

**BASED ON THE 2014-2015 NORTHWEST STATE COMMUNITY COLLEGE CATALOG  
AND THE 2015-2016 TIFFIN UNIVERSITY ACADEMIC BULLETIN  
Northwest State Community College Course Equivalence**

<b>NORTHWEST STATE COMMUNITY COLLEGE</b>	<b>Sem. Hr.</b>	<b>TIFFIN UNIVERSITY</b>	<b>Sem. Hr.</b>
<b><i>ACCOUNTING (ACC)</i></b>			
ACC090 Introduction to Accounting	3	NC	*
ACC102 Office Accounting	4	ACC100 Accounting Elective	4
ACC111 Financial Accounting	4	ACC201 Survey of Accounting	3
ACC112 Managerial Accounting	4	ACC228 Managerial Accounting	3
ACC120 Payroll Accounting	3	ACC100 Accounting Elective	3
ACC140 Individual Income Tax Accounting	3	ACC100 Accounting Elective	3
ACC211 Intermediate Accounting I	3	ACC210 Analysis of the Accounting Process	3
ACC212 Intermediate Accounting II	3	ACC200 Accounting Elective	3
ACC221 Cost Accounting I	3	ACC313 Cost Accounting I	3
ACC222 Cost Accounting II	3	ACC314 Cost Accounting II	3
ACC230 Auditing	3	ACC200 Accounting Elective	3
ACC240 Business Income Tax Accounting	3	ACC200 Accounting Elective	3
ACC260 Accounting on Computers	3	ACC231 Computerized Accounting	3
ACC261 QuickBooks	1	OE 200 Open Elective	1
ACC271 Intermediate QuickBooks	1	OE 200 Open Elective	1
ACC272 Advanced QuickBooks	1	OE 200 Open Elective	1
ACC291 Accounting Internship	3	OE 200 Open Elective	3
<b><i>ALTERNATIVE ENERGY (AET)</i></b>			
AET100 Intro to Alternative Energies	3	OE 100 Open Elective	3
AET110 Energy Audit	3	OE 100 Open Elective	3
AET120 Wind Power	4	OE 100 Open Elective	4
AET130 Solar Thermal	4	OE 100 Open Elective	4
AET140 Geothermal	4	OE 100 Open Elective	4
AET200 Sustainable Building Design	3	OE 200 Open Elective	3
AET220 Solar Photovoltaics	4	OE 200 Open Elective	4
AET230 Hydrogen and Fuel Cell Technology	4	OE 200 Open Elective	4
AET240 Biofuels	4	OE 200 Open Elective	4
AET290 Alternative Energy Capstone	4	OE 200 Open Elective	4
<b><i>ART (ART)</i></b>			
ART103 Beginning Drawing	3	ART100 Art Elective	3
ART210 Oil/Acrylic Painting	3	ART200 Art Elective	3
ART220 Beginning Sculpture	3	ART200 Art Elective	3
<b><i>ASSOCIATE OF TECHNICAL STUDIES (ATS)</i></b>			
ATS101 Portfolio Development	3	OE 100 Open Elective	3
<b><i>BANKING AND FINANCE (BAN)</i></b>			
BAN110 Bank Management	3	OE 100 Open Elective	3

BAN210 Credit Management	3	OE 200 Open Elective	3
BAN220 Investment Management	3	OE 200 Open Elective	3

**BIOLOGICAL SCIENCES (BIO)**

BIO100 The World of Science	3	BIO100 Biology Elective	3
BIO101 Principles of Biology	4	BIO101 Contemporary Biological Problems	4
BIO115 Ecology	4	BIO100 Biology Elective	3
BIO131 Nutrition	3	BIO100 Biology Elective	3
BIO150 The Human Body	4	NAT150 Introduction to Anatomy & Physiology	3
BIO180 Principles of Genetics	4	BIO100 Biology Elective	4
BIO201 General Biology I	4	BIO101 Contemporary Biological Problems	4
BIO202 General Biology II	4	BIO200 Biology Elective	4
BIO231 Anatomy & Physiology I	4	BIO311 Human Anatomy & Physiology I	4
BIO232 Anatomy & Physiology II	4	BIO312 Human Anatomy & Physiology II	4
BIO257 Microbiology	4	BIO200 Biology Elective	4

**BUSINESS (BUS)**

BUS101 Introduction to Business	3	MGT121 Supply Chain Management	3
BUS110 Business Math/Calculators	3	MGT100 Management Elective	3
BUS160 International/Global Business	3	MGT100 Management Elective	3
BUS211 Business Communications	3	COM200 Communication Elective	3
BUS221 Business Law	3	LAW211 Business Law I	3
BUS223 Employment Law, Safety, & Security	3	MGT131 Introduction to Human Resources and Ethics	3
BUS250 Labor Relations	3	MGT200 Management Elective	3
BUS260 International Trade	3	MGT200 Management Elective	3

**COMPUTER AIDED DESIGN (CAD)**

CAD111 CAD I	4	OE 100 Open Elective	4
CAD112 CAD II	4	OE 100 Open Elective	4
CAD213 CAD III	4	OE 200 Open Elective	4

**CHEMISTRY (CHM)**

CHM100 The World of Science	3	CHM100 Chemistry Elective	3
CHM101 Principles of Chemistry	4	CHM100 Chemistry Elective	4
CHM110 Science & Technology of Sustainability	4	CHM100 Chemistry Elective	4
CHM138 Principles of Forensics	4	FSC115 Introduction to Forensic Science	3
CHM201 General Chemistry I	5	CHM131 General Chemistry I	4
CHM202 General Chemistry II	5	CHM132 General Chemistry II	4
CHM256 Principles of Biochemistry	3	CHM200 Chemistry Elective	3

**COMPUTER AND INFORMATION SYSTEMS (CIS)**

CIS090 Introduction to Computers	1	NC	*
CIS104 Desktop Management	1	OE 100 Open Elective	1
CIS108 Internet Scripting	4	CIS201 Programming	3
CIS109 Database Management	4	CIS315 Database Design and Applications I	3
CIS111 Visual Basic Programming	4	CIS100 Computer Information Systems Elective	3
CIS112 Microsoft Word	3	CIS100 Computer Information Systems Elective	3

CIS113 Microsoft Excel	3	CIS100 Computer Information Systems Elective	3
CIS114 Microsoft Applications	3	CIS111 Information Systems & Applications	3
CIS117 Microsoft Publisher	1	OE 100 Open Elective	1
CIS118 Access	1	OE 100 Open Elective	1
CIS119 PowerPoint	1	OE 100 Open Elective	1
CIS121 Intermediate Word	1	OE 100 Open Elective	1
CIS122 Intermediate Excel	1	OE 100 Open Elective	1
CIS129 Web Page Development	3	OE 100 Open Elective	3
CIS138 Intermediate Access	1	OE 100 Open Elective	1
CIS150 Programming C++	4	CIS100 Computer Information Systems Elective	4
CIS155 Linux Networking I	4	CIS100 Computer Information Systems Elective	4
CIS161 C#	4	CIS100 Computer Information Systems Elective	4
CIS165 Java Programming	4	CIS100 Computer Information Systems Elective	4
CIS191 Computer Operations	3	ITS106 Introduction to Computer Science	3
CIS192 Microsoft Workstation Technology	3	CIS100 Computer Information Systems Elective	3
CIS193 Microsoft Server Technology	3	CIT155 Operating Systems	3
CIS194 IT Security Fundamentals	3	CIS100 Computer Information Systems Elective	3
CIS195 Networking Essentials	3	CIS100 Computer Information Systems Elective	3
CIS201 Workplace Technologies	3	CIS200 Computer Information Systems Elective	3
CIS255 Linux Networking II	4	CIS200 Computer Information Systems Elective	4
CIS265 Java Programming II	3	CIS200 Computer Information Systems Elective	3
CIS284 Microsoft Infrastructure Technology	3	CIS200 Computer Information Systems Elective	3
CIS285 Microsoft Directory	3	CIS200 Computer Information Systems Elective	3
CIS290 Information Technology Intern	1-4	CIS200 Computer Information Systems Elective	N/A

**CRIMINAL JUSTICE (CJT)**

CJT130 Principles of Criminal Justice	3	JUS110 Introduction to Criminal Justice	3
CJT132 Criminal Justice Administration	3	JUS100 Criminal Justice Elective	3
CJT134 Criminal Law	3	JUS201 Criminal Law	3
CJT136 Juvenile Delinquency Principle	3	COR231 Juvenile Justice Systems	3
CJT140 Constitutional Law	3	JUS100 Criminal Justice Elective	3
CJT220 Law Enforcement in American Society	3	ENF150 Police and Society	3
CJT230 Corrections	3	COR120 Correctional Thought and Practice	3
CJT240 Criminal Evidence & Procedure	3	JUS202 Criminal Procedures	3
CJT242 Probation & Parole	3	COR245 Probation, Parole and Community Corrections	3
CJT244 Criminal Investigation	4	ENF239 Applied Criminal Investigation and Criminalistics	3
CJT246 Technical Skills for Officers	3	JUS200 Criminal Justice Elective	3
CJT252 Seminar in Criminal Justice	3	JUS200 Criminal Justice Elective	3
CJT281 Vehicle Patrol/Traffic Enforcement	4	ENF150 Police and Society	3
CJT282 Firearms/Driving	4	JUS200 Criminal Justice Elective	4
CJT283 Defensive Tactics/Physical Fit	3	JUS200 Criminal Justice Elective	3
CJT5284 Human Conditions	4	JUS200 Criminal Justice Elective	4
CJT289 Special Topics CJ Professional	1	OE 200 Open Elective	1
CJT290 Criminal Justice Practicum	4	JUS200 Criminal Justice Elective	4

**DATA BASE PROGRAMMING (DBP)**

DBP110 ICDL Computer Technologies	1	OE 100 Open Elective	1
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DBP120 Computer Systems I	2	CIS100 Computer Information Systems Elective	2
DBP121 Computer Systems II	3	CIS212 Systems Analysis and Design	3
DBP150 Database Basics	3	CIS100 Computer Information Systems Elective	3
DBP205 Discrete Structures	3	CIS200 Computer Information Systems Elective	3
DBP210 Computer Programming I	3	CIS201 Programming	3
DBP220 Database Reporting	3	CIS200 Computer Information Systems Elective	3
DBP225 Computer Programming II	3	CIS200 Computer Information Systems Elective	3
DBP230 Professional Communication Skills	1	OE 200 Open Elective	1

### ***EARLY CHILDHOOD (ECD)***

ECD100 Principles of Early Childhood Education	2	OE 100 Open Elective	2
ECD101 Child Development Lab	2	OE 100 Open Elective	2
ECD150 Infant & Toddler Development and Care	2	OE 100 Open Elective	2
ECD201 Pre-Kindergarten Curriculum & Methods	3	OE 200 Open Elective	3
ECD202 Diversity in Education	3	OE 200 Open Elective	3
ECD250 Early Childhood Program Administration	2	OE 200 Open Elective	2
ECD270 Special Topics in Early Childhood	3	OE 200 Open Elective	3
ECD280 Child Care Field Experience	3	OE 200 Open Elective	3
ECD282 ECD Field Experience	2	OE 200 Open Elective	2
ECD290 Pre-Kindergarten Practicum	3	OE 200 Open Elective	3
ECD291 Administrator Internship	3	OE 200 Open Elective	3

### ***ECONOMICS (ECO)***

ECO211 Macroeconomics	3	ECO221 Principles of Macroeconomics	3
ECO212 Microeconomics	3	ECO222 Principles of Microeconomics	3
ECO257 Global Economics	3	ECO200 Economics Elective	3

### ***PARAPROFESSIONAL (EDP)***

EDP150 Child & Classroom Observation	2	OE 100 Open Elective	2
EDP200 Special Education Lab	2	OE 200 Open Elective	2
EDP290 Paraprofessional Internship	2	OE 200 Open Elective	2

### ***EDUCATION (EDU)***

EDU100 Introduction to Teaching	2	EDU100 Foundations of Education	2
EDU110 Child & Youth Health Education	2	EDU100 Foundations of Education	2
EDU120 Guidance & Classroom Management	3	EDU101 Foundations of Education Bridge Course	3
EDU130 Phonics & Early Literacy	2	EDU218 The Role of Phonics in Emergent Literacy	2
EDU210 Creative Arts Curriculum	3	EDU200 Education Elective	3
EDU220 Special Education	3	EDU230 Survey of Special Needs Education	3
EDU230 Family, School & Community	3	EDU200 Education Elective	3
EDU240 Educational Psychology	3	EDU250 Educational Psychology	3
EDU250 Education Seminar	2	EDU200 Education Elective	2
EDU260 Instructional Technology	3	EDU150 Introduction to Technology in Education	3

### ***ELECTRICAL ENGINEERING TECHNOLOGIES (EET)***

EET121 DC Circuits	3	OE 100 Open Elective	3
EET122 AC Circuits	3	OE 100 Open Elective	3

EET132 Discrete Structures	3	OE 100 Open Elective	3
EET221 Digital Circuits	4	OE 200 Open Elective	4
EET231 Microprocessors	4	OE 200 Open Elective	4
EET240 Engineering Programming	3	OE 200 Open Elective	3
EET272 Cisco Networking I	4	OE 200 Open Elective	4
EET277 Industrial Electronics	3	OE 200 Open Elective	3
EET289 Systems Integration	3	OE 200 Open Elective	3

### ***EMERGENCY MEDICAL SERVICES (EMS)***

EMS102 EMT Basic I	4	OE 100 Open Elective	4
EMS103 EMT Basic II	3	OE 100 Open Elective	3
EMS202 EMT Intermediate I	5	OE 200 Open Elective	5
EMS203 EMT Intermediate II	3	OE 200 Open Elective	3

### ***COMMUNICATIONS (ENG)***

ENG080 Reading Comprehension	3	NC	*
ENG090 Basic Composition	3	NC	*
ENG095 Integrated College Reading & Writing	4	NC	*
ENG111 Composition I	3	ENG141 Rhetoric and Introductory Research Writing	3
ENG112 Composition II	3	ENG142 Writing, Research and Literature	3
ENG113 Speech	3	COM130 Oral Communication and Presentation	3
ENG210 Technical Communications	3	ENG245 Technical Writing	3
ENG214 Discussion & Conference Method	3	COM200 Communication Elective	3
ENG217 Introduction to Creative Writing	3	ENG251 Creative Writing I	3
ENG223 Interpretation of Literature	3	ENG142 Writing, Research and Literature	3
ENG230 Children's Literature	3	ENG200 English Elective	3
ENG234 Narrative Literature-Old Northwest Territory	3	ENG200 English Elective	3
ENG240 Introduction to Poetry	3	ENG253 Creative Writing III: Poetry	3
ENG241 Introduction to Fiction	3	ENG242 Short Story Interpretation	3
ENG250 American Literature Through the Mid-19th Century	3	ENG293 American Literature I	3
ENG251 American Literature Since Mid-19th Century	3	ENG294 American Literature II	3
ENG260 British Literature Through the 18th Century	3	ENG291 British Literature I	3
ENG261 British Literature 19th Century to Present	3	ENG292 British Literature II	3
ENG271 Non-Western Literature	3	ENG200 English Elective	3

### ***FORENSIC ACCOUNTING (FRA)***

FRA100 Fraud Detection & Deterrence	3	OE 100 Open Elective	3
FRA200 Fraud Examination	3	OE 200 Open Elective	3
FRA210 Legal Elements of Fraud	3	OE 200 Open Elective	3
FRA220 Corporate Internal Control & Governance	3	OE 200 Open Elective	3

### ***GEOGRAPHY (GEO)***

GEO110 World Geography	3	CUL100 Cultural Studies Elective	3
GEO210 Geography- U.S. & Canada	3	CUL100 Cultural Studies Elective	3

### ***GENERAL STUDIES (GSD)***

GSD100 Success Seminar	1	NC	*
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GSD120 Career and Life Planning	3	OE 100 Open Elective	3
<b><i>HISTORY (HIS)</i></b>			
HIS101 U.S. History Pre-1876	3	HIS111 American Society to 1865	3
HIS102 U.S. History Post-1876	3	HIS112 American Society to 1865	3
HIS203 U.S. Since 1945	3	HIS200 History Elective	3
HIS210 The Modern World	3	HIS200 History Elective	3
HIS234 History Old NW Territory	3	HIS200 History Elective	3
HIS290 Historic Preservation Internship	3	HIS200 History Elective	3
<b><i>BEGINNING WESTERN/ENGLISH HORSEMANSHIP (HPF)</i></b>			
HPF106 Beginning Western/English Horsemanship	1	OE 100 Open Elective	1
HPF107 Intermediate Rider	1	OE 100 Open Elective	1
HPF108 Advanced Rider	1	OE 100 Open Elective	1
<b><i>HUMAN SERVICES (HST)</i></b>			
HST101 Principles of Human Services	3	OE 100 Open Elective	3
HST105 Cultural Competence with Diverse Populations	3	OE 100 Open Elective	3
HST108 Principles of Developmental Disability	3	OE 100 Open Elective	3
HST112 Group Work in Human Services	3	OE 100 Open Elective	3
HIST208 Interviewing Techniques	3	OE 200 Open Elective	3
HST210 Human Services Methods	6	OE 200 Open Elective	6
HST212 Principles of Addiction	3	OE 200 Open Elective	3
HST214 Human Services Case Management	3	OE 200 Open Elective	3
HST218 Introduction to Developmental Disabilities	2	OE 200 Open Elective	2
HST219 Principles of Self-Determination	2	OE 200 Open Elective	2
HST220 Principles of Work	2	OE 200 Open Elective	2
HST221 Principles of Habilitation Program	2	OE 200 Open Elective	2
HST222 Ethics in the Helping Profession	3	OE 200 Open Elective	3
HST240 Social Problems	3	SOC200 Sociology Elective	3
HST242 Marriage and Family	3	SOC200 Sociology Elective	3
HST280 Special Problems in I Human Services	1-6	OE 200 Open Elective	N/A
HST282 Special Problems Human Services III	6	OE 200 Open Elective	6
HST290 Practicum I	6	OE 200 Open Elective	6
<b><i>HUMANITIES (HUM)</i></b>			
HUM121 Concert Band	1	MUS100 Music Elective	1
HUM209 Humanities & Cultures: Ancient & Medieval Worlds	3	CUL200 Cultural Studies Elective	3
HUM210 Humanities & Cultures: Renaissance to Present	3	CUL200 Cultural Studies Elective	3
HUM221 Music Appreciation	3	MUS223 Music Appreciation	3
HUM230 Art Appreciation	3	ART210 Art Appreciation	3
<b><i>INDUSTRY (IND)</i></b>			
IND103 Applied Geometry & Trigonometry	3	OE 100 Open Elective	3
IND105 Industrial Safety	2	OE 100 Open Elective	2
IND110 Industrial Computing I	3	OE 100 Open Elective	3
IND120 Industrial Electricity I	3	OE 100 Open Elective	3

IND121 Industrial Electricity II	3	OE 100 Open Elective	3
IND122 Industrial Wiring (NEC)	3	OE 100 Open Elective	3
IND130 Rigging and Erecting	2	OE 100 Open Elective	2
IND131 Industrial Pipefitting	3	OE 100 Open Elective	3
IND132 Bench Work	2	OE 100 Open Elective	2
IND133 Applied Welding Techniques	3	OE 100 Open Elective	3
IND134 Industrial Fluid Power I	3	OE 100 Open Elective	3
IND140 Principles of Machining	3	OE 100 Open Elective	3
IND141 Metallurgy & Heat Treatment	2	OE 100 Open Elective	2
IND220 Electrical Prints & Troubleshooting	3	OE 200 Open Elective	3
IND221 Instrumentation & Controls I	3	OE 200 Open Elective	3
IND223 Motors & Motor Controls	3	OE 200 Open Elective	3
IND232 Machine Repair	3	OE 200 Open Elective	3
IND234 Industrial Fluid Power II	3	OE 200 Open Elective	3
IND240 Machining Processes II	3	OE 200 Open Elective	3
IND241 Tooling & Fixtures-Lubricants & Coolants	3	OE 200 Open Elective	3

### ***INDUSTRIAL TECHNOLOGY (INT)***

INT120 HVACR I	3	OE 100 Open Elective	3
INT220 HVACR II	3	OE 200 Open Elective	3
INT221 HVAC III Heating Systems	3	OE 200 Open Elective	3

### ***MEDICAL ASSISTING (MEA)***

MEA101 Medical Assisting Clinical I	3	OE 100 Open Elective	3
MEA105 Microbiology for Medical Assistants	2	OE 100 Open Elective	2
MEA108 Administrative Medical Office Procedure	3	OE 100 Open Elective	3
MEA110 Pharmacology for Allied Health Professional	3	OE 100 Open Elective	3
MEA200 Medical Assisting Administrative Externship	4	OE 200 Open Elective	4
MEA201 Medical Assisting Clinical II	3	OE 200 Open Elective	3
MEA202 Medical Assisting Clinical Externship/CMA Review	6	OE 200 Open Elective	6
MEA205 Disease Conditions	3	OE 200 Open Elective	3
MEA207 Phlebotomy Externship	6	OE 200 Open Elective	6
MEA2227 Diagnostic Coding	3	OE 200 Open Elective	3
MEA228 Procedural Coding	3	OE 200 Open Elective	3
MEA283 Computerized Medical Insurance	3	OE 200 Open Elective	3

### ***MECHANICAL ENGINEERING TECHNOLOGIES (MET)***

MET099 Engineering Math	3.5	NC	*
MET100 Intro to Engineering Technology	2-3	OE 100 Open Elective	3
MET103 Applied Geometry & Trigonometry	3	OE 100 Open Elective	3
MET110 Print Reading & Sketching	3	OE 100 Open Elective	3
MET121 Manufacturing Processes	3	OE 100 Open Elective	3
MET134 Engineering Materials	3	OE 100 Open Elective	3
MET222 Programming Computer Numerical Control	3	OE 200 Open Elective	3
MET223 CAM I	4	OE 200 Open Elective	4
MET226 Jig, Fixture & Mold Design	3	OE 200 Open Elective	3

MET234 Strength of Materials	3	OE 200 Open Elective	3
MET235 Statics	3	OE 200 Open Elective	3
MET255 Fluid Mechanics	3	OE 200 Open Elective	3
MET260 CAM II	3	OE 200 Open Elective	3
MET262 CAD/CAM Project	4	OE 200 Open Elective	4
MET265 Machine Design	3	OE 200 Open Elective	3
MET290 Engineering Technology Co-op/Internship	1-4	OE 200 Open Elective	N/A

### **MANAGEMENT (MGT)**

MGT110 Management	3	MGT201 Management of Organizations	3
MGT120 Supervision	3	MGT100 Management Elective	3
MGT210 Human Resource Management	3	MGT131 Introduction to Human Resources and Ethics	3
MGT221 Entrepreneurship	3	MGT200 Management Elective	3
MGT230 Retail Management	3	MGT200 Management Elective	3
MGT280 Business Climate Analysis	3	MGT200 Management Elective	3
MGT281 Global Business Climate Analysis	3	MGT200 Management Elective	3
MGT290 Business Management Internship	1-3	MGT200 Management Elective	N/A

### **MARKETING (MKT)**

MKT110 Marketing	3	MKT151 Introductory Marketing	3
MKT111 Entrepreneurial Marketing I	1	OE 100 Open Elective	1
MKT112 Entrepreneurial Marketing II	1	OE 100 Open Elective	1
MKT113 Entrepreneurial Marketing III	1	OE 100 Open Elective	1
MKT210 Advertising	3	MKT253 Marketing Communications	3
MKT230 Salesmanship	3	MKT200 Marketing Elective	3

### **MATHEMATICS (MTH)**

MTH050 Basic Mathematics	4	NC	*
MTH078 Beginning Algebra I	3	NC	*
MTH079 Beginning Algebra II	3	NC	*
MTH080 Review of Beginning Algebra	4	NC	*
MTH090 Intermediate Algebra	3	NC	*
MTH099 Engineering Math	3.5	NC	*
MTH109 College Algebra	3	MAT181 College Algebra	3
MTH112 Trigonometry	3	MAT101 Mathematics Elective	3
MTH151 Mathematics Review for Calculus	1	OE 100 Open Elective	1
MTH170 Survey of Mathematics	3	MAT174 Finite Mathematics	3
MTH213 Calculus I	5	MAT281 Calculus I	3
MTH214 Calculus II	5	MAT200 Mathematics Elective	5

### **MUSIC (MUS)**

MUS120 Chorus	3	MUS 100 Music Elective	3
MUS121 Beginning Chorus	1	OE 100 Open Elective	1
MUS122 Intermediate Chorus	1	OE 100 Open Elective	1
MUS123 Advanced Chorus	1	OE 100 Open Elective	1

### **ASSOCIATE DEGREE NURSING (NRS)**

NRS100 Nurse Aide Certificate	4	OE 100 Open Elective	4
NRS105 Math for Nurses	1	OE 100 Open Elective	1
NRS106 Nursing Perspectives	2	OE 100 Open Elective	2
NRS107 Basic Concepts In Nursing	6	OE 100 Open Elective	6
NRS108 Nursing Care of Clients Physiological Health Needs I	6	OE 100 Open Elective	6
NRS110 Pharmacology	3	OE 100 Open Elective	3
NRS111 Pharmacology I	1.5	OE 100 Open Elective	1.5
NRS112 Pharmacology II	1.5	OE 100 Open Elective	1.5
NRS131 Health Assessment in Nursing	2	OE 100 Open Elective	2
NRS133 Cardiopulmonary Resuscitation	1	OE 100 Open Elective	1
NRS150 Concepts in End of Life Care	1	OE 100 Open Elective	1
NRS207 Nursing Care of the Family Throughout Pregnancy	2	OE 200 Open Elective	2
NRS208 Nursing Care of the Family with Children	2	OE 200 Open Elective	2
NRS209 Nursing Care During Childbearing and Childhood	3	OE 200 Open Elective	3
NRS211 LPN to RN Transition	3	OE 200 Open Elective	3
NRS212 LPN to RN Bridge Course	1	OE 200 Open Elective	1
NRS213 Nursing Care of the Childbearing Family	3	OE 200 Open Elective	3
NRS214 Nursing Care of the Childbearing Family	3	OE 200 Open Elective	3
NRS215 Nursing Care of Clients Psychosocial Health Needs	5	OE 200 Open Elective	5
NRS216 Nursing Care of Clients Physiological Health Needs II	3	OE 200 Open Elective	3
NRS217 Nursing Care of Clients Physiological Health Needs III	5	OE 200 Open Elective	5
NRS218 Concepts in Management Groups of Clients	4	OE 200 Open Elective	4
NRS220 Special Problems in Nursing I	1-4	OE 200 Open Elective	N/A
NRS221 Special Problems in Nursing II	1-4	OE 200 Open Elective	N/A
NRS298 Special Topics	1	OE 200 Open Elective	1

**OFFICE ADMINISTRATIVE SERVICES (OAS)**

OAS090 Keyboarding Basics	1	NC	*
OAS101 Business Document Formatting & Skillbuilding	3	CIS100 Computer Information Systems Elective	3
OAS102 Adv Business Document Formatting & Skillbuilding	3	CIS111 Information Systems & Applications	3
OAS104 Voice Recognition	1	OE 100 Open Elective	1
OAS105 Document Editing and Proofreading	2	OE 100 Open Elective	2
OAS110 Records Management	3	OE 100 Open Elective	3
OAS111 Electronic Health Records	3	OE 100 Open Elective	3
OAS160 Administrative Technology & Procedures	3	OE 100 Open Elective	3
OAS180 Medical Terminology	3	MGT151 Medical Terminology	3
OAS200 Speedbuilding	1	OE 100 Open Elective	1
OAS223 CCA Coding Exam Review	3	OE 200 Open Elective	3
OAS224 CCS Hospital Coding Exam Review	3	OE 200 Open Elective	3
OAS225 CCS-P Physician Office Code Exam	3	OE 200 Open Elective	3
OAS226 Home-Based Independent Medical Coder	3	OE 200 Open Elective	3
OAS227 Diagnostic Coding	3	OE 200 Open Elective	3
OAS228 Procedural Coding	3	OE 200 Open Elective	3
OAS230 Transcription	3	OE 200 Open Elective	3
OAS249 Advanced Microsoft Suite	3	OE 200 Open Elective	3
OAS282 Medical Transcription	3	OE 200 Open Elective	3
OAS283 Computerized Medical Insurance	3	OE 200 Open Elective	3

OAS291 Internship I	1	OE 200 Open Elective	1
<b>PARALEGAL (PAR)</b>			
PAR100 Introduction to Paralegal	3	OE 100 Open Elective	3
PAR101 Law Office Management	3	OE 100 Open Elective	3
PAR110 Civil Procedures	3	OE 100 Open Elective	3
PAR115 Family Law	3	OE 100 Open Elective	3
PAR205 Real Estate Transactions	3	OE 200 Open Elective	3
PAR210 Legal Research and Writing	3	OE 200 Open Elective	3
PAR215 Tort Law	3	OE 200 Open Elective	3
PAR220 Criminal Law	3	OE 200 Open Elective	3
PAR221 Bankruptcy	3	OE 200 Open Elective	3
PAR222 Estates, Trusts, & Wills	3	OE 200 Open Elective	3
PAR290 Paralegal Internship	3	OE 200 Open Elective	3
<b>PLASTICS ENGINEERING TECHNOLOGY (PET)</b>			
PET110 Principles of Plastics	4	OE 100 Open Elective	4
PET115 Plastics Processes I	4	OE 100 Open Elective	4
PET215 Plastics Processes II	4	OE 200 Open Elective	4
PET231 Plastic Material Testing	4	OE 200 Open Elective	4
PET240 Injection Mold Tooling	4	OE 200 Open Elective	4
PET250 Plastics Secondary Operations	4	OE 200 Open Elective	4
<b>PHILOSOPHY, ETHICS, LOGIC, RELIGIONS (PHI)</b>			
PHI110 Critical Thinking & Logic	3	PHI110 The Art of Reasoning	3
PHI201 Introduction to Philosophy	3	PHI210 Philosophical Problems	3
PHI210 Ethics	3	PHI215 Ethics	3
PHI220 Ethics in Health Care	3	PHI200 Philosophy Elective	3
PHI222 Ethics in Helping Professions	3	PHI200 Philosophy Elective	3
PHI230 World Religions	3	CUL220 Religions of the World	3
<b>PHYSICS (PHY)</b>			
PHY100 The World of Science	3	PHY100 Physics Elective	3
PHY101 Principles of Physical Science	4	NAT201 Principles of Physical Science	3
PHY140 Astronomy	4	NAT100 Natural Science Elective	3
PHY150 Principles of Geology	4	NAT100 Natural Science Elective	3
PHY251 Physics: Mechanics & Heat	4	NAT200 Natural Science Elective	4
PHY252 Physics: Electricity & Magnetism	4	NAT200 Natural Science Elective	4
<b>PROGRAMMABLE LOGIC CONTROLLERS (PLC)</b>			
PLC200 Programmable Controller I	3	OE 200 Open Elective	3
PLC210 Programmable Controller II (AB)	3	OE 200 Open Elective	3
PLC220 PLC III	3	OE 200 Open Elective	3
PLC230 Servo/Robotic Systems	3	OE 200 Open Elective	3
<b>PRACTICAL NURSING PROGRAM (PNE)</b>			
PNE105 Effect Communication Skills	1	OE 100 Open Elective	1

PNE110 Special Topics in PN	1-4	OE 100 Open Elective	N/A
PNE120 Essentials of Practical Nursing	8	OE 100 Open Elective	8
PNE121 Nursing Care of the Mother and Newborn	2.5	OE 100 Open Elective	2.5
PNE122 Nursing Care of the Child	2.5	OE 100 Open Elective	2.5
PNE123 Nursing Care: Adults I	4.5	OE 100 Open Elective	4.5
PNE124 Nursing Care: Adults II	5.5	OE 100 Open Elective	5.5

***PSYCHOLOGY (PSY)***

PSY110 General Psychology	3	PSY101 Introduction to Psychology	3
PSY210 Abnormal Psychology	3	PSY362 Abnormal Behavior	3
PSY220 Social Psychology	3	SOC250 Social Psychology	3
PSY230 Human Growth & Development	3	PSY265 Lifespan Development	3
PSY260 Forensic Psychology	3	PSY200 Psychology Elective	3

***QUALITY CONTROL TECHNOLOGY (QCT)***

QCT131 Quality for Lean Management	3	OE 100 Open Elective	3
QCT141 Precision Measurement	3	OE 100 Open Elective	3
QCT142 Advanced Concepts of GD & T	3	OE 100 Open Elective	3
OCT243 Advanced Quality Improvement	3	OE 200 Open Elective	3
OCT250 Certified Quality Technician	3	OE 200 Open Elective	3

***REAL ESTATE (REA)***

REA210 Real Estate Principles	3	OE 200 Open Elective	3
REA220 Real Estate Law	3	OE 200 Open Elective	3
REA230 Real Estate Finance	3	OE 200 Open Elective	3
REA240 Real Estate Appraisal	3	OE 200 Open Elective	3

***SUPPLY CHAIN MANAGEMENT (SCM)***

SCM200 Supply Chain Management	3	MGT221 Supply Chain Management	3
SCM210 Purchasing & Materials Management	3	MGT200 Management Elective	3
SCM220 Operations Management	3	MGT321 Operations Management	3
SCM230 Physical Distribution & Logistics	3	MGT324 Logistics and Distribution	3

***SPANISH (SPN)***

SPN111 Spanish I	4	SPA101 Elementary Spanish I	3
SPN112 Spanish II	4	SPA102 Elementary Spanish II	3

***SOCIAL SCIENCES (SSC)***

SSC101 Sociology	3	SOC101 Principles of Sociology	3
SSC102 Sociology-Sustainable World	3	SOC100 Sociology Elective	3
SSC110 General Anthropology	3	CUL100 Cultural Studies Elective	3
SSC120 American Government	3	POL101 Introduction to the American Political Process	3
SSC130 Comparative Government	3	POL100 Political Science Elective	3
SSC210 Cultural Diversity	3	CUL200 Cultural Studies Elective	3
SSC220 Interpersonal Violence	3	OE 200 Open Elective	3

***STATISTICS (STA)***

STA120 Introduction to Statistics	3	MAT273 Applied Statistics I	3
STA222 Business Statistics	3	MAT273 Applied Statistics I	3
<b>TRANSPORATION (TRN)</b>			
TRN131 Tractor-Trailer Operations I	4	OE 100 Open Elective	4
<b>VISUAL COMMUNICATIONS (VCT)</b>			
VCT103 Introduction to Visual Communication	3	OE 100 Open Elective	3
VCT108 Photo Editing	2	OE 100 Open Elective	2
VCT111 Layout & Design	3	OE 100 Open Elective	3
VCT120 Vector Graphics	3	OE 100 Open Elective	3
VCT182 Photography	3	COM134 Digital Photography	3
VCT204 Concepts of Visual Communication	3	COM204 Visual Comm, Graphics & Presentat Strategies	3
VCT261 3D Computer Modeling	3	COM330 Video Production	3
VCT266 Multimedia Production	3	COM200 Communication Elective	3
VCT268 Video Production	3	COM330 Video Production	3
VCT289 VCT Co-Op Experience	3	COM200 Communication Elective	3
<b>WELDING TECHNOLOGY (WLD)</b>			
WLD100 Blue Print & Weld Symbols	2	OE 100 Open Elective	2
WLD110 Introduction to Applied Welding Techniques	3	OE 100 Open Elective	3
WLD120 Gas Metal Arc Welding	3	OE 100 Open Elective	3
WLD130 Flat and Horizontal Shield Metal Arc	3	OE 100 Open Elective	3
WLD140 Gas Tungsten Arc Welding	3	OE 100 Open Elective	3
WLD150 Advanced Gas Metal Arc Welding	3	OE 100 Open Elective	3