OFFICE OF THE REGISTRAR
THE DEFIANCE COLLEGE

2024-2025 NORTHWEST STATE COMMUNITY COLLEGE TRANSFER GUIDE[1]

Northwest State Course		Credit	Defiance College Equivalent	
ACCOUNTING (ACC)				
ACC 090	Introduction to Accounting	0		No Credit Developmental
ACC 111	Financial Accounting	4	ACCT 221	Financial Accounting
ACC 112	Managerial Accounting	4	ACCT 222	Managerial Accounting
ACC 120	Payroll Accounting	3		Elective
ACC 140	Individual Income Tax	3		Elective**
ACC 211	Intermediate Accounting I	3	ACCT 321	Intermediate Accounting I
ACC 212	Intermediate Accounting II	3	ACCT 322	Intermediate Accounting II
ACC 221	Cost Accounting I Only	3		Elective**
ACC 222	Cost Accounting II Only	3		Elective**
ACC 230	Auditing	3		Elective**
ACC 240	Business Income Tax Accounting	3		Elective**
ACC 260	Accounting on Computers	3		Elective
ACC 291	Accounting Internship	3		Elective
The following Accounting courses if **BOTH taken at NSCC will equate in the following ways:				
ACC 140	Individual Income Tax	3	ACCT 340	Federal Taxation
ACC 240	Business Income Tax	3		Elective
ACC 221	Cost Accounting I	3	ACCT 330	Cost Management
ACC 222	Cost Accounting II	3		Elective
ACC 230	Auditing	3	ACCT 429	Auditing/ACCT Ethics
FRA 220	Corp Internal Controls & Gov.	3		Elective
ALTERNATIVE ENERGY (AET)				
AET 100	Intro to Alternative Energies	3		Elective
AET 110	Energy Audit	3		Elective
AET 120	Wind Power	4		Elective
AET 130	Solar Thermal	4		Elective
AET 140	Geothermal	4		Elective

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[1] This document was last updated April 22, 2022. All courses must be earned with a grade of C (2.0) or better at a regionally accredited college to transfer to Defiance College. Regardless of the number of credits transferred to Defiance College, transfer students must meet several residency requirements, including 1) 30 credit hours at Defiance College, 2) 15 hours in the major at Defiance College, and 3) 24 credits at the 300/400 level at a four-year college or university. Majors at Defiance College may have additional requirements (e.g. grade of C or better in each course in the major) that are posted in the University Catalog. This is subject to change without notice in the case of new courses being added by either College and if any articulation agreements are signed between the two Colleges.

AET 200	Sustainable Building Design	3			Elective
AET 220	Solar Photovoltaics	4			Elective
AET 230	Hydrogen and Fuel Cell Tech	4			Elective
AET 240	Biofuels	4			Elective
AET 290	Alternative Energy Capstone	4			Elective
AGRONOMY (AGR)					
AGR 110	Agronomy Principles	3			Elective
AGR 120	Intro to Precision AG.	3			Elective
AGR 130	Fundamentals of Soil Science	4			Elective
AGR 210	Sustainable Agronomy	3			Elective
AGR 220	AG Meteorology + Climate	3			Elective
AGR 230	Nutrient Management	3			Elective
AGR 240	Integrated Pest Management	3			Elective
AGR 290	Agriculture Practicum	2-4			Elective
ART (ART)					
ART 103	Beginning Drawing	3	ART 112		Drawing
ART 210	Oil/Acrylic Painting	3	ART 220		Painting
ART 220	Beginning Sculpture	3	ART 230		Sculpture
ASSOCIATE of TECHNICAL STUDIES (ATS)					
ATS 101	Portfolio Development	3			Elective
BANKING and FINANCE (BAN)					
BAN 110	Bank Management	3			Elective
BAN 210	Credit Management	3			Elective
BAN 220	Investment Management	3	ECON 452		Investment Analysis
BIOLOGICAL SCIENCE (BIO)					
BIO 100	The World of Science	3			Elective
BIO 101	Principles of Biology	4	BIO 120		Principles of Biology I
BIO 115	Ecology	4	BIO 320		Ecology
BIO 131	Nutrition	3	ESCI 340		Nutrition
BIO 150	The Human Body	4			Elective
BIO 180	Principles of Genetics	4	NSCI 220		Inquiry in Science
BIO 201	General Biology I	4	BIO 120		Principles of Biology I
BIO 202	General Biology II	4	BIO 129		Principles of Biology II
BIO 231	Anatomy & Physiology I	4	BIO 235/239		Anatomy & Physiology I
BIO 232	Anatomy & Physiology II	4	BIO 236		Anatomy & Physiology II
BIO 234	Human Disease	3			Elective
BIO 257	Microbiology	4	BIO 358		Microbiology
BUSINESS (BUS)					
BUS 101	Introduction to Business	3	BUS 140		Foundations of Business
BUS 211	Business Communications	3	BUS 228		Business Communications
BUS 221	Business Law	3	BUS 363		Business Law
BUS 223	Employment Law, Safety	3			Elective
BUS 250	Labor Relations	3			Elective
COMPUTER AIDED DESIGN (CAD)					

CAD 112	CAD II	4		Elective
CAD 213	CAD III	4		Elective
CONSTRUCTION and ENGINEERING TECHNOLOGY (CET)				
CET 100	Construction Methods	3		Elective
CET 115	Project Management	3		Elective
CET 215	Project Management II	3	MGT 375	Project Management
CET 120	Construction Material Testing	3		Elective
CET 200	Surveying	3		Elective
CET 240	Soils	3		Elective
CHEMISTRY (CHM)				
CHM 100	The World of Science	3		Elective
CHM 101	Principles of Chemistry	4	CHEM 113	Chemistry Around Us
CHM 110	Science & Tech Sustainability	4	NSCI 220	Inquiry in Science
CHM 138	Principles of Forensics	4	NSCI 220	Inquiry in Science
CHM 201	General Chemistry I	5	CHEM 123	General Chemistry I
CHM 202	General Chemistry II	5	CHEM 124	General Chemistry II
CHM 256	Principles of Biochemistry	3		Elective
COMPUTER and INFORMATION SYSTEMS (CIS)				
CIS 090	Introduction to Computers	0		No Credit (Remedial)
CIS 104	Desktop Management	1		Elective
CIS 108	Internet Scripting	4	CSCI 105	
CIS 109	Database Management	4		Elective
CIS 111	Visual Basic Programming	4	CSCI 105 or	CSCI Major Elective
CIS 112	Microsoft Word	3		Elective
CIS 113	Microsoft Excel	3		Elective
CIS 114	Microsoft Applications	3		Elective
CIS 117	Microsoft Publisher	1		Elective
CIS 118	Access	1		Elective
CIS 119	Powerpoint	1		Elective
CIS 121	Intermediate Word	1		Elective
CIS 122	Intermediate Excel	1		Elective
CIS 129	Web Page Development	3	CSCI 110	Intro Web Dev. or DSGN 225
CIS 150	Programming C++	4		IT Concentration
CIS 155	Linux Networking I	4		Elective
CIS 161	C#	4		IT Concentration
CIS 165	Java Programming	4		IT Concentration
CIS 191	Computer Operations	3	CBFN 105	Computer Essentials
CIS 192	Microsoft Workstation Tech	3		Elective
CIS 193	Microsoft Server Technology	3		Elective
CIS 194	IT Security Fundamentals	3		Elective
CIS 195	Networking Essentials	3	CBFN 315	Fund. of Comp Network
CIS 201	Workplace Technologies	3		Elective
CIS 202	Mobile Application Programming	3		Elective
CIS 255	Linux Networking II	4		Elective
CIS 265	Java Programming II	3	CSCI 205	Intermediate Programming
CIS 284	Microsoft Infrastructure Tech	3		Elective
CIS 285	Microsoft Directory Serv. Tech	3		Elective
CIS 290	Information Technology Intern	1-4		Elective

CRIMINAL JUSTICE (CJT)				
CJT 130	Principles of Criminal Justice	3	CRJU 111	Intro to Criminal Justice
CJT 134	Criminal Law	3	CRJU 155	Criminal Law
CJT 136	Juvenile Delinquency Principles	3	CRJU 127	Juvenile Delinquency
CJT 140	Constitutional Law	3		Criminal Justice Elective
CJT 220	Law Enforcement in AM. Society	3		Criminal Justice Elective
CJT 230	Corrections	3	CRJU 223	Corrections
CJT 240	Criminal Evidence & Procedure	3	CRJU 221	Criminal Evidence
CJT 242	Probation & Parole	3		Criminal Justice Elective
CJT 244	Criminal Investigation	4	CRJU 217	Criminal Investigation
CJT 246	Technical Skills for Offices	3		Elective
CJT 252	Seminar in Criminal Justice	3		Criminal Justice Elective
CJT 281	Vehicle Patrol/Traffic Enforce.	4		Elective
CJT 282	Firearms/Driving	4		Elective
CJT 283	Defensive Tactics/Physical Fitness	3		Elective
CJT 284	Human Conditions	4	ESCI 234	Community First Aid & CPR
CJT 289	Special Topics for CJ Prof.	1		Criminal Justice Elective
CJT 290	Criminal Justice Practicum	4		Criminal Justice Elective
CYBERSECURITY (CYB)				
CYB 190	Intro to Programming	3	CSCI 105	Intro to Programming
CYB 210	Cybersecurity Programming	3	DFS 205	Computer Security Fund.
CYB 220	Security Auditing	3		Elective
CYB 230	Network Security	3	DFS 205	Computer Security Fund.
DATABASE PROGRAMMING (DBP)				
DBP 100	ICDL Computer Technologies	1		Elective
DBP 130	IT Customer Service & Comm.	2		Elective
DBP 150	Database Basics	3		Elective
DBP 205	Discrete Structures	3	CSCI 310	Discrete Data Structures
DBP 210	Computer Programming I	3	CSCI 105	Intro to Programming
DBP 220	Database Reporting	3		Elective
DBP 225	Computer Programming II	3	CSCI 105, 205	or Major Elective
EARLY CHILDHOOD (ECD)				
ECD 150	Infant & Toddler Development	3		Elective
ECD 190	Fundamentals of Early Childhood	3		Elective
ECD 270	Special Topics in Early Childhood	3		Elective
ECD 280	Child Care Field Experience	3		Elective
ECD 290	Pre-Kindergarten Practicum	3		Elective
ECONOMICS (ECO)				
ECO 211	Macroeconomics	3	ECON 205	Macroeconomics
ECO 212	Microeconomics	3	ECON 201	Microeconomics
EDUCATION-PARAPROFESSIONAL (EDP)				
EDP 160	Intro to Paraprofessional ED	4		Elective
EDP 290	Paraprofessional Internship	2		Elective
EDUCATION (EDU)				
EDU 100	Introduction to Teaching	2	EDUC 221	Foundations of Education
EDU 120	Guidance & Classroom Mgmt.	3		Elective

EDU 140	Strategies for Teaching Reading	3		Elective
EDU 150	Child Development I	3	PSY 225	Infancy & Childhood
EDU 210	Creative Arts Curriculum	3	EDUC 235	Expressive Arts
EDU 220	Special Education	3	EDUC 228	Exceptional Student
EDU 230	Family, School & Community	2	EDUC 240	Family, School & Comm.
EDU 240	Educational Psychology	3	EDUC 229	Educational Psychology
EDU 250	Education Seminar	2		Elective
EDU 260	Instructional Technology	3	EDUC 202	Instructional Technology
EDUC 270	Cultural & Linguistic Diversity	3		Elective
ELECTRICAL ENGINEERING TECHNOLOGY (EET)				
EET 107	Python Programming	3	CSCI 105	Intro to Programming
EET 121	DC Circuits	3		Elective
EET 122	AC Circuits	3		Elective
EET 132	Discrete Structures	3		Elective
EET 221	Digital Circuits	3		Elective
EET 231	Microprocessors	4		Elective
EET 240	Engineering Programming	3		Elective
EET 272	Networking I	3		Elective
EET 277	Industrial Electronics	3		Elective
EET 282	Networking II	3		Elective
EET 289	Systems Integration	3		Elective
EMERGENCY MEDICAL TEC (EMT)				
EMS 102	EMT Basic I	4		Elective
EMS 103	EMT Basic II	3		Elective
EMS 202	EMT Advanced	5		Elective
EMS 203	EMT Advanced II	3		Elective
ENGLISH and COMMUNICATIONS (ENG)				
ENG 099	Writing Skills Workshop	0		No Credit (Remedial)
ENG 111	Composition I	3	ENGL 125	Composition I
ENG 112	Composition II	3	ENGL 225	Composition II
ENG 113	Speech	3	COMM 120	Intro Human Comm.
ENG 210	Technical Communications	3	ENGL 265	Technical Writing
ENG 214	Discussion & Conference Method	3	COMM 120	Intro Human Comm.
ENG 217	Intro to Creative Writing	3	ENGL 275	Creative Writing
ENG 223	Interpretation of Literature	3	ENGL 220	Topics in Literature
ENG 230	Children's Literature	3	ENGL 220	Topics in Literature
ENG 240	Intro to Poetry	3	ENGL 220	Topics in Literature
ENG 241	Intro to Fiction	3	ENGL 220	Topics in Literature
ENG 250	American Lit Through Mid 19th	3	ENGL 220	Topics in Literature
ENG 251	American Lit Since Mid 19th Cent.	3	ENGL 220	Topics in Literature
ENG 260	British Lit through 18th Century	3	ENGL 220	Topics in Literature
ENG 261	British Lit 19th Century to Present	3	ENGL 220	Topics in Literature
GEOGRAPHY (GEO)*				
GEO 110	World Geography	3	GEOG 232	World Geography
GEO 210	Geography of US & Canada	3	GEOG 231	Geography of the Americas
*Acceptable for GLST 100 World Issues if the student would not be considered a first-time incoming freshman to DC				
GENERAL STUDIES (GSD)				

GSD 100	Success Seminar	1	FYE 100	College Engagement Sem.
GSD 120	Career & Life Planning	3	GEN 200	Career Exploration
HISTORY (HIS)				
HIS 101	US History Pre-1876	3	HIST 201	US History to 1877
HIST 102	US History Post-1876	3	HIST 202	US History Since 1877
HIS 203	US Since 1945	3	HIST 205	The 20th Century World
HIS 210	The Modern World	3	GLST 100	World Issues or HPM GEN ED
BEGINNING WESTERN/ENGLISH HORSEMANSHIP (HPF)				
HPF 106	Beginning Western/English	1		Elective
HPF 107	Intermediate Rider	1		Elective
HPF 108	Advanced Rider	1		Elective
HUMAN SERVICES (HST)				
HST 101	Principles of Human Services	3	SWK 121	Intro Social Work
HST 105	Cultural Competence	3	SWK 265	Cultural Diversity
HST 108	Prin. of Dev. Disabilities	3		Elective
HST 112	Group Work in Human Services	3		Elective
HST 208	Interviewing Technologies	3		Elective
HST 210	Human Services Methods	6		Elective
HST 212	Principles of Addiction	3		Elective
HST 214	Human Service Case Management	3		Elective
HST 222	Ethics in the Helping Professions	3	REL 321	Ethics & Morals
HST 230	Intro to Social Welfare	3	SWK 235	Social Problems
HST 240	Social Problems	3	SWK 235	Social Problems
HST 242	Marriage & Family	3	SWK 239	Marriage & Family
HST 280	Special Prob. in Human Services I	1-6		Elective
HST 282	Special Prob. in Human Services II	1-6		Elective
HST 290	Practicum I	6		Elective*

*Student may be eligible for a waiver of Junior Field Placement at Defiance College upon individual review of the student's record

HUMANITIES (HUM)				
HUM 209	Cultures: Ancient & Medieval	3	HIST 207	Ages of Empires
HUM 210	Cultures: Renaissance to Present	3	GLST 110	World Issues
HUM 221	Music Appreciation	3	MUS 110	Intro to Music
HUM 230	Art Appreciation	3	ART 210	Art Appreciation
INDUSTRY (IND)				
IND 100	Industry Management	3		Elective
IND 103	Applied Geometry and Trig	3		Math GEN ED
IND 105	Industrial Safety	2		Elective
IND 107	Print Reading and Sketching	3		Elective
IND 110	Industrial Computing I	3		Elective
IND 120	Industrial Electricity I	3		Elective
IND 121	Industrial Electricity II	3		Elective
IND 122	Industrial Wiring (NEC)	3		Elective
IND 130	Rigging and Erecting	2		Elective

IND 131	Industrial Pipefitting	3		Elective
IND 132	Bench Work	2		Elective
IND	Industrial Fluid Power I	3		Elective
IND 140	Principles of Machining	3		Elective
IND 141	Metallurgy and Heat Treatment	2		Elective
IND 220	Electrical Prints	3		Elective
IND 221	Instrumentation/Controls I	3		Elective
IND 223	Motors and Motor Controls	3		Elective
IND 232	Machine Repair	3		Elective
IND 234	Industrial Fluid Power II	3		Elective
IND 240	Machining Process II	3		Elective
IND 241	Tooling and Fixtures-Lubricants	3		Elective
IND 250	Capstone Project (CNC)	3		Elective
IND 290	Industrial Tech Internship	1-4		Elective
MEDICAL ASSISTING (MEA)				
MEA 110	Pharmacology for Allied Health	3	ESCI 330	Pharmacology
All other courses at the 100-level and above		1-6		Elective
MANAGEMENT (MGT)				
MGT 110	Management	3	MGT 240	Principles of Management
MGT 120	Supervision	3		Elective
MGT 121	Entrepreneurship I	3		Elective
MGT 210	Human Resource Management	3	MGT 332	Human Resource Mgmt.
MGT 221	Entrepreneurship II	3	MGT 485	Small Business Mgmt.
MGT 230	Retail Management	3	MKT 344	Retail Management
MGT 280	Business Climate Analysis	3		Elective
MGT 290	Business Management Internship	3		Elective
MARKETING (MKT)				
MKT 110	Marketing	3	MKT 240	Principles of Marketing
MKT 210	Advertising	3	MKT 341	Integrated Mktg. Comm.
MKT 230	Salesmanship	3	MKT 348	Sales Mgt & Prof. Selling
MATHEMATICS (MTH)				
MTH 050	Basic Mathematics	0		No Credit (Developmental)
MTH 080	Review of Beginning Algebra	0		No Credit (Developmental)
MTH 085	Math Literacy	0		No Credit (Developmental)
MTH 090	Intermediate Algebra	0		No Credit (Developmental)
MTH 099	Engineering Math	0		No Credit (Developmental)
MTH 105	Quantitative Reasoning	3	MATH 105	Quantitative Reasoning
MTH 109	College Algebra	3	MATH 110	College Algebra
MTH 112	Trigonometry	3	MATH 113	Trigonometry
MTH 109 +MTH 112	College Algebra + Trigonometry	3+3	MATH 114	Precalculus
MTH 151	Mathematics Review for Calculus	1		Elective
MTH 170	Survey of Mathematics	3	EDUC 317/320	Principles of Math
MTH 213	Calculus I	5	MATH 201	Calculus I
MTH 214	Calculus II	5	MATH 202	Calculus II
MECHANICAL ENGINEERING TECHNOLOGIES (MET)				
MET 099	Industrial Math	0		No Credit (Developmental)

All other courses at the 100-level and above		2-4		Elective
NURSING (NRS)				
NRS 100	Nurse Aide Certificate	4	NRS 101	Nurse Aid Certification
NRS 133	CPR	1	ESCI 234	CPR/First Aid
NRS 144	Pharmacology	2	ESCI 330	Pharmacology
All other NRS courses at the 100-level and above				Elective
OFFICE ADMINISTRATIVE SERVICES (OAS)				
OAS 090	Keyboarding Basics	0		No Credit (Developmental)
OAS 180	Medical Terminology	3	BIO/ESCI 220	Medical Terminology
All other courses at the 100-level and above		1-4		Elective
PARALEGEL (PAR)				
All courses at the 100-level and above		1-3		Elective
PLASTICS (PET)				
All courses at the 100-level and above				Elective
PHILOSOPHY, ETHICS, LOGIC, RELIGION (PHI)				
PHI 110	Critical Thinking & Logic	3		HPM GEN ED
PHI 201	Intro to Philosophy	3		HPM GEN ED
PHI 210	Ethics	3	REL 321	Ethics & Morals
PHI 230	World Religions	3	REL 201	Approaches to Religion
PHYSICAL SCIENCE (PHY)				
PHY 100	The World of Science	3		Elective (no lab)
PHY 101	Principles of Physical Science	4	PHYS 100	Intro to Physical Science
PHY 140	Astronomy	4	NSCI 200	Earth in Cosmos
PHY 150	Principles of Geology	4	PHYS 202	Intro to Geology
PHY 251	Physics: Mechanics & Heat	4	PHYS 210	General Physics I
PHY 252	Physics: Electricity & Magnetism	4	PHYS 220	General Physics II
PROGRAMMABLE LOGIC CONTROLLERS (PLC)				
PRACTICAL NURSING PROGRAM (PNE)				
All courses at the 100-level and above				Elective
PSYCHOLOGY (PSY)				
PSY 110	General Psychology	3	PSY 110	Intro to Psychology
PSY 210	Abnormal Psychology	3	PSY/SWK 280	Abnormal Psychology
PSY 220	Social Psychology	3	PSY 260	Social Psychology
PSY 230	Human Growth & Development	3	PSY 225 & 227	Infancy/Adolescent Psych
QUALITY CONTROL TECHNOLOGY (QCT)				
REAL ESTATE (REA)				
All courses at the 100-level and above				Elective
SUPPLY CHAIN MANAGEMENT (SCM)				
SCM 200	Supply Chain Management	3		Elective

SCM 210	Purchasing & Materials Mgmt.	3		Elective
SCM 220	Operations Management	3	MGT 365	Operations Management
SCM 230	Physical Distribution & Logistics	3		Elective
SPANISH (SPN)				
SPN 111	Spanish I	4	LANG 101	Conversational Spanish I
SPN 112	Spanish II	4	LANG 102	Conversational Spanish II
SOCIAL SCIENCES (SSC)				
SSC 101	Sociology	3	SOC 120	Life in Society
SSC 120	American Government	3	POL 237	American Gov. & Politics
SSC 130	Comparative Government	3	GLST 100	World Issues
SSC 210	Cultural Diversity	3	SWK 265	Cultural Diversity
STATISTICS (STA)				
STA 120*	Intro to Statistics	3	PSY 230/BUS 212	Statistics
STA 222	Business Statistics	3	BUS 212	Business Statistics
*Credit for STA 120 will be given to either PSY 230 or BUS 212 depending on the student's major at Defiance College				
VISUAL COMMUNICATIONS (VCT)				
VCT 103	Intro to Visual Communications	3	DSGN 114	Intro to Graphic Design
VCT 111	Layout & Design	3	DSGN 205	Page Layout
VCT 120	Vector Graphics	3	DSGN 107	Digital Illustration
VCT 182	Photography	3	ART 215	Digital Photography
VCT 204	Concept of Visual Comm.	3	DSGN 230	History of Design
VCT 210	Essentials of Social Media	3		Elective
VCT 261	3D Computer Modeling	3		Elective
VCT 266	Multimedia Production	3	COMM 260	Digital Media Prod.
VCT 268	Video Production	3	COMM 240	Interactive Media
VCT 289	VCT Co-op Experience	3	DSGN 491	Design Internship
WELDING (WLD)				
All courses at 100-level and above				Elective
*NOTE: All apprenticeship courses (INT, ITR, JAT, JOU, RTI) at the 100-level and above will be transferred as open electives				