OFFICE OF THE REGISTRAR THE DEFIANCE COLLEGE



2024-25 Rhodes State College Transfer Guide¹

| Rhodes State (| Course | Credit | Defiance Colle | ege Equivalent |
|---|--|-------------------|----------------|--------------------------------|
| ACCOUNTING | (ACC) | | | |
| ACC 1010 | Corporate Accounting Principles | 4 | ACCT 221 | Financial Accounting |
| ACC 1020 | Managerial Accounting Prin. | 4 | ACCT 222 | Managerial Accounting |
| ACC 1050 | Accounting Software | 2 | Elective | |
| ACC 1121 | Payroll Accounting | 2 | Elective | |
| ACC 1440 | Governmental/Non Profit | 3 | ACCT 420 | Governmental/Non-Profit |
| ACC 2010 | Intermediate Acct. I | 4 | ACCT 321 | Intermediate Accounting I |
| ACC 2020 | Intermediate Acct. II | 4 | ACCT 322 | Intermediate Accounting II |
| ACC 2111 | Cost Accounting | 4 | ACCT 330 | Cost Management (3) |
| ACC 2250 | Prin. Federal Income Tax | 2 | Elective | - |
| ACC 2290 | Intermediate Income Tax ² | 2 | ACCT 340 | Federal Taxation |
| Acc2300 | Auditing | 4 | Elective | |
| ACC 2401 | Special Studies in Accounting | 2 | Elective | |
| ACC 2991 | Accounting Practicum | 2 | Elective | |
| ACC 2992 | Accounting Seminar | 1 | Elective | |
| Administrative Office Technology (AOT) Advanced Manufacturing Tech (AMT) Agriculture (AGR) American Sign Language (ASL) Anthropology (ANT) Associate Tech Studies (ATS) All 1000-level courses and above will transfer as open electives. | | | | |
| Basic Busines | s (BUS) | | | |
| BUS 2100 | Business Law | 3 | BUS 363 | Business Law and Legal Process |
| | courses and above will transfer as open | electives. | | |
| Basic Health S | iciences (BHS) | | | |
| BHS 1140 | State Tested Nurse Aide | 5 | NRS 101 | STNA |
| BHS 1320 | CPR and First Aid | 1 | ESCI 234 | CPR/First Aid |
| BHS 1390 | Medical Terminology | 2 | BIO/ESCI 220 | Medical Terminology |
| All other 1000 |)-level courses and above will transfer as | s open electives. | | |
| Biology (BIO) | | | | |
| BIO 0900 | Introductory A+P | 0 | No Credit (De | velopmental) |

¹ This document was last updated July 25, 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.

² Must take both ACC 2250 and 2290 to receive credit for ACCT 340 Federal Taxation at Defiance College.

| BIO 1000 | Basic Human Structure and Function | 3 | BIO 229 | Essentials of A+P |
|------------------|------------------------------------|-----|---------------|---------------------|
| BIO 1090 | Concepts in Biology | 4 | BIO 113 | Env. Around Us |
| BIO 1110 | Anatomy and Physiology I | 4 | BIO 235 | A+P I |
| BIO 1120 | Anatomy and Physiology II | 4 | BIO 236 | A+P II |
| BIO 1210 | Biology I | 4 | BIO 120 | |
| BIO 1220 | Biology II | 4 | BIO 129 | |
| BIO 1310 | Environmental Science I | 3 | BIO 222 | 3 Credits |
| BIO 1400 | Microbiology | 4 | Elective | |
| BIO 1990 | Independent Study | 1-5 | Elective | |
| BIO 2121 | Intro to Human Genetics | 4 | Elective | |
| BIO 2820 | Associate of Science Capstone | 1 | Elective | |
| | | | | |
| <u>Chemistry</u> | | | | |
| CHM 0960 | Introductory Science | 0 | No Credit (De | evelopmental) |
| CHM 1110 | Introductory General Chemistry | 4 | CHEM 123 | General Chemistry I |
| CHM 1120 | Introductory Organic and Biochem | 1 | CHEM 112 | Chem Around Us |

| CHM 1120 | Introductory Organic and Biochem | 4 | CHEM 113 | Chem. Around Us |
|----------|----------------------------------|---|----------|----------------------|
| CHM 1210 | General Chemistry II | 4 | CHEM 124 | General Chemistry II |
| CHM 1310 | Organic Chemistry I | 5 | CHEM 233 | Organic Chemistry I |
| CHM 1320 | Organic Chemistry II | 5 | CHEM 234 | Organic Chemistry II |
| | | | | |

Civil Engineering Technology (CET)

All 1000-level courses and above will transfer as open electives.

Communications (COM)

| COM 0950 | College Reading | 0 | No Credit (De | evelopmental) |
|----------------|--------------------------------|-----|---------------|------------------------------|
| COM 0980 | Developmental Writing | 0 | No Credit (De | evelopmental) |
| COM 0990 | Integrated Reading and Writing | 0 | No Credit (De | evelopmental) |
| COM 1110 | English Composition | 3 | ENGL 125 | Composition I |
| COM 1140 | Technical Writing | 3 | ENGL 265 | Technical Writing |
| COM 1160 | Business Communications | 3 | BUS 228 | Business Communication |
| COM 1170 | Police Communications | 3 | ENGL 225 | Composition II |
| COM 1200 | Writing in the Sciences | 3 | ENGL 225 | Composition II |
| COM 1801 | Creative Writing: Fiction | 3 | ENGL 275 | Creative Writing |
| COM 1980 | Research and Writing | 1 | Elective | |
| COM 1990 | Independent Study | 1 | Elective | |
| COM 2110 | Public Speaking | 3 | COMM 120 | Intro to Human Comm (Speech) |
| COM 2213 | Verbal Judo | 3 | Elective | |
| COM 2400 | Composition and Literature | 3 | ENGL 225 | Composition II |
| COM 2820 | AA Capstone | 1 | Elective | |
| COM 3110 | Advanced Composition | 3 | ENGL 270 | Advanced Composition |
| | | | | |
| Corrections (C | COR) | | | |
| COR 1160 | Correctional Tactics | 3 | CJ Major Elec | tive |
| COR 2150 | Corrections Capstone | 1 | Elective | |
| COR 2230 | Probation and Parole | 3 | CJ Major Elec | tive |
| COM 2500 | Practicum | 1-2 | Elective | |

Practicum1-2Case Management and Counseling4Correctional Supervision4Special Needs Clients4

Elective CJ Major Elective CRJU 223 Intro to Corrections

CJ Major Elective

<u>Culinary Arts (CUL)</u> <u>Dental Assisting (DAS)</u> <u>Dental Hygiene (DHY)</u>

COR 2570

COR 2600

COR 2720

All 1000-level courses and above will transfer as open electives.

| Economics (E | CN) | | | | | |
|--|---|-----------------|----------|--------------------------------|--|--|
| ECN 1410 | Macroeconomics | 3 | ECON 205 | Macroeconomics | | |
| ECN 1430 | Microeconomics | 3 | ECON 201 | Microeconomics | | |
| | | | | | | |
| Education (ED | <u>PU)</u> | | | | | |
| EDU 1000 | Intro to Education | 3 | EDUC 221 | Foundations of Education | | |
| EDU 1040 | Phonics-Foundation of Literacy | 3 | EDUC 307 | Phonics and Word Study | | |
| EDU 1080 | Classroom Management | 3 | Elective | | | |
| EDU 1300 | Curriculum, Observation, Assessment | 3 | EDUC 420 | Standardized Assessment | | |
| EDU 2000 | Psychology of Childhood | 3 | PSY 225 | Infancy and Childhood | | |
| EDU 2020 | Literature for Children | 3 | Elective | | | |
| EDU 2030 | Individuals with Exceptionalities | 3 | EDUC 228 | Educating Exceptional Students | | |
| EDU 2040 | Administration and Health Mgmt. | 3 | Elective | | | |
| EDU 2130 | Families, Communities and Schools | 3 | EDUC 240 | Family, School, Comm. Collab. | | |
| EDU 2200 | Special Topics | 3 | Elective | | | |
| EDU 2210 | Infant and Toddler Environments | 3 | Elective | | | |
| EDU 2991 | Practicum | 2 | Elective | | | |
| EDU 2992 | Practicum Seminar | 2 | Elective | | | |
| Emergency M Environmenta ESports Mana All 1000-level | Electronic Engineering Tech (EET) Emergency Medical Services (EMS) Environmental, Health and Safety (ENV) ESports Management and Coaching (ESP) All 1000-level courses and above will transfer as open electives. | | | | | |
| Financial Serv | | 2 | | | | |
| FIN 2400 | Corporate Finance | 3 | BUS 350 | Business Finance | | |
| All other 1000 |)-level courses and above will transfer as (| open electives. | | | | |
| Food Science | Technology (FST) | | | | | |
| General Allied | Health (GAH) | | | | | |
| General Engir | eering Technology (GET) | | | | | |
| All 1000-level | courses and above will transfer as open e | electives. | | | | |
| | | | | | | |
| <u>Geology (GLG</u> | | _ | | | | |
| GLG 1000 | Physical Geology | 4 | NSCI 200 | Earth in the Cosmos | | |
| GLG 1004 | Historical Geology | 4 | NSCI 200 | Earth in the Cosmos | | |
| <u>German (GER)</u> All 1000-level courses and above will transfer as open electives. | | | | | | |
| <u>History (HST)</u> | | | | | | |
| HST 1011 | Western Civilization I | 3 | HIST 207 | Ages of Empires | | |
| HST 1012 | Western Civilization II | 3 | HIST 204 | Europe: Renaissance-Present | | |
| HST 1011 | World Civilization I | 3 | HIST 295 | Special Topics | | |
| HST 1012 | World Civilization II | 3 | HIST 295 | Special Topics | | |
| HST 1610 | American History to 1877 | 3 | HIST 201 | US History I | | |
| HST 1620 | American History Since 1877 | 3 | HIST 202 | US History II | | |
| HST 2300 | Technology and Civilization | 3 | HIST 295 | Special Topics | | |
| HST 2510 | History of Latin America | 3 | HIST 295 | Special Topics | | |
| HST 2521 | Women in World History | 3 | HIST 295 | Special Topics | | |
| | | | | | | |

| <u>Human Servic</u> | es (HUM) | | | |
|---------------------|--|-----------|----------|----------------------|
| HUM 1111 | Intro to Social Work | 3 | SWK 121 | Intro to Social Work |
| HUM 1120 | Society of Aging | 3 | Elective | |
| HUM 1150 | Interviewing | 3 | SWK 278 | Interviewing |
| HUM 1200 | Chemical Dependency | 3 | Elective | |
| HUM 1212 | Social Welfare in the US | 3 | Elective | |
| HUM 1230 | Therapeutic Recreation | 2 | Elective | |
| HUM 1310 | Activity Directing I | 3 | Elective | |
| HUM 1320 | Activity Directing II | 3 | Elective | |
| HUM 1350 | Developmental Disabilities | 3 | Elective | |
| HUM 1601 | ASL I | 4 | Elective | |
| HUM 1602 | ASL II | 3 | Elective | |
| HUM 1603 | ASL III | 3 | Elective | |
| HUM 1604 | ASL IV | 3 | Elective | |
| HUM 1990 | Independent Study | 1-3 | Elective | |
| HUM 2000 | Special Topics | 1-3 | Elective | |
| HUM 2090 | Community Resources | 2 | Elective | |
| HUM 2100 | Case Management | 3 | Elective | |
| HUM 2170 | Dynamics of Mental Illness | 3 | Elective | |
| HUM 2190 | Chemical Dependency in Family | 2 | Elective | |
| HUM 2230 | Issues and Ethics in Helping | 3 | Elective | |
| HUM 2310 | Group Dynamics/Intervention | 3 | Elective | |
| HUM 2400 | Crisis Management | 3 | Elective | |
| HUM 2500 | Observation/Community Service | 2 | Elective | |
| HUM 2991 | Practicum I | 2 | Elective | |
| HUM 2992 | Practicum II | 2 | Elective | |
| All 1000 loval | courses and above will transfer as one | alactivas | | |

All 1000-level courses and above will transfer as open electives.

Industrial Manufacturing Technology (IMT)

All 1000-level courses and above will transfer as open electives.

Information Technology (CPT)

| CPT 1050 | Technology Basics for IT Pro | 3 | CSCI 110 | Intro to Web Development |
|----------|------------------------------------|---|----------------|----------------------------------|
| CPT 1110 | Intro to Programming Logic/Design | 3 | CSCI 105 | Introductory Programming |
| CPT 1120 | Intro to VB Programming | 3 | CSCI 105 | Introductory Programming |
| CPT 1580 | Intro to Graphic Design and Layout | 3 | DSGN 114 | Intro to Graphic Design |
| CPT 1605 | IT Essentials | 3 | CBFN 105 | Computer Essentials |
| CPT 1820 | ASP.NET Programming | 3 | CSCI 110 | Intro to Web Development |
| CPT 1850 | Webpage Layout and Design | 3 | CSCI 110 | Intro to Web Development |
| CPT 1950 | Security Awareness | 3 | CBFN 205 | Security Fundamentals |
| CPT 2070 | Educational Technology | 3 | EDUC 202 | Instructional Technology |
| CPT 2130 | Javascript Programming | 3 | CSCI 105 or 12 | 10 Intro Prog. or Intro Web Dev. |
| CPT 2350 | Database Programming | 3 | CSCI 295 | Topics in Computer Science |
| CPT 2715 | Cisco IV | 3 | CBFN 315 | Fund. of Computer Networks |
| | | | | |

All other 1000-level courses and above will transfer as open electives.

Law Enforcement (LAW)

| LAW 1130 | Intro to Criminal Justice | 3 | CRJU 111 | Intro to Criminal Justice |
|----------|---------------------------|-----|-------------------|---------------------------|
| LAW 1210 | Criminology | 3 | CJ Major Elective | |
| LAW 1540 | Constitutional Issues | 3 | CJ Major Elective | |
| LAW 1990 | Independent Study | 1-5 | Elective | |
| LAW 2020 | Criminal Law | 3 | CRJU 155 | Criminal Law |

| LAW 2040 | Criminal Evidence and Procedure | 3 | CRJU 221 | Criminal Evidence & Procedure |
|----------|---------------------------------|-----|---------------|-------------------------------|
| LAW 2050 | Traffic Enforcement | 3 | CJ Major Elec | ctive |
| LAW 2090 | Social Issues in Policing | 3 | CRJU 352 | Police-Community Relations |
| LAW 2120 | Criminal Investigation | 4 | CRJU 217 | Criminal Investigation |
| LAW 2200 | Juvenile Delinquency | 3 | CRJU 127 | Juvenile Delinquency |
| LAW 2500 | Law Enforcement Practicum | 1-2 | Elective | |
| LAW 2530 | Patrol Administration | 3 | CJ Major Elec | ctive |
| LAW 2800 | Basic Police Academy | 22 | CJ Major Elec | ctive |
| LAW 2810 | Basic Police Academy | 11 | CJ Major Elec | ctive |
| LAW 2820 | Basic Police Academy | 11 | CJ Major Elec | ctive |
| | | | | |

All other 1000-level courses and above will transfer as open electives.

| Literature (LIT) | | | | |
|------------------|----------------------------------|-----|----------|--------------------------|
| LIT 1450 | Intro to Film | 3 | COMM 130 | Intro to Film |
| LIT 2210 | Intro to Literature | 3 | ENGL 220 | Topics in Literature |
| LIT 2215 | Native American Literature | 3 | ENGL 220 | Topics in Literature |
| LIT 2227 | Literature of Graphic Novels | 3 | ENGL 220 | Topics in Literature |
| LIT 2228 | African-American Literature | 3 | ENGL 220 | Topics in Literature |
| LIT 2241 | World Literature I | 3 | ENGL 220 | Topics in Literature |
| LIT 2242 | World Literature II | 3 | ENGL 220 | Topics in Literature |
| LIT 2250 | American Short Story | 3 | ENGL 220 | Topics in Literature |
| LIT 2260 | Fantasy Literature | 3 | ENGL 220 | Topics in Literature |
| LIT 2301 | British Literature I | 3 | ENGL 255 | British Literature |
| LIT 2305 | Intro to Shakespeare | 3 | ENGL 225 | Shakespeare |
| LIT 2310 | Literature and the Holocaust | 3 | ENGL 220 | Topics in Literature |
| LIT 2450 | Themes in Literature and Film | 3 | ENGL 220 | Topics in Literature |
| | | | | |
| Management (| | 2 | | |
| MGT 1010 | Principles of Management | 3 | MGT 240 | Principles of Management |
| MGT 1050 | Principles of Entrepreneurship | 3 | Elective | |
| MGT 1250 | Team Building | 3 | Elective | |
| MGT 1990 | Independent Study | 1-3 | Elective | |
| MGT 2000 | Human Resource Management | 3 | MGT 332 | Human Resource Mgmt. |
| MGT 2010 | Organizational Behavior | 3 | MGT 331 | Organizational Behavior |
| MGT 2060 | Employee and Labor Relations | 3 | Elective | |
| MGT 2410 | Employee Selection and Placement | 3 | Elective | |
| MGT 2435 | Benefits and Compensation | 3 | Elective | |
| MGT 2440 | Training, Development and Safety | 3 | Elective | |
| MGT 2490 | Applications in Business Admin. | 2 | Elective | |
| MGT 2530 | Application in Human Resources | 2 | Elective | |
| MGT 2991 | Practicum | 1 | Elective | |
| MGT 2992 | Seminar | 1 | Elective | |

Manufacturing Engineering Tech (FMS)

All 1000-level courses and above will transfer as open electives.

Marketing (MKT)

| MKT 1010 | Principles of Marketing | 3 | MKT 240 | Principles of Marketing |
|----------|---------------------------------|---|---------|-------------------------|
| MKT 1610 | Customer Service | 3 | MKT 295 | Special Topics |
| MKT 1620 | Public Relations | 1 | MKT 295 | Special Topics |
| MKT 1630 | Mobile Marketing | 1 | MKT 295 | Special Topics |
| MKT 2000 | Digital Marketing | 3 | MKT 295 | Special Topics |
| MKT 2110 | Advertising and Sales Promotion | 3 | MKT 295 | Special Topics |

| MKT 2210 | Comprehensive Sales Technique | 3 | MKT 348 | Sales Management | |
|----------------------|---|-------------------|---------------|------------------------------|--|
| MKT 2300 | Social Media/Mobile Marketing | 3 | MKT 295 | Special Topics | |
| MKT 2490 | Applications in Digital Marketing | 2 | MKT 295 | Special Topics | |
| | (* ****) | | | | |
| Mathematics | | • | | | |
| MTH 0900 | Mathematics Foundations | 0 | No Credit (De | velopmental) | |
| Through | - | - | - | | |
| MTH 0953 | Foundations for College Algebra | 0 | No Credit (De | • | |
| MTH 1100 | Math of Business | 3 | MATH 105 | Quantitative Reasoning | |
| MTH 1151 | Quantitative Reasoning | 3 | MATH 105 | Quantitative Reasoning | |
| MTH 1190 | Finite Mathematics/Business | 3 | MATH 105 | Quantitative Reasoning | |
| MTH 1210 | Mathematics I | 3 | MATH 105 | Quantitative Reasoning | |
| MTH 1260 | Statistics ³ | 3 | BUS 212 | Business Statistics | |
| | | | PSY 230 | Behavioral Statistics | |
| MTH 1370 | College Algebra | 4 | MATH 110 | College Algebra | |
| MTH 1430 | Trigonometry | 3 | MATH 113 | Trigonometry | |
| MTH 1611 | Business Calculus | 5 | MATH 201 | Calculus I | |
| MTH 1711 | Calculus I | 5 | MATH 201 | Calculus I | |
| MTH 1721 | Calculus II | 5 | MATH 202 | Calculus II | |
| MTH 2261 | Discrete Mathematics | 3 | Elective | | |
| MTH 2660 | Calculus III | 4 | MATH 203 | Calculus III | |
| MTH 2670 | Differential Equations | 4 | MATH 310 | Differential Equations | |
| MTH 2680 | Elementary Linear Algebra | 4 | MATH 301 | Linear Algebra | |
| Machanical | | | | | |
| | ngineering Tech (MET) courses and above will transfer as open | alactivas | | | |
| All 1000-level | courses and above win transfer as open | electives. | | | |
| <u>Music (MUS)</u> | | | | | |
| MUS 1010 | Music Appreciation I | 3 | MUS 110 | Intro to Western Music | |
| | | | | | |
| | ting Technology (MAT) | | | | |
| Nursing (NSG) | _ | | | | |
| | Food Management (DTN) | | | | |
| | Therapy Assistant (OTA) | | | | |
| All 1000-level | courses and above will transfer as open | electives. | | | |
| Operations Ex | cellence Technology (OET) | | | | |
| OET 1100 | Operations Management | 3 | MGT 365 | Operations Management | |
| | D-level courses and above will transfer as | | 10101 303 | Operations Management | |
| All other 1000 | | s open electives. | | | |
| Paralegal (LEC | 5) | | | | |
| LEG 1190 | Criminal Law | 2 | CRJU 155 | Criminal Law | |
| All other 1000 |)-level courses and above will transfer a | s open electives. | | | |
| | | | | | |
| <u>Philosophy (P</u> | | | | | |
| All 1000-level | All 1000-level courses and above will transfer as open electives. | | | | |
| Dhysical Them | point Assisting (DTA) | | | | |
| - | apist Assisting (PTA) | 2 | | Intro to Alliad Lissith | |
| PTA 1100 | Intro to Physical Therapy | 3 3 | ESCI 100 | Intro to Allied Health | |
| PTA 1220 | Kinesiology | | ESCI 356 | Kinesiology and Biomechanics | |
| An other 1000 |)-level courses and above will transfer a | s open electives. | | | |

³ The course will be evaluated as BUS 212 if the student is a business major, and PSY 230 for all other majors.

| Physics (PHY) | | | | |
|---|------------------------------|--------|-------------|------------------------|
| PHY 1120 | Physics I | 4 | PHYS 210 | Physics I |
| PHY 1130 | Physics II | 4 | PHYS 220 | Physics II |
| PHY 1220 | Physics I - Calculus Based | 3 | PHYS 295 | Special Topics |
| PHY 1230 | Physics I - Calculus Based | 3 | PHYS 295 | Special Topics |
| | | | | |
| Political Science (POL) | | | | |
| POL 1010 | Intro to Political Science | 3 | POL 237 | American Government |
| Dractical Nursi | | | | |
| <u>Practical Nursing (PNS)</u> All 1000-level courses and above will transfer as open electives. | | | | |
| An 1000-level courses and above win transfer as open electives. | | | | |
| Psychology (PSY) | | | | |
| PSY 1010 | General Psychology | 3 | PSY 1010 | Intro to Psychology |
| PSY 1730 | Abnormal Psychology | 3 | PSY/SWK 280 | Abnormal Psychology |
| PSY 2150 | Lifespan Psychology | 3 | PSY 220 | Lifespan Development |
| PSY 2200 | Social Psychology | 3 | PSY 260 | Social Psychology |
| PSY 2301 | Educational Psychology | 3 | EDUC 229 | Educational Psychology |
| | | | | |
| Radiography (RAD) | | | | |
| Real Estate (RST) | | | | |
| Respiratory Care (RES) | | | | |
| All 1000-level courses and above will transfer as open electives. | | | | |
| | | | | |
| Sociology (SOC SOC 1010 | | 2 | SOC 120 | Life in Society |
| SOC 1010 | Sociology Death and Dying | 3 3 | Elective | Life in Society |
| SOC 1200 | Family Sociology | 3 | SWK 239 | Marriage and Family |
| SOC 1210 | American Cultural Diversity | 3 | SWK 265 | Cultural Diversity |
| SOC 2211 | World Religions | | REL 201 | Approaches to Religion |
| | Social Problems | 3 3 | | Social Problems |
| SOC 2300 | Social Problems | 3 | SWK 235 | Social Problems |
| <u>Spanish (SPN)</u> | | | | |
| Student Development Education (SDE) | | | | |
| Surveying (SUR) | | | | |
| All 1000-level courses and above will transfer as open electives. | | | | |
| | | | | |
| <u>Theatre (THR)</u> | | | | |
| THR 1010 | Intro to Theatre | 3 | THEA 295 | Special Topics |
| | | | | |
| Welding (WLD |) | | | |

All 1000-level courses and above will transfer as open electives.