BASED ON THE 2019-2020 PATRICK HENRY COMMUNITY COLLEGE CATALOG AND THE			
2018-2019 TIFFIN UNIVERSITY ACADEMIC BULLETIN			
Patrick Henry Community College Course Equivalence			
PATRICK HENRY COMMUNITY COLLEGE		**TIFFIN UNIVERSITY**	
	Sem. Hrs.		Sem. Hrs.
ACCOUNTING (ACC)			
ACC124 Payroll Accounting	3	ACC100 Accounting Elective	3
ACC134 Small Business Taxes	3	ACC100 Accounting Elective	3
ACC211 Principles of Accounting I	3	ACC201 Survey of Accounting	3
ACC212 Principles of Accounting II	3	ACC210 Analysis of Accounting Process	3
ACC215 Computerized Accounting	3	ACC200 Accounting Elective	3
ACC221 Intermediate Accounting I	3	ACC200 Accounting Elective	3
ACC222 Intermediate Accounting II	3	ACC200 Accounting Elective	3
ACC231 Cost Accounting I	3	ACC200 Accounting Elective	3
ACC261 Principles of Federal Taxation I	3	ACC200 Accounting Elective	3
ACC290 Coordinated Internship	3	ACC200 Accounting Elective	3
ACC293 Studies In	3	ACC200 Accounting Elective	3
ACC297 Cooperative Education	3	ACC200 Accounting Elective	3
ACC299 Supervised Study	1	OE 200 Open Elective	1
ADMINISTRATION OF JUSTICE (ADJ)			
ADJ100 Survey of Criminal Justice	3	JUS110 Introduction to Criminal Justice	3
ADJ105 The Juvenile Justice System	3	COR231 Juvenile Justice Systems	3
ADJ111 Law Enforcement Organization & Administration I	3	JUS100 Criminal Justice Elective	3
ADJ112 Law Enforcement Organization & Administration II	3	JUS100 Criminal Justice Elective	3
ADJ130 Introduction to Criminal Law	3	JUS201 Criminal Law	3
ADJ131 Legal Evidence	3	JUS100 Criminal Justice Elective	3
ADJ133 Ethics and the Criminal Justice Professional	3	JUS100 Criminal Justice Elective	3
ADJ140 Introduction to Corrections	3	COR120 Correctional Thought and Practice	3
ADJ145 Corrections and the Community	3	COR100 Corrections Elective	3
ADJ146 Adult Correctional Institutions	3	COR100 Corrections Elective	3
ADJ160 Police Response to Critical Incidents	3	ENF100 Law Enforcement Elective	3
ADJ201 Criminology	3	ENF293 Criminology	3
ADJ228 Narcotics and Dangerous Drugs	3	JUS200 Criminal Justice Elective	3
ADJ234 Terrorism and Counter-Terrorism	3	ENF212 Concepts of Terrorism	3
ADJ236 Principles of Criminal Investigation	3	ENF239 Applied Criminal Investigation & Criminalistics	3
ADJ237 Advanced Criminal Investigation	3	ENF200 Law Enforcement Elective	3
ADJ280 Capstone Project	1	OE 200 Open Elective	1
ADJ299 Supervised Study	1	OE 200 Open Elective	1
ARABIC (ARA)			
ARA101 Beginning Arabic	5	ARB101 Elementary Modern Standard Arabic I	5
ARA102 Beginning Arabic II	5	ARB102 Elementary Modern Standard Arabic II	5
ARTS (ART)			
ART101 History and Appreciation of Arts I	3	ART100 Art Elective	3
ART102 History and Appreciation of Arts II	3	ART210 Art Appreciation	3
ART121 Drawing I	3	ART100 Art Elective	3
ART122 Drawing II	3	ART100 Art Elective	3
ART241 Painting I	3	ART200 Art Elective	3
ART242 Painting II	3	ART200 Art Elective	3
ART283 Computer Graphics I	4	ART200 Art Elective	4
ART284 Computer Graphics II	4	ART200 Art Elective	4

AMERICAN SIGN LANGUAGE (ASL)			
ASL101 American Sign Language I	4	OE 100 Open Elective	4
ASL102 American Sign Language II	4	OE 100 Open Elective	4
ADMINISTRATIVE SUPPORT TECHNOLOGY (AST)			
AST101 Keyboarding I	3	OE 100 Open Elective	3
AST102 Keyboarding II	3	OE 100 Open Elective	3
AST107 Editing/Proofreading Skills	3	OE 100 Open Elective	3
AST117 Keyboarding For Computer Usage	1	OE 100 Open Elective	1
AST141 Word Processing (Specify Software)	3	OE 100 Open Elective	3
AST154 Voice Recognition Applications (Dragon Naturally Speaking)	1	OE 100 Open Elective	1
AST171 Introduction to Call Center Services	3	OE 100 Open Elective	3
AST238 Word Processing Advanced Operations	3	OE 200 Open Elective	3
AST243 Office Administration I	3	OE 200 Open Elective	3
AST244 Office Administration II	3	OE 200 Open Elective	3
AST245 Medical Machine Transcription	3	OE 200 Open Elective	3
AST260 Presentation Software (Microsoft PowerPoint)	3	OE 200 Open Elective	3
AST271 Medical Office Procedures I	3	OE 200 Open Elective	3
AST290 Coordinated Internship	3	OE 200 Open Elective	3
AST299 Supervised Study	1	OE 200 Open Elective	1
AUTOMOTIVE (AUT)			
AUT109 Applied Mathematics for Automotive Technicians	3	OE 100 Open Elective	3
AUT111 Automotive Engines I	3	OE 100 Open Elective	3
AUT112 Automotive Engines II	3	OE 100 Open Elective	3
AUT113 Cylinder Block Service I	3	OE 100 Open Elective	3
AUT114 Cylinder Head Service II	3	OE 100 Open Elective	3
AUT120 Introduction to Automotive Machine Shop	3	OE 100 Open Elective	3
AUT121 Automotive Fuel Systems I	3	OE 100 Open Elective	3
AUT125 Anti-Pollution Systems	3	OE 100 Open Elective	3
AUT161 Automotive Diagnosis I	3	OE 100 Open Elective	3
AUT162 Automotive Diagnosis II	3	OE 100 Open Elective	3
AUT165 Auto Diagnosis and Tune-Up	2	OE 100 Open Elective	2
AUT190 Coordinated Internship	1	OE 100 Open Elective	1
AUT215 Emissions Systems Diagnosis and Repair	2	OE 200 Open Elective	2
AUT236 Automotive Climate Control	4	OE 200 Open Elective	4
AUT241 Automotive Electricity I	3	OE 200 Open Elective	3
AUT242 Automotive Electricity II	3	OE 200 Open Elective	3
AUT245 Automotive Electronics	3	OE 200 Open Elective	3
AUT265 Automotive Braking Systems	3	OE 200 Open Elective	3
AUT266 Auto Alignment, Suspension and Steering	3	OE 200 Open Elective	3
AUT275 Shop Management	2	OE 200 Open Elective	2
BROADCASTING (BSC)			
BSC110 Fundamentals in Video Production	4	OE 100 Open Elective	4
BSC299 Supervised Study	1	OE 200 Open Elective	1
BIOLOGY (BIO)			
BIO101 General Biology I	4	BIO101 Contemporary Biological Problems & BIO101L	3+1
BIO102 General Biology II	4	BIO100 Biology Elective	4
BIO141 Human Anatomy and Physiology I	4	NAT150 Introduction to Anatomy & Physiology & NAT150L	3-1
BIO142 Human Anatomy and Physiology II	4	BIO100 Biology Elective	4
BIO205 General Microbiology	4	BIO200 Biology Elective	4
BUSINESS MANAGEMENT ADMINISTRATION (BUS)			

BUS100 Introduction to Business	3	MGT121 How Business Works	3
BUS106 Security Awareness for Managers	3	MGT100 Management Elective	3
BUS110 Business Protocol	3	MGT100 Management Elective	3
BUS111 Principles of Supervision I	3	MGT100 Management Elective	3
BUS112 Principles of Supervision II	3	MGT100 Management Elective	3
BUS116 Entrepreneurship	3	MGT100 Management Elective	3
BUS125 Applied Business Mathematics	3	MAT101 Mathematics Elective	3
BUS149 Workplace Ethics	1	OE 100 Open Elective	1
BUS160 Legal Aspects of Small Business Operations	1	OE 100 Open Elective	1
BUS165 Small Business Management	3	MGT100 Management Elective	3
BUS190 Coordinated Internship	3	MGT100 Management Elective	3
BUS200 Principles of Management	3	MGT201 Management of Organizations	3
BUS205 Human Resource Management	3	MGT200 Management Elective	3
BUS234 Supply Chain Management	3	MGT221 Supply Chain Management	3
BUS241 Business Law I	3	LAW211 Business Law I	3
BUS255 Inventory and Warehouse Management	3	MGT200 Management Elective	3
BUS280 Introduction to International Business I	3	MGT200 Management Elective	3
BUS290 Coordinated Internship	3	OE 200 Open Elective	3
BUS290 Coordinated Internship	1	OE 200 Open Elective	1
BUS297 Cooperative Education	3	OE 200 Open Elective	3
BUS299 Supervised Study	3	OE 200 Open Elective	3
CHILDHOOD DEVELOPMENT (CHD)			
CHD118 Language Arts for Young Children	3	OE 100 Open Elective	3
CHD120 Introduction to Early Childhood Education	3	OE 100 Open Elective	3
CHD145 Teaching Art, Music and Movement to Children	3	OE 100 Open Elective	3
CHD146 Math, Science, and Social Studies for Children	3	OE 100 Open Elective	3
CHD164 Working with Infants and Toddlers in Inclusive Settings	3	OE 100 Open Elective	3
CHD165 Observation & Participation in Early Childhd/Primary Setting	3	OE 100 Open Elective	3
CHD166 Infant and Toddler Programs	3	OE 100 Open Elective	3
CHD205 Guiding the Behavior of Children	3	OE 200 Open Elective	3
CHD210 Introduction to Exceptional Children	3	OE 200 Open Elective	3
CHD216 Early Childhood Programs, School, and Social Change	3	OE 200 Open Elective	3
CHD265 Adv Observation & Participation in Early Childhd/Prim Settings	3	OE 200 Open Elective	3
CHD270 Administration of Early Childcare Programs	3	OE 200 Open Elective	3
CHEMISTRY (CHM)			
CHM110 Survey of Chemistry	3	CHM100 Chemistry Elective	3
CHM111 College Chemistry I	4	CHM131 General Chemistry I & CHM131L	3+1
CHM112 College Chemistry II	4	CHM132 General Chemistry II & CHM132L	3+1
CHINESE (CHI)			
CHI101 Beginning Chinese I	5	OE 100 Open Elective	5
CHI102 Beginning Chinese II	5	OE 100 Open Elective	5
COMMUNICATION STUDIES & THEATRE (CST)			
CST110 Introduction to Communication	3	COM100 Communication Elective	3
CST130 Introduction to The Theatre	3	THR100 Theatre Elective	3
CST131 Acting I	3	THR100 Theatre Elective	3
CST132 Acting II	3	THR100 Theatre Elective	3
CST136 Theatre Workshop	3	THR100 Theatre Elective	3
CST231 History of Theatre I	3	THR100 Theatre Elective	3
COMPUTER SCIENCE (CSC)			
CSC130 Scientific Programming	3	ITS100 Information Technology Elective	3

CSC200 Introduction to Computer Science	3	ITS106 Introduction to Computer Science	3
CSC201 Computer Science I	4	ITS200 Information Technology Elective	4
CSC202 Computer Science II	4	ITS200 Information Technology Elective	4
CSC205 Computer Organization	3	ITS200 Information Technology Elective	3
COMPUTER AIDED DRAFTING & DESIGN (CAD)			
CAD201 Computer Aided Drafting and Design I	3	OE 200 Open Elective	3
CAD202 Computer Aided Drafting and Design II	3	OE 200 Open Elective	3
CAD203 Computer Aided Drafting and Design III	3	OE 200 Open Elective	3
CAD231 Computer Aided Drafting I	3	OE 200 Open Elective	3
CAD232 Computer Aided Drafting II	3	OE 200 Open Elective	3
CAD233 Computer Aided Drafting III	3	OE 200 Open Elective	3
CAD238 Computer-Aided Modeling and Rendering I	3	OE 200 Open Elective	3
CAD239 Computer-Aided Modeling and Rendering II	3	OE 200 Open Elective	3
CAD241 Parametric Solid Modeling I	3	OE 200 Open Elective	3
CAD242 Parametric Solid Modeling II	3	OE 200 Open Elective	3
CAD243 Parametric Solid Modeling III	3	OE 200 Open Elective	3
CAD293 Studies in Computer-Aided Drafting	3	OE 200 Open Elective	3
DRAFTING (DRF)			
DRF160 Machine Blueprint Reading	3	OE 100 Open Elective	3
ECONOMICS (ECO)			
ECO201 Principles Macroeconomics	3	ECO221 Principles of Macroeconomics	3
ECO202 Principles of Micro-Economics	3	ECO222 Principles of Microeconomics	3
EDUCATION (EDU)			
EDU200 Introduction to Teaching as a Profession	3	OE 100 Open Elective	3
EDU235 Health, Safety, and Nutritional Education	3	OE 100 Open Elective	3
ENGINEERING (EGR)			
EGR110 Engineering Graphics	3	OE 100 Open Elective	3
EGR123 Introduction to Engineering Design	2	OE 100 Open Elective	2
EGR135 Statics for Engineering Technology	3	OE 100 Open Elective	3
EGR136 Strength of Materials for Engineering Technology	3	OE 100 Open Elective	3
EGR216 Computer Methods in Engineering and Technology	3	OE 200 Open Elective	3
EGR285 Capstone Project	1	OE 200 Open Elective	1
EGR298 Seminar and Project	1	OE 200 Open Elective	1
ELECTRICAL TECHNOLOGY (ELE)			
ELE110 Home Electric Power	3	OE 100 Open Elective	3
ELE113 Electricity I	3	OE 100 Open Elective	3
ELE115 Basic Electricity	3	OE 100 Open Elective	3
ELE138 National Electric Code Review I	3	OE 100 Open Elective	3
ELE156 Electrical Control Systems	3	OE 100 Open Elective	3
ELE233 Programmable Logic Controller Systems I	3	OE 200 Open Elective	3
ELE246 Industrial Robotics Programming	3	OE 200 Open Elective	3
EMERGENCY MEDICAL SERVICES (EMS)			
EMS111 Emergency Medical Technician -Basic	7	OE 100 Open Elective	7
EMS120 Emergency Medical Technician - Basic Clinical	1	OE 100 Open Elective	1
EMS121 Preparatory Foundations	2	OE 100 Open Elective	2
EMS123 EMS Clinical Preparation	1	OE 100 Open Elective	1
EMS125 Basic Pharmacology	1	OE 100 Open Elective	1
EMS126 Basic Pharmacology Lab	1	OE 100 Open Elective	1

EMS127 Airway, Shock and Resuscitation	1	OE 100 Open Elective	1
EMS128 Airway, Shock and Resuscitation Lab	1	OE 100 Open Elective	1
EMS135 Emergency Medical Care	2	OE 100 Open Elective	2
EMS136 Emergency Medical Care Lab	1	OE 100 Open Elective	1
EMS137 Trauma Care	1	OE 100 Open Elective	1
EMS138 Trauma Care Lab	1	OE 100 Open Elective	1
EMS139 Special Populations	1	OE 100 Open Elective	1
EMS140 Special Populations Lab	1	OE 100 Open Elective	1
EMS141 Cardiovascular Care	2	OE 100 Open Elective	2
EMS142 Cardiovascular Care Lab	1	OE 100 Open Elective	1
EMS150 Advanced Emergency Medical Technician (AEMT)	7	OE 100 Open Elective	7
EMS151 Introduction to Advanced Life Support	4	OE 100 Open Elective	4
EMS163 Prehospital Trauma Life Support (PHTLS)	1	OE 100 Open Elective	1
EMS164 Advanced Medical Life Support (AMLS)	1	OE 100 Open Elective	1
EMS165 Advanced Cardiac Life Support (ACLS)	1	OE 100 Open Elective	1
EMS167 Emergency Pediatrics Course (EPC)	1	OE 100 Open Elective	1
EMS170 ALS Internship I	1	OE 100 Open Elective	1
EMS175 Paramedic Clinical Experience I	2	OE 200 Open Elective	2
EMS201 EMS Professional Development	3	OE 200 Open Elective	3
EMS202 Paramedic Pharmacology	2	OE 200 Open Elective	2
EMS203 Advanced Patient Care	2	OE 200 Open Elective	2
EMS204 Advanced Patient Care Lab	2	OE 200 Open Elective	2
EMS205 Advanced Pathophysiology	4	OE 200 Open Elective	4
EMS206 Pathophysiology for the Health Professions	3	OE 200 Open Elective	3
EMS207 Advanced Patient Assessment	3	OE 200 Open Elective	3
EMS209 Advanced Pharmacology	4	OE 200 Open Elective	4
EMS210 EMS Operations	1	OE 200 Open Elective	1
EMS211 Operations	2	OE 200 Open Elective	2
EMS212 Leadership and Professional Development	1	OE 200 Open Elective	1
EMS216 Paramedic Review	1	OE 200 Open Elective	1
EMS242 ALS Clinical Internship III	1	OE 200 Open Elective	1
EMS243 ALS Field Internship III	1	OE 200 Open Elective	1
EMS244 ALS Clinical Internship IV	1	OE 200 Open Elective	1
EMS245 ALS Field Internship IV	1	OE 200 Open Elective	1
EMS247 Paramedic Clinical Experience II	1	OE 200 Open Elective	1
EMS248 Paramedic Comprehensive Field Experience	2	OE 200 Open Elective	2
EMS249 Paramedic Capstone Internship	2	OE 200 Open Elective	2
EMS29 Supervised Study	1	OE 200 Open Elective	1
ENGLISH FUNDAMENTALS (ENF)			
ENF1 Preparing for College English I	8	No Credit	*
ENF2 Preparing for College English II	4	No Credit	*
ENF3 Preparing for College English III	2	No Credit	*
ENGLISH (ENG)			
ENG111 College Composition I	3	ENG141 Rhetoric and Introductory Research Writing	3
ENG112 College Composition II	3	ENG142 Rhetoric and Academic Writing	3
ENG115 Technical Writing	3	ENG245 Technical Writing	3
ENG131 Technical Report Writing I	3	ENG101 English Elective	3
ENG210 Advanced Composition	3	ENG200 English Elective	3
ENG241 Survey of American Literature I	3	ENG200 English Elective	3
ENG242 Survey of American Literature II	3	ENG200 English Elective	3
ENG243 Survey of English Literature I	3	ENG200 English Elective	3
ENG244 Survey of English Literature II	3	ENG200 English Elective	3
ENG250 Children's Literature	3	ENG200 English Elective	3

ENG251 Survey of World Literature I	3	ENG200 English Elective	3
ENG252 Survey of World Literature II	3	ENG200 English Elective	3
ENVIRONEMTNAL SCIENCE (ENV)			
ENV100 Basic Environmental Science	3	NAT215 Environmental Science	3
ELECTRONICS TECHNOLOGY (ETR)			
ETR140 Introduction to Mechatronics	3	OE 100 Open Elective	3
ETR150 Machine Control Using Relay & Programmable Logic	3	OE 100 Open Elective	3
ETR156 Digital Circuits and Microprocessor Fundamentals	4	OE 100 Open Elective	4
ETR230 Mechatronic Process Control	3	OE 200 Open Elective	3
ETR246 Electronic Motor Drives Systems	3	OE 200 Open Elective	3
ETR298 Seminar and Project	1	OE 200 Open Elective	1
FINANCIAL SERVICES (FIN)			
FIN107 Personal Finance	3	FIN101 Personal Finance	3
FIN215 Financial Management	3	FIN200 Finance Elective	3
FRENCH (FRE)			
FRE101 Beginning French I	4	OE 100 Open Elective	4
FRE102 Beginning French II	4	OE 100 Open Elective	4
GEOGRAPHY (GEO)			
GEO210 People and The Land: Intro to Cultural Geography	3	CUL200 Cultural Studies Elective	3
GEO225 Economic Geography	3	CUL200 Cultural Studies Elective	3
GERMAN (GER)			
GER101 Beginning German I	5	OE 100 Open Elective	5
GER102 Beginning German II	5	OE 100 Open Elective	5
GEOLOGY (GOL)			
GOL110 Earthy Science	4	NAT205 Earth Science	4
HEALTH CARE (HCT)			
HCT110 Therapeutic Communication in the Health Care Setting	3	OE 100 Open Elective	3
HEALTH INFORMATION MANAGEMENT (HIM)			
HIM143 Managing Electronic Billing in a Medical Practice	3	OE 100 Open Elective	3
HISTORY (HIS)			
HIS101 History of Western Civilization I	3	HIS137 Civilizations of the World	3
HIS102 History of Western Civilization II	3	HIS137 Civilizations of the World	3
HIS111 History of World Civilization I	3	HIS137 Civilizations of the World	3
HIS112 History of World Civilization II	3	HIS100 History Elective	3
HIS121 United States History I	3	HIS111 American Society to 1865	3
HIS122 United States History II	3	HIS112 American Society since 1865	3
HEALTH (HLT)			
HLT100 First Aid and Cardiopulmonary Resuscitation	2	OE 100 Open Elective	2
HLT105 Cardiopulmonary Resuscitation	1	OE 100 Open Elective	1
HLT106 First Aid and Safety	2	OE 100 Open Elective	2
HLT109 CPR Recertification	1	OE 100 Open Elective	1
HLT115 Introduction to Personal and Community Health	1	OE 100 Open Elective	1
HLT116 Introduction to Personal Wellness Concepts	3	OE 100 Open Elective	3
HLT141 Introduction to Medical Terminology	1	OE 100 Open Elective	1

HLT143 Medical Terminology I	3	BIO150 Medical Terminology	3
HLT170 Introduction to Massage	1	OE 100 Open Elective	1
HLT180 Therapeutic Massage I	3	OE 100 Open Elective	3
HLT193 Muscles and Massage	4	OE 100 Open Elective	4
HLT220 Concepts of Disease	3	OE 200 Open Elective	3
HLT230 Principles of Nutrition and Human Development	3	OE 200 Open Elective	3
HLT250 General Pharmacology	3	OE 200 Open Elective	3
HLT280 Therapeutic Massage II	3	OE 200 Open Elective	3
HLT281 Therapeutic Massage III	3	OE 200 Open Elective	3
HOTEL-REASTURANT-INSTITUTIONAL MANAGEMENT (HRI)			
HRI106 Principles of Culinary Arts I-II	3	OE 100 Open Elective	3
HRI119 Applied Nutrition For Food Service	3	OE 100 Open Elective	3
HRI126 The Art of Garnishing	1	OE 100 Open Elective	1
HRI128 Principles of Baking	3	OE 100 Open Elective	3
HRI134 Food and Beverage Service Management	3	OE 100 Open Elective	3
HRI145 Garde Manger	3	OE 100 Open Elective	3
HRI154 Principles of Hospitality Management	3	OE 100 Open Elective	3
HRI158 Sanitation and Safety	3	OE 100 Open Elective	3
HRI190 Coordinated Internship	3	OE 100 Open Elective	3
HRI190 Coordinated Internship	1	OE 100 Open Elective	1
HRI206 International Cuisine	3	OE 200 Open Elective	3
HRI207 American Regional Cuisine	3	OE 200 Open Elective	3
HRI218 Fruit, Vegetable, and Starch Preparation	3	OE 200 Open Elective	3
HRI219 Stock, Soup, and Sauce Preparation	3	OE 200 Open Elective	3
HRI220 Meat, Seaford, and Poultry Preparation	3	OE 200 Open Elective	3
HRI251 Food and Beverage Cost Control I	3	OE 200 Open Elective	3
HRI252 Food and Beverage Cost Control II	3	OE 200 Open Elective	3
HRI256 Principles and Applications of Catering	3	OE 200 Open Elective	3
HRI290 Coordinated Internship	2	OE 200 Open Elective	2
HUMAN SERVICES (HMS)			
HMS100 Introduction to Human Services	3	OE 100 Open Elective	3
HMS162 Communication Skills for Human Services Professionals	3	OE 100 Open Elective	3
HMS195 Introduction to Developmental Disabilities	3	OE 100 Open Elective	3
HMS251 Substance Abuse I	3	OE 200 Open Elective	3
HMS290 Coordinated Internship	3	OE 200 Open Elective	3
INDUSTRIAL ENGINEERING TECHNOLOGY (IND)			
IND101 Quality Assurance Technology I	3	OE 100 Open Elective	3
IND125 Installation and Preventive Maintenance	3	OE 100 Open Elective	3
IND160 Introduction to Robotics	3	OE 100 Open Elective	3
IND181 World Class Manufacturing	3	OE 100 Open Elective	3
IND195 Intro to Manufacturing and Advanced Films Technology	3	OE 100 Open Elective	3
IND243 Principles and Applications of Mechatronics	3	OE 200 Open Elective	3
IND246 Industrial Robotics Programming	3	OE 200 Open Elective	3
IND290 Coordinated Internship	3	OE 200 Open Elective	3
IND295 Topics in Advanced Films Technology	3	OE 200 Open Elective	3
INFORMATION TECHNOLOGY DESIGN & DATABASE (ITD)			
ITD110 Web Page Design I	3	CIT255 Internet and Website Development I	3
ITD112 Designing Web Page Graphics	3	CIT100 Computer Information Technology Elective	3
ITD130 Database Fundamentals	3	CIT100 Computer Information Technology Elective	3
ITD210 Web Page Design II	3	CIT256 Internet and Website Development II	3

INFORMATION TECHNOLOGY ESSENTIALS (ITE)				
ITE55 Certification Preparation	1	OE 100 Open Elective	1
ITE101 Introduction to Microcomputers	2	CIS100 Computer Information Systems Elective	2
ITE115 Introduction to Computer Applications and Concepts	3	CST111 Digital Literacy and Technology Readiness	3
ITE130 Introduction to Internet Services	3	CIS100 Computer Information Systems Elective	3
ITE140 Spreadsheet Software	3	CIS100 Computer Information Systems Elective	3
ITE150 Desktop Database Software	3	CIS100 Computer Information Systems Elective	3
ITE199 Certification Preparation	1	OE 100 Open Elective	1
ITE290 Coordinated Internship	3	CIS200 Computer Information Systems Elective	3
ITE297 Cooperative Education	3	CIS200 Computer Information Systems Elective	3
ITE299 Supervised Study	1	OE 200 Open Elective	1
INFORMATION TECHNOLOGY-NETWORKING (ITN)			
ITN106 Microcomputer Operating Systems	3	CIT155 Operating Systems	3
ITN107 Personal Computer Hardware and Troubleshooting	3	CIT100 Computer Information Technology Elective	3
ITN154 Network Fund, Router Basics, and Config (ICND1) - CISCO	4	CIT100 Computer Information Technology Elective	4
ITN155 Switching, Wireless, and Wan Techn (ICND2) - CISCO	4	CIT100 Computer Information Technology Elective	4
ITN155L Switching, Wireless, and Wan Techn (ICND2) - CISCO Lab	1	OE 100 Open Elective	1
ITN260 Network Security Basics	3	CIT200 Computer Information Technology Elective	3
ITN261 Network Attacks, Computer Crimes and Hacking	3	CIT200 Computer Information Technology Elective	3
ITN262 Network Communication, Security and Authentication	3	CIT200 Computer Information Technology Elective	3
ITN263 Internet/Intranet Firewalls and E-Commerce Security	3	CIT200 Computer Information Technology Elective	3
ITN266 Network Security Layers	3	CIT200 Computer Information Technology Elective	3
ITN267 Legal Topics in Network Security	3	CIT200 Computer Information Technology Elective	3
ITN290 Coordinated Internship	3	CIT200 Computer Information Technology Elective	3
ITN297 Cooperative Education	3	CIT200 Computer Information Technology Elective	3
INFORMATION TECHNOLGY-PROGRAMMING (ITP)			
ITP110 Visual Basic Programming I	3	CIS201 Programming	3
ITP120 Java Programming I	4	CIS201 Programming	4
ITP160 Introduction to Game Design and Development	3	CIS100 Computer Information Systems Elective	3
ITP220 Java Programming II	4	CIS200 Computer Information Systems Elective	4
INSTRUMENTATION (INS)			
INS210 Principles of Instrumentation	3	OE 200 Open Elective	3
INS230 Instrumentation I	3	OE 200 Open Elective	3
JAPANESE (JPN)			
JPN101 Beginning Japanese I	5	OE 100 Open Elective	5
JPN102 Beginning Japanese II	5	OE 100 Open Elective	5
LEGAL ADMINISTRATION (LGL)			
LGL110 Introduction to Law and the Legal Assistant	3	OE 100 Open Elective	3
LGL115 Real Estate Law for Legal Assistants	3	OE 100 Open Elective	3
LGL117 Family Law	3	OE 100 Open Elective	3
LGL125 Legal Research	3	OE 100 Open Elective	3
LGL126 Legal Writing	3	OE 100 Open Elective	3
LGL215 Torts	3	OE 200 Open Elective	3
LGL219 Basics for Litigation Support	3	OE 200 Open Elective	3
LGL225 Estate Planning and Probate	3	OE 200 Open Elective	3
LGL226 Real Estate Abstracting	3	OE 200 Open Elective	3
LGL230 Legal Transactions	3	OE 200 Open Elective	3
LGL290 Coordinated Internship	2	OE 200 Open Elective	2
LGL299 Supervised Study	1	OE 200 Open Elective	1

MACHINE TECHNOLOGY (MAC)			
MAC101 Machine Shop I	8	OE 100 Open Elective	8
MAC102 Machine Shop II	7	OE 100 Open Elective	7
MAC116 Machinist Handbook	2	OE 100 Open Elective	2
MAC121 Numerical Control I	3	OE 100 Open Elective	3
MAC126 Introductory CNC Programming	3	OE 100 Open Elective	3
MAC127 Advanced CNC Programming	3	OE 100 Open Elective	3
MAC161 Machine Shop Practices I	3	OE 100 Open Elective	3
MAC221 Advanced Machine Tool Operations I	7	OE 200 Open Elective	7
MARKETING (MKT)			
MKT100 Principles of Marketing	3	MKT151 Introductory Marketing	3
MKT160 Marketing for Small Business	3	MKT100 Marketing Elective	3
MKT170 Customer Service	2	MKT100 Marketing Elective	2
MKT200 Consumers, Marketing, and Society	3	MKT252 Buyer Behavior	3
MKT260 Customer Service Management	3	MKT200 Marketing Elective	3
MATHEMATICS (MTH)			
MTH111 Basic Technical Mathematics	3	MAT101 Mathematics Elective	3
MTH130 Fundamentals of Reasoning	3	MAT101 Mathematics Elective	3
MTH133 Mathematics for Health Professions	3	MAT101 Mathematics Elective	3
MTH154 Quantitative Reasoning	3	MAT185 Quantitative Reasoning	3
MTH155 Statistical Reasoning	3	MAT101 Mathematics Elective	3
MTH161 Precalculus I	3	MAT275 Pre-Calculus	3
MTH162 Precalculus II	3	MAT101 Mathematics Elective	3
MTH167 Precalculus with Trigonometry	5	MAT101 Mathematics Elective	5
MTH245 Statistics I	3	MAT275 Pre-Calculus	3
MTH261 Applied Calculus I	3	MAT281 Calculus I	3
MTH263 Calculus I	4	MAT281 Calculus I	4
MTH264 Calculus II	4	MAT285 Calculus II	4
MTH265 Calculus III	4	MAT200 Mathematics Elective	4
MTH266 Linear Algebra	3	MAT200 Mathematics Elective	3
MECHANICAL ENGINEERING TECHNOLOGY (MEC)			
MEC112 Process of Industry	3	OE 100 Open Elective	3
MEC119 Introduction to Basic CNC and CAM	3	OE 100 Open Elective	3
MEC140 Introduction to Mechatronics	3	OE 100 Open Elective	3
MEC155 Mechanisms	3	OE 100 Open Elective	3
MEC165 Applied Hydraulics, Pneumatics and Hydrostatics	3	OE 100 Open Elective	3
MEC290 Coordinated Internship	2	OE 200 Open Elective	2
MEDIA TECHNOLOGY (MET)			
MET293 Studies In	3	OE 200 Open Elective	3
MET295 Topics In	3	OE 200 Open Elective	3
MOTORPSORTS MANGEMENT & TECHNOLOGY (MTS)			
MTS95 Topics in Motorsports	3	No Credit	*
MTS100 Introduction to Motorsports Management	3	OE 100 Open Elective	3
MTS110 Introduction to Motorsports Marketing	3	OE 100 Open Elective	3
MTS120 Introduction to Motorsports Technology	3	OE 100 Open Elective	3
MTS125 Motorsports Technology I	3	OE 100 Open Elective	3
MTS126 Motorsports Technology II	3	OE 100 Open Elective	3
MTS130 Motorsports Structural Technology I	3	OE 100 Open Elective	3
MTS131 Motorsports Structural Technology II	3	OE 100 Open Elective	3
MTS132 Motorsports Structural Technology III	3	OE 100 Open Elective	3

MTS135 Sheet Metal Fabrication	3	OE 100 Open Elective	3
MTS140 Stock Car Engines I	3	OE 100 Open Elective	3
MTS150 Engine Machining Processes I	4	OE 100 Open Elective	4
MTS195 High Performance Engine Induction Systems	3	OE 100 Open Elective	3
MTS205 Motorsports Safety, Environmental, and Transport Issues	3	OE 200 Open Elective	3
MTS210 Race Car Setup I	3	OE 200 Open Elective	3
MTS211 Race Car Setup II	3	OE 200 Open Elective	3
MTS240 Stock Car Engines II	3	OE 200 Open Elective	3
MTS241 Stock Car Engines III	3	OE 200 Open Elective	3
MTS250 Engine Machining Processes II	3	OE 200 Open Elective	3
MTS290 Coordinated Internship	2	OE 200 Open Elective	2
MTS295 Introduction to Pit Stop	2	OE 200 Open Elective	2
MTS295 Machining and Welding	3	OE 200 Open Elective	3
MTS298 Dyno Engine Performance	3	OE 200 Open Elective	3
MTS298 Project In Motorsports Marketing	3	OE 200 Open Elective	3
MTS299 Supervised Study	1	OE 200 Open Elective	1
MUSIC (MUS)			
MUS111 Music Theory I	4	MUS101 Music Elective	4
MUS112 Music Theory II	4	MUS101 Music Elective	4
MUS121 Music Appreciation I	3	MUS223 Music Appreciation	3
MUS135 Jazz Ensemble	1	OE 100 Open Elective	1
MUS136 Applied Music-Voice	1	OE 100 Open Elective	1
MUS137 Chorus Ensemble	1	OE 100 Open Elective	1
MUS145 Applied Music - Keyboard	1	OE 100 Open Elective	1
MUS149 Band Ensemble	1	OE 100 Open Elective	1
MUS155 Applied Music - Woodwinds	1	OE 100 Open Elective	1
MUS175 Applied Music - Brass	1	OE 100 Open Elective	1
MUS185 Applied Music - Percussion	1	OE 100 Open Elective	1
MUS236 Advanced Applied Music - Voice	1	OE 100 Open Elective	1
NATURAL SCIENCE (NAS)			
NAS150 Human Biology	4	BIO100 Biology Elective	4
NURSING (NSG)			
NSG100 Introduction to Nursing Concepts	4	OE 100 Open Elective	4
NSG106 Competencies for Nursing Practice	2	OE 100 Open Elective	2
NSG115 Healthcare Concepts for Transition	4	OE 100 Open Elective	4
NSG130 Professional Nursing Concepts	1	OE 100 Open Elective	1
NSG152 Health Care Participant	3	OE 100 Open Elective	3
NSG170 Health/Illness Concepts	6	OE 100 Open Elective	6
NSG200 Health Promotion and Assessment	3	OE 200 Open Elective	3
NSG210 Health Care Concepts I	5	OE 200 Open Elective	5
NSG211 Health Care Concepts II	5	OE 200 Open Elective	5
NSG230 Advanced Professional Nursing Concepts	2	OE 200 Open Elective	2
NSG252 Complex Health Concepts	4	OE 200 Open Elective	4
NSG270 Nursing Capstone	4	OE 200 Open Elective	4
NUR21 Nurse Aide Clinical Experience	1	OE 200 Open Elective	1
NUR27 Nurse Aide I	5	OE 200 Open Elective	5
NUR135 Drug Dosage Calculations	2	OE 200 Open Elective	2
NUR222 Second Level Nursing Principles and Concepts II	10	OE 200 Open Elective	10
NUR254 Dimensions of Professional Nursing	2	OE 200 Open Elective	2
PHYSICAL EDUCATION & RECREATION (PED)			
PED101 Fundamentals of Physical Activity I	1	OE 100 Open Elective	1

PED102 Fundamentals of Physical Activity II	1	OE 100 Open Elective	1
PED103 Aerobic Fitness I	1	OE 100 Open Elective	1
PED104 Aerobic Fitness II	1	OE 100 Open Elective	1
PED105 Aerobic Dance I	1	OE 100 Open Elective	1
PED107 Exercise and Nutrition I	1	OE 100 Open Elective	1
PED108 Exercise and Nutrition II	1	OE 100 Open Elective	1
PED109 Yoga	1	OE 100 Open Elective	1
PED110 Zumba	1	OE 100 Open Elective	1
PED111 Weight Training I	1	OE 100 Open Elective	1
PED112 Weight Training II	1-2	OE 100 Open Elective	1-2
PED118 Baseball Fundamentals I	1	OE 100 Open Elective	1
PED119 Baseball Fundamentals II	1	OE 100 Open Elective	1
PED120 Yoga II	1	OE 100 Open Elective	1
PED129 Self-Defense	1	OE 100 Open Elective	1
PED133 Golf I	1	OE 100 Open Elective	1
PED134 Golf II	1	OE 100 Open Elective	1
PED137 Martial Arts I	1	OE 100 Open Elective	1
PED138 Martial Arts II	1	OE 100 Open Elective	1
PED150 Soccer	1	OE 100 Open Elective	1
PED152 Basketball	1	OE 100 Open Elective	1
PED154 Volleyball	1	OE 100 Open Elective	1
PED156 Softball	1	OE 100 Open Elective	1
PED157 Soccer II	1	OE 100 Open Elective	1
PED206 Sports Appreciation	2	OE 200 Open Elective	2
PED210 Introduction to Physical Education and Health	3	OE 200 Open Elective	3
PED220 Adult Health and Development	3	OE 200 Open Elective	3
PHILOSOPHY (PHI)			
PHI101 Introduction to Philosophy I	3	PHI110 The Art of Reasoning	3
PHI220 Ethics	3	PHI215 Ethics	3
PHYSICAL THERAPY ASSISTANT (PTH)			
PTH105 Introduction to Physical Therapist Assisting	2	OE 100 Open Elective	2
PTH110 Medical Reporting	1	OE 100 Open Elective	1
PTH150 Kinesiology for the Physical Therapist Assistant	4	OE 100 Open Elective	4
PTH121 Therapeutic Procedures I	5	OE 100 Open Elective	5
PTH122 Therapeutic Procedures II	5	OE 100 Open Elective	5
PTH131 Clinical Education	3	OE 100 Open Elective	3
PTH151 Musculoskeletal Structure and Function	4	OE 100 Open Elective	4
PTH210 Psychological Aspects of Therapy	2	OE 200 Open Elective	2
PTH225 Rehabilitation Procedures	4	OE 200 Open Elective	4
PTH226 Therapeutic Exercise	4	OE 200 Open Elective	4
PTH227 Pathological Conditions	3	OE 200 Open Elective	3
PTH245 Professional Issues	3	OE 200 Open Elective	3
PTH251 Clinical Practicum I	3	OE 200 Open Elective	3
PTH252 Clinical Practicum II	4	OE 200 Open Elective	4
PTH255 Seminar in Physical Therapy	2	OE 200 Open Elective	2
PHYSICS (PHY)			
PHY131 Applied Physics I	3	PHY100 Physics Elective	3
PHY201 General College Physics I	4	PHY211 General Physics I & PHY211L	3+1
PHY202 General College Physics II	4	PHY212 Physics II & PHY212L	3+1
PHY241 University Physics I	4	PHY211 General Physics I & PHY211L	3+1
PHY242 University Physics II	4	PHY212 Physics II & PHY212L	3+1

POLITICAL SCIENCE (PLS)			
PLS211 U.S. Government I	3	POL101 Introduction to the American Political Process	3
PLS212 U.S. Government II	3	POL200 Political Science Elective	3
PRACTICAL NURSING (PNE)			
PNE141 Nursing Skills I	2	OE 100 Open Elective	2
PNE142 Nursing Skills II	2	OE 100 Open Elective	2
PNE145 Trends in Practical Nursing	1	OE 100 Open Elective	1
PNE158 Mental Health and Psychiatric Nursing	2	OE 100 Open Elective	2
PNE161 Nursing in Health Changes I	6	OE 100 Open Elective	6
PNE163 Nursing in Health Changes II	8	OE 100 Open Elective	8
PNE164 Nursing in Health Changes IV	11	OE 100 Open Elective	11
PNE173 Pharmacology for Practical Nurses	2	OE 100 Open Elective	2
PSYCHOLOGY (PSY)			
PSY135 Child Care Psychology	3	PSY100 Psychology Elective	3
PSY200 Principles of Psychology	3	PSY101 Introduction to Psychology	3
PSY215 Abnormal Psychology	3	PSY200 Psychology Elective	3
PSY216 Social Psychology	3	PSY200 Psychology Elective	3
PSY219 Cross-Cultural Psychology	3	PSY200 Psychology Elective	3
PSY230 Developmental Psychology	3	PSY200 Psychology Elective	3
RELIGION (REL)			
REL200 Survey of The Old Testament	3	OE 200 Open Elective	3
REL210 Survey of The New Testament	3	OE 200 Open Elective	3
REL231 Religions of the World I	3	OE 200 Open Elective	3
REL232 Religions of the World II	3	OE 200 Open Elective	3
RECREATION AND PARKS (RPK)			
RPK100 Introduction to Recreation, Parks and Leisure Studies	3	OE 100 Open Elective	3
RPK141 Leadership and Supervision	3	OE 100 Open Elective	3
RPK146 Recreation Facilities Management & Design	3	OE 100 Open Elective	3
RPK152 Sports First Aid & Safety	1	OE 100 Open Elective	1
RPK180 Youth Sports Administration	3	OE 100 Open Elective	3
RPK201 Recreation and Parks Management	3	OE 200 Open Elective	3
RPK210 Principles and Psychology of Coaching	3	OE 200 Open Elective	3
RPK265 Risk Management	3	OE 200 Open Elective	3
RUSSIAN (RUS)			
RUS101 Beginning Russian I	5	OE 100 Open Elective	5
RUS102 Beginning Russian II	5	OE 100 Open Elective	5
SAFETY (SAF)			
SAF126 Principles of Industrial Safety	3	OE 100 Open Elective	3
SAF130 Industrial Safety- OSHA 10	1	OE 100 Open Elective	1
STUDENT DEVELOPMENT (SDV)			
SDV100 College Success Skills	1	No Credit	*
SDV104 Study Skills	2	OE 100 Open Elective	2
SDV106 Preparation for Employment	1	OE 100 Open Elective	1
SDV107 Career Education	1	OE 100 Open Elective	1
SDV108 College Survival Skills	1	OE 100 Open Elective	1
SDV199 Supervised Study in Transfer Programs	1	OE 100 Open Elective	1
SDV299 Supervised Study	1	OE 100 Open Elective	1

SOCIOLOGY (SOC)				
SOC200 Principles of Sociology	3	SOC101 Principles of Sociology		3
SOC211 Principles of Anthropology I	3	CUL200 Cultural Studies Elective		3
SOC212 Principles of Anthropology II	3	CUL200 Cultural Studies Elective		3
SOC245 Sociology of Aging	3	SOC200 Sociology Elective		3
SOC268 Social Problems	3	SOC200 Sociology Elective		3
SPANISH (SPA)				
SPA101 Beginning Spanish I	4	SPA101 Elementary Spanish I		4
SPA102 Beginning Spanish II	4	SPA102 Elementary Spanish II		4
SPA103 Basic Spoken Spanish I	3	SPA100 Spanish Elective		3
SPA104 Basic Spoken Spanish II	3	SPA100 Spanish Elective		3
SPA163 Spanish for Health Professionals I	3	SPA100 Spanish Elective		3
SPA164 Spanish for Health Professionals II	3	SPA100 Spanish Elective		3
SPA201 Intermediate Spanish	4	SPA201 Intermediate Spanish I		4
SPA202 Intermediate Spanish	4	SPA202 Adv Spanish Lang & Lit: The Novel		4
WELDING (WEL)				
WEL117 Oxyfuel Welding and Cutting	3	OE 100 Open Elective		3
WEL123 Shielded Metal Arc Welding (Basic)	4	OE 100 Open Elective		4
WEL124 Shielded Metal Arc Welding (Advanced)	4	OE 100 Open Elective		4
WEL126 Pipe Welding I	3	OE 100 Open Elective		3
WEL130 Inert Gas Welding	3	OE 100 Open Elective		3
WEL135 Inert Gas Welding	2	OE 100 Open Elective		2
WEL141 Welder Qualification Tests I	3	OE 100 Open Elective		3
WEL145 Welding Metallurgy	3	OE 100 Open Elective		3
WEL150 Welding Drawing and Interpretation	3	OE 100 Open Elective		3
WEL198 Seminar and Project	2	OE 100 Open Elective		2
WEL298 Seminar and Project	2	OE 200 Open Elective		2