing	3	OE 100 Open Elective	3
IMT131 Color Theory and Design	3	OE 100 Open Elective	3
IMT132 Digtl Photography/Graphic & Media	3	COM134 Digital Photography	3
IMT134 Technical Musicianship	3	MUP100 Music- Professional Elective	3
IMT135 Music Theory and Composition I	3	MUP121 Musicianship	3
IMT136 Principles of Animation	3	OE 100 Open Elective	3
IMT137 Drawing Basics	3	OE 100 Open Elective	3
IMT223 Digital Video Recording & Edit	3	OE 100 Open Elective	3
IMT227 3D Graphics Animation	3	OE 100 Open Elective	3
IMT230 Webcasting and Music Publishing	3	MUS200 Music Elective	3
IMT237 Compositing	3	OE 200 Open Elective	3
IMT238 Advanced Video Production	3	COM200 Communication Elective	3
IMT239 Music Synthesis I	3	MUS200 Music Elective	3
IMT240 Advanced 3D Graphic Modeling	3	OE 200 Open Elective	3
IMT242 Lighting and Cinematography	3	OE 200 Open Elective	3
IMT243 Advanced Compositing	3	OE 200 Open Elective	3
IMT244 Digital Page Layout and Design	3	OE 200 Open Elective	3
IMT245 Graphic Arts Design II	3	OE 200 Open Elective	3
IMT246 Applied Music Technology	3	MUS230 Intro to Sound and Recording Technology	3
IMT247 Music Theory Composition II	3	MUS200 Music Elective	3
IMT249 Textures for 2D and 3D	3	OE 200 Open Elective	3
IMT250 Music Technology	3	MUS200 Music Elective	3
IMT251 Authoring and Video Compresson	3	OE 200 Open Elective	3
IMT253 Graphic For Illustration	3	OE 200 Open Elective	3
IMT254 Portfolio Development-IMT	3	OE 200 Open Elective	3
IMT255 Advanced Illustration	3	OE 200 Open Elective	3
IMT256 Digital Imaging	3	OE 200 Open Elective	3
IMT259 Music Synthesis II	3	MUS200 Music Elective	3
IMT260 Live Sound	3	MUS200 Music Elective	3
IMT261 Advanced Music Technology	3	MUS200 Music Elective	3
IMT262 Advanced Digital Photography	3	OE 200 Open Elective	3
IMT263 Photographic Lighting	3	OE 200 Open Elective	3
IMT264 Image Management	3	OE 200 Open Elective	3
IMT265 Motion Graphics Portfolio	3	OE 200 Open Elective	3
IMT266 Film Theory and Practice	3	OE 200 Open Elective	3
IMT268 Advanced Video Editing	3	COM200 Communication Elective	3

**INFORMATION REPORTING (IRT)**

IRT121 Realtime Theory I	4	OE 100 Open Elective	4
IRT122 Realtime Theory II	4	OE 100 Open Elective	4
IRT123 Speedbuilding III	4	OE 100 Open Elective	4
IRT129 Speed Building I	4	OE 100 Open Elective	4
IRT130 Speed Building II	4	OE 100 Open Elective	4
IRT131 Legal Terminology	3	OE 100 Open Elective	3
IRT133 Theory for Scopists	3	OE 100 Open Elective	3
IRT229 Realtime Software Applications	3	OE 200 Open Elective	3

IRT230 Basic Broadcast Captioning	3	OE 200 Open Elective	3
IRT231 Judicial Procedures	3	OE 200 Open Elective	3
IRT232 Judicial Rpt & Capt Internship	2	OE 200 Open Elective	2
IRT233 Trans & Editing for Scopists	3	OE 200 Open Elective	3
IRT235 Advanced Broadcast Captioning	3	OE 200 Open Elective	3
IRT240 Short Writing Techniques	3	OE 200 Open Elective	3

***INFORMATION TECHNOLOGY (ITD)***

ITD100 Computer App-Wind & Concepts	1	OE 100 Open Elective	1
ITD102 Computer Applications-Word	1	OE 100 Open Elective	1
ITD104 Computer Applications- PPT	1	OE 100 Open Elective	1
ITD105 Computer Applications-Excel	1	OE 100 Open Elective	1
ITD106 Computer Applications- Access	1	OE 100 Open Elective	1
ITD108 Microsoft Outlook	1	OE 100 Open Elective	1
ITD122 Computer App for Professnl	3	CIS111 Information Systems & Applications	3
ITD123 MAC Concepts	1	OE 100 Open Elective	1

***MASSAGE THERAPY (MAS)***

MAS121 Massage Therapy I	4	OE 100 Open Elective	4
MAS122 Massage Therapy II	2	OE 100 Open Elective	2
MAS123 Massage Therapy A & P I	1	OE 100 Open Elective	1
MAS124 Massage Therapy A & P II	2	OE 100 Open Elective	2
MAS223 Massage Therapy Review	3	OE 200 Open Elective	3
MAS224 Massage Therapy III	2	OE 200 Open Elective	2
MAS225 Massage Therapy IV	2	OE 200 Open Elective	2
MAS226 Massage Therapy V	3	OE 200 Open Elective	3
MAS227 Massage Therapy Procedures	2	OE 200 Open Elective	2
MAS228 Professional Practice & Evaluatn	1	OE 200 Open Elective	1
MAS229 Clinic Operations	2	OE 200 Open Elective	2
MAS230 LTD Branch Massage Therapy Rev	3	OE 200 Open Elective	3
MAS231 Sports Massage	2	OE 200 Open Elective	2

***MEDICAL ASSISTING (MAT)***

MAT121 Medical Assisting I	5	OE 100 Open Elective	5
MAT122 Medical Assisting II	5	OE 100 Open Elective	5
MAT123 Medical Assisting III	2	OE 100 Open Elective	2
MAT124 Medical Law and Ethics	3	OE 100 Open Elective	3
MAT221 Med Lab Proc For Med Asstg	3	OE 200 Open Elective	3
MAT222 Insurance for Medical Assisting	3	OE 200 Open Elective	3
MAT223 Medical Office Procedures	4	OE 200 Open Elective	4
MAT224 Pharmacology/Medications	4	OE 200 Open Elective	4
MAT225 Emergency Medical Procedures	2	OE 200 Open Elective	2
MAT226 Medical Office Management	3	OE 200 Open Elective	3
MAT227 Medical Assisting Practicum	2	OE 200 Open Elective	2
MAT228 Ophthalmology I	3	OE 200 Open Elective	3
MAT229 Ophthalmology II	3	OE 200 Open Elective	3
MAT230 Adv Phlebotomy	3	OE 200 Open Elective	3

MAT231 Reimbursement Fr Hlth Care Ser	3	OE 200 Open Elective	3
MAT233 Medical Assisting Seminar	1	OE 200 Open Elective	1
MAT234 Introduction to Phlebotomy	3	OE 200 Open Elective	3
MAT235 Phlebotomy Tech Practicum	1	OE 200 Open Elective	1

### ***MECHANICAL ENG TECH (MET)***

MET123 Material Science	2	OE 100 Open Elective	2
MET124 Statics/Str of Materials	4	OE 100 Open Elective	4
MET221 Adv Strength of Material	2	OE 200 Open Elective	2
MET222 Fluid Power	4	OE 200 Open Elective	4
MET223 Dynamics	2	OE 200 Open Elective	2
MET225 Manufacturing Processes	3	OE 200 Open Elective	3
MET226 Tech Project-Mechanical	2	OE 200 Open Elective	2
MET227 Thermodynamics & Heat Transfer	3	OE 200 Open Elective	3
MET228 Machine Design	4	OE 200 Open Elective	4
MET229 Alt Energy Sources/Fuel Cells	3	OE 200 Open Elective	3
MET230 Ana/Apps of Fuel Cells	3	OE 200 Open Elective	3
MET231 Fuel Cell Systems	3	OE 200 Open Elective	3
MET232 Fuel Cell Project	3	OE 200 Open Elective	3

### ***BUSINESS MANAGEMENT (MGT)***

MGT121 Principles of Management	3	MGT201 Management of Organizations	3
MGT122 Introduction to Sports Mgt	3	SRM160 Introduction to Sports and Recreation Mgt	3
MGT141 Intro to Casino Management	3	MGT100 Management Elective	3
MGT221 Supervision	3	MGT201 Management of Organizations	3
MGT222 Small Business Mgt	3	MGT200 Management Elective	3
MGT223 Business Decision Making	4	MGT200 Management Elective	4
MGT224 Human Resource Mgt	3	MGT131 Introduction to Human Resources & Ethics	3
MGT227 Operations Management	4	MGT321 Operations Management	4
MGT232 International Business	3	MGT200 Management Elective	3
MGT234 Business Plan Development	3	MGT200 Management Elective	3
MGT235 Facility & Event Mgt for Sport	3	SRM200 Sports & Recreation Management Elective	3
MGT236 Sports & Ethics	3	SRM200 Sports & Recreation Management Elective	3
MGT241 Casino Security	3	MGT200 Management Elective	3
MGT243 Gaming Methods	3	MGT200 Management Elective	3

### ***MED INSTRUMENT STERIL (MIS)***

MIS123 Intro to Surgical Term/Microbio	3	OE 100 Open Elective	3
MIS124 Medical Instr Sterilization I	4	OE 100 Open Elective	4
MIS125 MIS I/Directed Practice	2	OE 100 Open Elective	2
MIS126 Medical Instr Sterilization II	4	OE 100 Open Elective	4
MIS127 MIS II/Directed Practice	3	OE 100 Open Elective	3
MIS222 Medical Inst Sterilization III	2	OE 200 Open Elective	2
MIS223 MIS III/Directed Practice	1	OE 200 Open Elective	1

### ***MARKETING (MKT)***

MKT121 Principles of Marketing	3	MKT151 Introductory Marketing	3
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MKT131 Casino Marketing	3	MKT100 Marketing Elective	3
MKT221 Sales	3	MKT200 Marketing Elective	3
MKT222 Advertising	3	MKT253 Marketing Communications	3
MKT225 Sports Sales	3	MKT200 Marketing Elective	3
MKT226 Supply Chain Management	3	MKT221 Supply Chain Management	3
MKT227 Consumer Behavior	3	MKT252 Buyer Behavior	3
MKT229 Market Planning	4	MKT200 Marketing Elective	4
MKT233 Market Research	3	MKT200 Marketing Elective	3
MKT234 Principles of Transpiration	3	MKT200 Marketing Elective	3
MKT235 Introduction to Logistics	4	MKT200 Marketing Elective	4
MKT236 E-Marketing	3	MKT200 Marketing Elective	3

### ***MEDICAL LABORATORY (MLT)***

MLT121 Fundamentals of Lab Tech	3	OE 100 Open Elective	3
MLT122 Urinalysis and Body Fluids	3	OE 100 Open Elective	3
MLT123 Hematology I	3	OE 100 Open Elective	3
MLT124 Hematology II	4	OE 100 Open Elective	4
MLT125 Immunohematology	5	OE 100 Open Elective	5
MLT126 Immunology/Serology	3	OE 100 Open Elective	3
MLT222 Clinical Chemistry	5	OE 200 Open Elective	5
MLT223 Clinical Microbiology	7	OE 200 Open Elective	7
MLT225 MLT Applications	3	OE 200 Open Elective	3
MLT226 MLT Directed Practice	6	OE 200 Open Elective	6
MLT227 MLT Seminar	1	OE 200 Open Elective	1

### ***MECHANICAL SERVICE TECH (MST)***

MST121 Blueprint Reading	2	OE 100 Open Elective	2
MST123 Hydraulic and Pneumatic App	3	OE 100 Open Elective	3
MST124 Furnace Combustion Princ	1	OE 100 Open Elective	1
MST125 Basic Pumps	3	OE 100 Open Elective	3
MST126 Pipefitting Princ and Applic	4	OE 100 Open Elective	4
MST127 Principles of Welding	3	OE 100 Open Elective	3
MST128 Welding Lab	3	OE 100 Open Elective	3
MST130 Elements of Microprocess	4	OE 100 Open Elective	4
MST131 Stats Process Ctrl Chart	2	OE 100 Open Elective	2
MST133 Press Working Fundamentals	2	OE 100 Open Elective	2
MST134 Hydraulic and Pneumatic Sys	6	OE 100 Open Elective	6
MST135 Plumbing and Pipe Code Principle	3	OE 100 Open Elective	3
MST136 3G Wldg Cert Exam Prep	2	OE 100 Open Elective	2
MST137 6G Wldg Cert Exam Prep	5	OE 100 Open Elective	5
MST138 Prep Gas Tungsten Arc Wldg	5	OE 100 Open Elective	5
MST139 Gas Tungsten Arc Wldg Titan	3	OE 100 Open Elective	3
MST221 Mechanical Drive Compon	3	OE 200 Open Elective	3
MST223 Hydraulic and Pneumatic Elec	2	OE 200 Open Elective	2
MST224 Dimensional Metrology	2	OE 200 Open Elective	2
MST225 DC Crane Control	1	OE 200 Open Elective	1
MST226 Tungsten Inert Gas Weld	3	OE 200 Open Elective	3

MST227 Metallic Inert Gas Weld	3	OE 200 Open Elective	3
MST228 Shielded Metal Arc I	3	OE 200 Open Elective	3

**MATHEMATICS (MTH)**

MTH091 Prealgebra I	2	No Credit	*
MTH092 Prealgebra II	2	No Credit	*
MTH093 Intermediate Algebra I	2	No Credit	*
MTH094 Intermediate Algebra II	2	No Credit	*
MTH105 Math for Allied Health	3	OE 100 Open Elective	3
MTH106 Math for Technology	3	OE 100 Open Elective	3
MTH107 Industrial Math	3	OE 100 Open Elective	3
MTH108 Explorations in Modern Mathema	3	OE 100 Open Elective	3
MTH122 Hydraulic and Pneumatic Pri	3	OE 100 Open Elective	3
MTH124 Statistics	3	MAT273 Applied Statistics I	3
MTH124A Statistics, Module A	1.5	OE 100 Open Elective	1.5
MTH124B Statistics, Module B	1.5	OE 100 Open Elective	1.5
MTH125 College Algebra	4	MAT181 College Algebra	4
MTH125A College Algebra A	2	OE 100 Open Elective	2
MTH125B College Algebra B	2	OE 100 Open Elective	2
MTH130 Trigonometry	3	OE 100 Open Elective	3
MTH135 Precalculus	5	MAT275 Pre-Calculus	5
MTH135A Precalculus A	2.5	OE 100 Open Elective	2.5
MTH135B Precalculus B	2.5	OE 100 Open Elective	2.5
MTH221 Concepts of Calculus	3	MAT281 Calculus I	3
MTH223 Analytic Geometry-Cal I	4	MAT200 Mathematics Elective	4
MTH223A Analytic Geometry-Cal I A	2	MAT200 Mathematics Elective	2
MTH223B Analytic Geometry-Cal I B	2	MAT200 Mathematics Elective	2
MTH224 Anal Geom & Calc II	4	MAT200 Mathematics Elective	4
MTH225 Analytic Geo & Calc III	4	MAT200 Mathematics Elective	4
MTH226 Linear Algebra	3	MAT200 Mathematics Elective	3
MTH227 Ordinary Differential Equat	3	MAT200 Mathematics Elective	3

**NETWORK (NET)**

NET120 PC Upgrading and Maintenance	3	CIS100 Computer Information Systems Elective	3
NET121 Intro to Comp Networking	3	CIS100 Computer Information Systems Elective	3
NET131 Microsoft Client Operating Sys	3	CIS100 Computer Information Systems Elective	3
NET134 CCNA Phase I	2	CIS100 Computer Information Systems Elective	2
NET135 CCNA Phase II	2	CIS100 Computer Information Systems Elective	2
NET137 Routing & Switching Essentials	3	CIS100 Computer Information Systems Elective	3
NET220 Unix/Linux Operating Environment	3	CIS100 Computer Information Systems Elective	3
NET244 Microsoft Networking I	3	CIS100 Computer Information Systems Elective	3
NET245 Microsoft Networking II	3	CIS100 Computer Information Systems Elective	3
NET246 Microsoft Networking III	3	CIS100 Computer Information Systems Elective	3
NET251 Voice Over IP Fundamentals	3	CIS100 Computer Information Systems Elective	3
NET253 Sec Ntwk Switch and Routers	3	CIS100 Computer Information Systems Elective	3
NET254 Cisco Wireless	3	CIS200 Computer Information Systems Elective	3
NET256 Scaling Networks	3	CIS200 Computer Information Systems Elective	3

NET257 Connecting Networks	3	CIS200 Computer Information Systems Elective	3
NET264 Unix/Linux Sys Admin	3	CIS200 Computer Information Systems Elective	3
NET265 Unix/Linux Shell Scripting	3	CIS200 Computer Information Systems Elective	3
NET266 Unix/Linux Network Admin	3	CIS200 Computer Information Systems Elective	3
NET280 Web Server Administration	3	CIS200 Computer Information Systems Elective	3
NET281 Firewall and Network Security	3	CIS200 Computer Information Systems Elective	3

***DIETETIC (NTR)***

NTR121 Basic Medical Nutrition	3	OE 100 Open Elective	3
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***NURSING ADN (NUR)***

NUR121 Fund Concepts in Nursing	6	OE 100 Open Elective	6
NUR122 Nurse Care Childbear Fam	4	OE 100 Open Elective	4
NUR123 Nursing Care of Children	4	OE 100 Open Elective	4
NUR201 Transition for LPNS	5	OE 200 Open Elective	5
NUR221 Nur Care Person/Alt I	6	OE 200 Open Elective	6
NUR222 Nur Care Person/Alt II	8	OE 200 Open Elective	8
NUR223 Nur Care Person/Alt III	8	OE 200 Open Elective	8
NUR224 Nursing Seminar	1	OE 200 Open Elective	1
NUR225 Transition for the Paramedic	6	OE 200 Open Elective	6

***OCCUPATIONAL TEHRAPY (OTA)***

OTA121 Foundations of OT	3	OE 100 Open Elective	3
OTA122 Therapeutic Media	3	OE 100 Open Elective	3
OTA123 Psychosocial Aspects of OT	4	OE 100 Open Elective	4
OTA124 Psychosocial Clinical Ex	3	OE 100 Open Elective	3
OTA221 Develop Aspects in OT	4	OE 200 Open Elective	4
OTA222 Dev Clinical Experience	3	OE 200 Open Elective	3
OTA223 Life Span Development	5	OE 200 Open Elective	5
OTA224 OT in Physical Dysfun	4	OE 200 Open Elective	4
OTA225 Phys Dysfunction Clinic	3	OE 200 Open Elective	3
OTA226 OT Asst Seminar	2	OE 200 Open Elective	2
OTA227 Clinical Applications I	3	OE 200 Open Elective	3
OTA228 Clinical Applications II	3	OE 200 Open Elective	3

***PETROLEUM INDUSTRY (PET)***

PET101 Intro to the Petrol Indust	3	OE 100 Open Elective	3
PET102 Intro to Sup Ctrl & Data Acq	2	OE 100 Open Elective	2
PET131 Corrosion Basics	3	OE 100 Open Elective	3
PET132 Petroleum Instrumentation	3	OE 100 Open Elective	3
PET135 Basic Pipeline Operations	3	OE 100 Open Elective	3
PET141 Oil and Gas Lease Operations	3	OE 100 Open Elective	3
PET142 Artificial Lift	3	OE 100 Open Elective	3

***PHILOSOPHY (PHL)***

PHL122 Ethics	3	PHI215 Ethics	3
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**PHYSICS (PHY)**

PHY101 Principles of Physics	4	PHY100 Physics Elective	4
PHY121 Col Physics I W Alg	4	PHY100 Physics Elective	4
PHY121A Col Physics I A W Alg	2	PHY100 Physics Elective	2
PHY121B Col Physics I B W Alg	2	PHY100 Physics Elective	2
PHY122 Col Physics II W Alg	4	PHY100 Physics Elective	4
PHY125 Astronomy	4	NAT100 Natural Science Elective	4
PHY221 Gen Physics I W Calc	5	PHY211 General Physics I + PHY211L	5
PHY222 Gen Physics II W Calc	5	PHY211 General Physics I + PHY211L	5

**PARALEGAL (PLS)**

PLS121 Intro to Paralegal Studies	3	OE 100 Open Elective	3
PLS122 Civil Litigation	3	OE 100 Open Elective	3
PLS123 Legal Ethics	3	OE 100 Open Elective	3
PLS221 Torts and Personal Injury Law	3	OE 200 Open Elective	3
PLS222 Family Law	3	OE 200 Open Elective	3
PLS223 Property and Probate Law	3	OE 200 Open Elective	3
PLS224 Crim Law and Proc for Paralegal	3	OE 200 Open Elective	3
PLS227 Paralegal Studies Prac/Sem	3	OE 200 Open Elective	3

**POLITICAL SCIENCE (PSC)**

PSC121 Political Science	3	POL101 Intro to the American Political Process	3
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**PSYCHOLOGY (PSY)**

PSY121 General Psychology	3	PSY101 Intro to Psychology	3
PSY122 Psychology of Adjustment	3	PSY100 Psychology Elective	3
PSY123 Human Growth and Develop	3	PSY265 Lifespan Development	3
PSY124 Industrial/Organl Psych	3	PSY100 Psychology Elective	3
PSY220 Social Psychology	3	SOC250 Social Psychology	3
PSY221 Abnormal Psychology	3	PSY362 Abnormal Behavior	3
PSY222 Psy Aspect of Therapy	3	PSY200 Psychology Elective	3
PSY229 Psychology Methods	3	PSY200 Psychology Elective	3

**PHYSICAL THERAPIST ASST (PTA)**

PTA121 Fundamentals of Pt	4	OE 100 Open Elective	4
PTA122 Musculoskeletal Anatomy	4	OE 100 Open Elective	4
PTA123 Kinesiology	4	OE 100 Open Elective	4
PTA124 Mst Procedures for Pta	2	OE 100 Open Elective	2
PTA125 Prof Clin Pract For Pta	1	OE 100 Open Elective	1
PTA221 PTA Procedures I	5	OE 200 Open Elective	5
PTA222 PTA Procedures II	5	OE 200 Open Elective	5
PTA223 PTA Procedures III	2	OE 200 Open Elective	2
PTA224 PTA Procedures II Ortho	3	OE 200 Open Elective	3
PTA225 PTA Procedures II Neuro	3	OE 200 Open Elective	3
PTA226 Functional Anatomy	4	OE 200 Open Elective	4
PTA227 Directed Practice III	3	OE 200 Open Elective	3
PTA228 Seminar I	2	OE 200 Open Elective	2

PTA229 Directed Practice I	3	OE 200 Open Elective	3
PTA230 Seminar II	1	OE 200 Open Elective	1
PTA231 Directed Practice II	2	OE 200 Open Elective	2

### **RESPIRATORY CARE (RCT)**

RCT122 Med Gas Administration	3	OE 100 Open Elective	3
RCT123 Airway Management Proced	3	OE 100 Open Elective	3
RCT124 Pharmacology for Rt	2	OE 100 Open Elective	2
RCT125 Clinical Practice BP/Sem	3	OE 100 Open Elective	3
RCT126 Intro to Critical Care	3	OE 100 Open Elective	3
RCT128 Clin Pract-Airw Mgt/Sem	2	OE 100 Open Elective	2
RCT129 Respiratory Diseases	3	OE 100 Open Elective	3
RCT220 Cardiopulmonary A & P	3	OE 200 Open Elective	3
RCT223 Patient Assmst and Monitor	3	OE 200 Open Elective	3
RCT224 Clin Prac Crit Care/Sem	3	OE 200 Open Elective	3
RCT225 Clin Pract Spec Rot/Sem	5	OE 200 Open Elective	5
RCT226 Adv Resp Care Procedures Lab	1	OE 200 Open Elective	1
RCT227 Neonatal/Peds Respiratory Care	3	OE 200 Open Elective	3

### **SCIENCE (SCI)**

SCI273 Special Topics in Science	3	OE 200 Open Elective	3
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### **SIMULATION AND GAME ENG (SGE)**

SGE121 Game Design	3	OE 100 Open Elective	3
SGE221 Adv Gamig and Simulatn Topics	3	OE 200 Open Elective	3
SGE222 3D Game Design and Dev	3	OE 200 Open Elective	3
SGE223 2D Game Design and Develop	3	OE 200 Open Elective	3

### **SOCIOLOGY (SOC)**

SOC121 Sociology	3	SOC101 Principles of Sociology	3
SOC122 Society and Technology	3	SOC100 Sociology Elective	3
SOC123 Dynamics of the Family	3	SOC100 Sociology Elective	3
SOC221 Social Problems	3	SOC200 Sociology Elective	3
SOC222 Juvenile Delinquency	3	SOC200 Sociology Elective	3
SOC225 Cultural Diversity	3	CUL200 Cultural Studies Elective	3
SOC228 Soc Structure & the Individual	3	SOC200 Sociology Elective	3
SOC229 The African American Experience	3	SOC200 Sociology Elective	3
SOC230 Applied Sociological Methods	3	SOC200 Sociology Elective	3

### **SPANISH (SPN)**

SPN100 Elementary Spanish I	4	SPA101 Elementary Spanish I	4
SPN200 Elementary Spanish II	4	SPA102 Elementary Spanish II	4

### **STUDENT SUCCESS COURSE (SSC)**

SSC101 Student Success Seminar	1	OE 100 Open Elective	1
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### **HUMAN AND SOCIAL SERVICE (SWK)**

SWK124 Methods in Practice I	3	OE 100 Open Elective	3
SWK127 Group Processes	3	OE 100 Open Elective	3
SWK130 Methods in Practice II	3	OE 100 Open Elective	3
SWK224 Poverty in the US	3	OE 200 Open Elective	3
SWK226 Social Service Law	3	OE 200 Open Elective	3
SWK231 Human & Social Service Prac/Sem	3	OE 200 Open Elective	3

***TOYOTA (TOY)***

TOY101 Intro to Toyota T-Ten	3	OE 100 Open Elective	3
TOY102 Toyota Electrical Systems I	5	OE 100 Open Elective	5
TOY103 Toyota Steer, Susp, Handl	5	OE 100 Open Elective	5
TOY104 Toyota Engine Diagnosis/Rep	5	OE 100 Open Elective	5
TOY105 Toyota Engine Controls I	5	OE 100 Open Elective	5
TOY106 Toyota ManTrans & Drivetrains	5	OE 100 Open Elective	5
TOY201 Toyota Electrical Systems II	5	OE 200 Open Elective	5
TOY202 Toyota Automotive Braking Sys	5	OE 200 Open Elective	5
TOY203 Toyota HVAC Systems	5	OE 200 Open Elective	5
TOY204 Toyota Engine Controls II	5	OE 200 Open Elective	5
TOY205 Toyota Automatic Transmission	5	OE 200 Open Elective	5

***WEB DESIGN AND DEVELOPMENT (WDD)***

WDD121 Internet/Intranet Des & Dev	3	CIS255 Internet and Website Development	3
WDD122 Web Graphics Design	3	CIS100 Computer Information Systems Elective	3
WDD123 Internet Design Tools	3	CIS100 Computer Information Systems Elective	3
WDD124 Flash Animation and Design	3	CIS100 Computer Information Systems Elective	3
WDD125 Microsoft Expression Studio	3	CIS100 Computer Information Systems Elective	3
WDD221 Web Dev W Javascript AJAX	3	CIS200 Computer Information Systems Elective	3
WDD222 Advd Cascading Style Sheets	3	CIS200 Computer Information Systems Elective	3
WDD223 Content Mgt Sys Dev Des	3	CIS200 Computer Information Systems Elective	3
WDD224 Active Server Page Dev	3	CIS200 Computer Information Systems Elective	3
WDD225 Adv Active Svr Page Dev	3	CIS200 Computer Information Systems Elective	3
WDD226 Web Dev With Php and Mysql	3	CIS200 Computer Information Systems Elective	3
WDD227 Adv Web Dev W Php and Mysql	3	CIS200 Computer Information Systems Elective	3
WDD228 Search Engine Optimization	3	CIS200 Computer Information Systems Elective	3
WDD229 Advanced Web Design	3	CIS200 Computer Information Systems Elective	3
WDD230 Adv Flash Animation and Des	3	CIS200 Computer Information Systems Elective	3
WDD231 Flash Actionscripting	3	CIS200 Computer Information Systems Elective	3