

GENERAL EDUCATION AND OTHER TRANSFER COURSES

North Iowa Area Community College considers education to be the foundation of a democratic society. At the core of the educational experience is general education, an ongoing endeavor that engages students in acquiring the knowledge and tools necessary to understand their environment and contribute to their communities.

Each of NIACC's degree programs provides varying levels of general education skill development through their distribution requirements:

To earn an **Associate in Arts** degree, a student must complete a minimum of 8 semester hours (s.h.) of credit in each of the communication, humanities, social science, and natural science/ mathematics distribution categories listed below plus an additional 8 s.h. of credit selected from any of the aforementioned categories for a total minimum of 40 s.h. of general education credit within the degree program. Within the natural science/mathematics category, a student must select at least one mathematics and one science course.

To earn an **Associate in Science** degree, a student must complete a minimum general education core of 40 s.h. distributed in the following fashion: communication (8 s.h.); humanities and/or social science (8 s.h.); natural science/mathematics (20 s.h.); and distributed requirement (4 s.h.). Within the natural science/mathematics category, a student must select at least one mathematics and one science course.

To earn an **Associate in Science (Business)** degree, a student must complete a minimum general education core of 20 s.h. distributed in the following fashion: communication (8 s.h.); humanities and/or social science (9 s.h.); and natural science/mathematics (3 s.h.).

Listed as follows are the general education courses for the **Associate in Arts, Associate in Science, and Associate in Science (Business)** degrees.

COMMUNICATION

ENGLISH COMPOSITION

ENG-102	Composition & Speech I	4 s.h.
ENG-103	Composition & Speech II	4 s.h.
ENG-105	Composition I	3 s.h.
ENG-106	Composition II	3 s.h.

SPEECH

SPC-111	Public Speaking	2 s.h.
SPC-131	Group Communication	2 s.h.

HUMANITIES

ART

ART-101	Art Appreciation.....	3 s.h.
ART-102	Art for Elementary Education	3 s.h.
ART-115	Graphic Design	3 s.h.

ART-120	Two-Dimensional Design	3 s.h.
ART-133	Drawing	3 s.h.
ART-173	Ceramics	3 s.h.
ART-187	Creative Photography	3 s.h.
ART-188	Creative Photography II	3 s.h.
ART-203	Art History I	3 s.h.
ART-204	Art History II	3 s.h.

DRAMA

DRA-119	Introduction to Theatre-TV-Film	3 s.h.
---------	---------------------------------------	--------

FOREIGN LANGUAGE

FLS-141	Elementary Spanish I	4 s.h.
FLS-142	Elementary Spanish II	4 s.h.
FLS-241	Intermediate Spanish I	4 s.h.
FLS-242	Intermediate Spanish II	4 s.h.
FLS-261	Advanced Spanish I	3 s.h.
FLS-262	Advanced Spanish II	3 s.h.

HISTORY

HIS-112	Western Civilization: Ancient to Early Modern	4 s.h.
HIS-113	Western Civilization: Early Modern to Present	4 s.h.
HIS-151	U.S. History to 1877	3 s.h.
HIS-152	U.S. History since 1877	3 s.h.

HUMANITIES

HUM-115	Encounters in Humanities	2 s.h.
---------	--------------------------------	--------

JOURNALISM

JOU-115	Intro to Journalism	3 s.h.
JOU-121	News Writing & Reporting	3 s.h.

LITERATURE

EDU-235	Children's Literature	3 s.h.
LIT-170	Poetry/Drama	3 s.h.
LIT-160	Short Story/Novel	3 s.h.
LIT-130	African American Literature	3 s.h.
LIT-131	Native American Literature	3 s.h.
LIT-132	Women of Color	3 s.h.
DRA-145	Oral Interpretation	3 s.h.
LIT-150	World Literature I	3 s.h.
LIT-151	World Literature II	3 s.h.

MUSIC

MUS-100	Music Appreciation	3 s.h.
MUS-122	Music Theory I	4 s.h.
MUS-123	Music Theory II	4 s.h.
MUS-140	Concert Choir	1 s.h.
MUS-144	Orchestra	1 s.h.
MUS-145	Concert Band	1 s.h.
MUS-150	Chamber Ensemble	1 s.h.
MUS-152	Voice Ensemble (NIACC Singers)	1 s.h.
MUS-163	Instrumental Jazz Ensemble	1 s.h.
MUS-212	American Musical Heritage	3 s.h.
MUS-222	Music Theory III	4 s.h.
MUS-223	Music Theory IV	4 s.h.
MUA-120	Applied Piano	1 s.h.
MUA-285	Applied Vocal	1-2 s.h.
MUA-286	Applied Flute	1-2 s.h.
MUA-287	Applied Oboe	1-2 s.h.
MUA-288	Applied Clarinet	1-2 s.h.
MUA-289	Applied Bassoon	1-2 s.h.
MUA-290	Applied Saxophone	1-2 s.h.
MUA-291	Applied Trumpet	1-2 s.h.
MUA-292	Applied French Horn	1-2 s.h.
MUA-293	Applied Trombone	1-2 s.h.

MUA-294	Applied Euphonium	1-2 s.h.
MUA-295	Applied Tuba	1-2 s.h.
MUA-296	Applied Percussion	1-2 s.h.
MUA-297	Applied Drum Set.....	1-2 s.h.
MUA-298	Applied Guitar	1-2 s.h.
MUA-299	Applied Piano II.....	1-2 s.h.

PHILOSOPHY/ETHICS

PHI-101	Introduction to Philosophy.....	3 s.h.
PHI-105	Introduction to Ethics	3 s.h.

NATURAL SCIENCE/MATHEMATICS

BIOLOGICAL SCIENCES

BIO-102	Introductory Biology	3 s.h.
BIO-103	Introductory Biology Lab	1 s.h.
BIO-123	Inquiry into Life Science.....	3 s.h.
BIO-151	Nutrition.....	3 s.h.
BIO-152	Health and Nutrition	3 s.h.
BIO-157	Human Biology.....	4 s.h.
BIO-186	Microbiology	4 s.h.
BIO-202	Biology I	4 s.h.
BIO-203	Biology II	4 s.h.
BIO-206	Anatomy & Physiology I.....	4 s.h.
BIO-207	Anatomy & Physiology II.....	4 s.h.
ENV-110	Environmental Science	3 s.h.

PHYSICAL SCIENCES

CHM-122	Introduction to General Chemistry	4 s.h.
CHM-153	College Chemistry I.....	5 s.h.
CHM-154	College Chemistry II.....	5 s.h.
CHM-166	General Chemistry I	5 s.h.
CHM-176	General Chemistry II	5 s.h.
CHM-263	Organic Chemistry I	5 s.h.
CHM-273	Organic Chemistry II	5 s.h.
PHS-125	Physical Science	4 s.h.
PHS-142	Principles of Astronomy	3 s.h.
PHY-106	Survey of Physics	4 s.h.
PHY-162	College Physics I	4 s.h.
PHY-172	College Physics II	4 s.h.
PHY-212	Classical Physics I	5 s.h.
PHY-222	Classical Physics II	5 s.h.

MATH

MAT-110	Math for Liberal Arts.....	3 s.h.
MAT-112	Math for Elementary Teachers I.....	3 s.h.
MAT-113	Math for Elementary Teachers II.....	3 s.h.
MAT-121	College Algebra.....	4 s.h.
MAT-128	Precalculus.....	4 s.h.
MAT-134	Trigonometry & Analytic Geometry	3 s.h.
MAT-140	Finite Math	3 s.h.
MAT-156	Introduction to Statistics	3 s.h.
MAT-161	Business Statistics	3 s.h.
MAT-165	Calculus	3 s.h.
MAT-210	Calculus I	4 s.h.
MAT-216	Calculus II	4 s.h.
MAT-219	Calculus III	4 s.h.
MAT-226	Differential Equations with Laplace Transforms.....	3 s.h.

SOCIAL SCIENCES

ECONOMICS

ECN-115	Personal Finance	3 s.h.
ECN-120	Principles of Macroeconomics	3 s.h.
ECN-130	Principles of Microeconomics	3 s.h.

GEOGRAPHY

GEO-124	Regional Geography of the Nonwestern World	3 s.h.
GEO-125	Regional Geography of the Developed World	3 s.h.
GEO-131	Physical Geography.....	3 s.h.

GOVERNMENT/POLITICAL SCIENCE

POL-111	American National Government.....	3 s.h.
POL-112	American State and Local Government.....	3 s.h.
POL-121	International Relations	3 s.h.

PSYCHOLOGY

PSY-111	Introduction to Psychology.....	3 s.h.
PSY-121	Developmental Psychology.....	3 s.h.
PSY-223	Child and Adolescent Psychology.....	3 s.h.
PSY-281	Educational Psychology.....	3 s.h.

SOCIOLOGY

SOC-110	Introduction to Sociology.....	3 s.h.
SOC-115	Social Problems	3 s.h.
SOC-120	Marriage & Family.....	3 s.h.

ELECTIVES

BUSINESS COURSES

ACCOUNTING

ACC-111	Introduction to Accounting.....	3 s.h.
ACC-121	Principles of Accounting I.....	3 s.h.
ACC-122	Principles of Accounting II.....	3 s.h.
ACC-135	Personal Income Tax	3 s.h.
ACC-161	Payroll Accounting	3 s.h.
ACC-311	Computer Accounting.....	3 s.h.

COMPUTER TECHNOLOGY

ADM-105	Introduction to Keyboarding	1 s.h.
ADM-108	Keyboarding Skill Development.....	1 s.h.
ADM-123	Document Formatting	3 s.h.
ADM-131	Office Calculators	1 s.h.
ADM-145	Advanced Desktop	3 s.h.
BCA-100	Computer Literacy.....	1 s.h.
BCA-101	Introduction to Computers and Information Systems.....	3 s.h.
BCA-103	Management Information Systems	3 s.h.
BCA-129	Basic Word Processing.....	2 s.h.
BCA-152	Electronic Spreadsheets	3 s.h.
BCA-163	Microsoft Access	1 s.h.
BCA-170	Personal Information Management.....	2 s.h.
BCA-174	Basic Presentation Software.....	1 s.h.
BCA-184	Comprehensive Web Page Design Software	3 s.h.
BCA-185	Beginning Web Page Development.....	3 s.h.
BCA-203	E-Commerce Cases.....	4 s.h.
BCA-215	Computer Business Applications	3 s.h.
BCA-601	Create a Website	1 s.h.
BCA-602	Microsoft Excel.....	1 s.h.
BCA-603	Microsoft Access for the Workplace.....	1 s.h.
BUS-151	Introduction to E-Commerce	3 s.h.
CFR-100	Computer Forensics I.....	3 s.h.

CIS-119	Introduction to Programming.....	4 s.h.
CIS-125	Intro to Programming Logic with Language.....	3 s.h.
CIS-155	Introduction to Video Game Testing.....	3 s.h.
CIS-156	Testing Concepts.....	3 s.h.
CIS-172	Java.....	4 s.h.
CIS-210	Web Development I.....	3 s.h.
CIS-211	Web Development II.....	3 s.h.
CIS-224	Server Side Scripting.....	4 s.h.
CIS-246	Intermediate Testing Concepts.....	4 s.h.
CIS-275	Advanced Testing Concepts.....	3 s.h.
CIS-276	Testing Cases.....	4 s.h.
CIS-332	Database and SQL.....	3 s.h.
GRA-108	Visual Communication.....	3 s.h.
GRA-117	Principles of Illustration.....	3 s.h.
GRA-151	Web Design.....	3 s.h.
GRA-166	Web Animation.....	3 s.h.
GRA-173	Typography.....	3 s.h.
GRA-194	Design Studio Applications.....	3 s.h.
GRA-299	Electronic Portfolio.....	3 s.h.
NET-112	Technology Essentials.....	3 s.h.
NET-113	IT Essentials.....	4 s.h.
NET-133	Operating System Software Basics.....	4 s.h.
NET-136	Operating Systems II.....	3 s.h.
NET-160	Network Design and Documentation.....	3 s.h.
NET-201	Network LANs & WANs.....	4 s.h.
NET-213	CISCO Networking.....	4 s.h.
NET-223	CISCO Routers.....	4 s.h.
NET-246	Perimeter Defense.....	3 s.h.
NET-247	Internal Defense.....	3 s.h.
NET-260	Advanced Routing/Switching.....	6 s.h.
NET-264	CISCO WAN Remote Access.....	4 s.h.
NET-284	CISCO Support.....	4 s.h.
NET-301	Network Cases (Voice over IP).....	4 s.h.
NET-304	Windows Workstation Operating Systems.....	4 s.h.
NET-314	Windows Server.....	4 s.h.
NET-324	Windows Network Management.....	4 s.h.
NET-375	Cyber Security Design Cases.....	3 s.h.
NET-490	Inter/Intra - Applications.....	4 s.h.
NET-613	Information Data Assurance.....	3 s.h.
NET-635	Ethical Hacking.....	3 s.h.
NET-690	Emerging Network Access Technologies.....	4 s.h.
NET-743	Fundamental Project Management.....	4 s.h.
NET-782	Computer Users Support.....	3 s.h.

ED-to-GO COURSES

(limited to 3 s.h. maximum of these courses)

BCA-182	Introduction to Microsoft Publisher 2002.....	1 s.h.
BCA-270	Learn to Buy and Sell on eBay.....	1 s.h.
BCA-280	Introduction to Quickbooks.....	1 s.h.
FIN-210	Analysis and Valuation of Stocks.....	1 s.h.
FIN-214	Stocks, Bonds, and Investing: Oh My!.....	1 s.h.

INTERNSHIPS

BUS-107	Business Careers.....	1 s.h.
BUS-225	Business Internships.....	1-5 s.h.

MANAGEMENT

BUS-102	Introduction to Business.....	3 s.h.
BUS-134	The Successful Entrepreneur.....	2 s.h.
BUS-136	Creativity, Innovation and Opportunity Analysis.....	2 s.h.
BUS-142	Planning the Entrepreneurial Venture.....	2 s.h.
BUS-158	Internet Law.....	3 s.h.
BUS-161	Human Relations.....	3 s.h.
BUS-185	Business Law I.....	3 s.h.
BUS-186	Business Law II.....	3 s.h.
BUS-194	Advanced Professional Leadership Development.....	1 s.h.
BUS-255	60-Hour Real Estate Pre-licensure.....	3 s.h.

BUS-260	Introduction to Insurance.....	3 s.h.
BUS-266	Property/Casualty Insurance.....	3 s.h.
BUS-267	Life, Health & Disability Insurance.....	3 s.h.
BUS-298	Seminar in Entrepreneurship.....	3 s.h.
FIN-101	Principles of Banking.....	3 s.h.
MGT-101	Principles of Management.....	3 s.h.
MGT-130	Principles of Supervision.....	3 s.h.
MGT-170	Human Resources Management.....	3 s.h.
MGT-220	Introduction to Sport Management.....	3 s.h.
MGT-221	Current Issues in Sport.....	3 s.h.

MARKETING

MKT-110	Principles of Marketing.....	3 s.h.
MKT-140	Principles of Selling.....	3 s.h.
MKT-150	Principles of Advertising.....	3 s.h.

PROFESSIONAL ADMINISTRATIVE SERVICES

ADM-162	Office Procedures.....	4 s.h.
ADM-205	Legal Office Procedures.....	5 s.h.
ADM-215	Medical Office Procedures.....	3 s.h.
BCA-136	Advanced Word Processing.....	3 s.h.
BUS-121	Business Communications.....	3 s.h.
HIT-210	Basic Medical Insurance & Coding.....	2 s.h.
HIT-630	Medical Transcription I.....	3 s.h.
HIT-631	Medical Transcription II.....	3 s.h.
HIT-632	Medical Transcription III.....	3 s.h.
HSC-120	Medical Terminology I.....	3 s.h.
HSC-121	Medical Terminology II.....	3 s.h.
HSC-246	Coding I (ICD-9).....	3 s.h.
HSC-247	Coding II (CPT).....	3 s.h.

OTHER ELECTIVE COURSES**CAREER/ACADEMIC SUCCESS**

RDG-125	College Reading Strategies.....	3 s.h.
SDV-111	Success Seminar.....	1 s.h.
SDV-113	Strategies for Academic Success.....	2 s.h.
SDV-120	Individualized Educational Planning & Assessment.....	1 s.h.
SDV-135	Job Seeking Skills.....	1 s.h.
SDV-160	Career Decision Making.....	2 s.h.

COACHING ENDORSEMENT

PEC-110	Coaching Ethics Techniques and Theories.....	1 s.h.
PEC-115	Athletic Development and Human Growth.....	1 s.h.
PEC-122	Introduction to Anatomy & Physiology for Coaching.....	1 s.h.
PEC-127	Care & Prevention of Athletic Injuries.....	2 s.h.

COOPERATIVE EDUCATION INTERNSHIPS

SDV-210	Cooperative Education Internship.....	1-5 s.h.
---------	---------------------------------------	----------

CRIMINAL JUSTICE

CRJ-100	Introduction to Criminal Justice.....	3 s.h.
CRJ-105	Intermediate Criminal Justice.....	3 s.h.
CRJ-110	Patrol Procedures.....	3 s.h.
CRJ-130	Criminal Law.....	3 s.h.
CRJ-141	Criminal Investigation.....	3 s.h.
CRJ-216	Employment Strategies for Criminal Justice.....	1 s.h.
CRJ-230	Evidence.....	3 s.h.

ED-to-GO COURSES

(limited to 3 s.h. maximum of these courses)

RDG-161	Speed Reading.....	1 s.h.
SDV-177	Listen to Your Heart and Success Will Follow.....	1 s.h.

EDUCATION

ECE-103	Introduction to Early Childhood Education.....	3 s.h.
ECE-131	Home & School Relationships in Early Childhood.....	3 s.h.

ECE-133	Child Health, Safety and Nutrition.....	3 s.h.
ECE-150	Curriculum for Young Children.....	3 s.h.
ECE-176	Child Development.....	3 s.h.
ECE-243	Early Childhood Guidance.....	3 s.h.
EDU-216	Introduction to Teaching.....	3 s.h.
EDU-242	Educational Measurement & Evaluation.....	2 s.h.
EDU-246	Including Exceptional Students.....	3 s.h.
EDU-250	Educational Media and Classroom Computing Techniques.....	3 s.h.

ENGINEERING

EGT-102	Orientation to Engineering.....	0 s.h.
EGT-119	Mechanics of Materials.....	3 s.h.
EGT-129	Statics for Engineering.....	3 s.h.
EGT-181	Engineering Problems with FORTRAN.....	3 s.h.
EGT-192	Engineering Graphics & Design.....	3 s.h.

FIRE SCIENCE

FIR-155	Fire Protection Technology.....	4 s.h.
FIR-184	Hazardous Material Technician.....	3 s.h.
FIR-210	Incident Command System.....	1 s.h.
FIR-231	Fire Behavior & Investigation.....	4 s.h.
FIR-281	Fire Instructor I.....	2 s.h.

INTERCOLLEGIATE ATHLETICS

PEV-115	Varsity Baseball.....	1 s.h.
PEV-120	Varsity Basketball.....	1 s.h.
PEV-130	Varsity Cross Country.....	1 s.h.
PEV-133	Varsity Track & Field.....	1 s.h.
PEV-135	Varsity Football.....	1 s.h.
PEV-140	Varsity Golf.....	1 s.h.
PEV-150	Varsity Soccer.....	1 s.h.
PEV-160	Varsity Softball.....	1 s.h.
PEV-170	Varsity Volleyball.....	1 s.h.
PEV-180	Varsity Wrestling.....	1 s.h.

NURSE AIDE/EMT

EMS-110	EMS First Responder.....	2 s.h.
EMS-220	EMT Basic I.....	4 s.h.
EMS-224	EMT Basic II.....	2 s.h.
EMS-311	EMT Intermediate 85.....	4 s.h.
EMS-411	EMT-Paramedic Part I.....	6 s.h.
EMS-412	EMT-Paramedic Part II.....	7 s.h.
EMS-413	EMT-Paramedic Part III.....	3 s.h.
EMS-414	EMT-Paramedic Part IV.....	3 s.h.
HSC-171	Nurse Aide Theory.....	2 s.h.
HSC-174	Nurse Aide Clinical.....	1 s.h.

PHYSICAL EDUCATION/ACTIVITIES

PEA-100	Aerobics/Tae-Bo I.....	1 s.h.
PEA-116	Bowling I.....	1 s.h.
PEA-146	Physical Fitness I.....	1 s.h.
PEA-147	Physical Fitness I Lab.....	1 s.h.
PEA-187	Weight Training I.....	1 s.h.
PEA-190	Yoga/Stretching I.....	1 s.h.
PEC-166	Sports Officiating: Fall and Winter Sports.....	2 s.h.
PEC-168	Sports Officiating: Spring and Summer Sports.....	2 s.h.
PEH-140	First Aid.....	1 s.h.
PEH-161	Introduction to Physical Education.....	2 s.h.
PEH-180	Rape Education and Self Defense.....	2 s.h.

STUDENT SENTATE/LOGOS

JOU-145	Logos.....	1 s.h.
SDV-195	Student Senate.....	1 s.h.

OTHER ELECTIVES

AGS-109	Animal Science I.....	3 s.h.
AGS-110	Animal Science I Lab.....	1 s.h.
AGS-209	Animal Science II.....	3 s.h.
AGS-210	Animal Science II Lab.....	1 s.h.
ANT-105	Cultural Anthropology.....	3 s.h.
ART-116	Graphic Design II.....	3 s.h.
ART-131	Digital Publication Design.....	3 s.h.
ART-143	Painting I.....	3 s.h.
ART-144	Painting II.....	3 s.h.
ART-186	Digital Photography.....	3 s.h.
BIO-922	Field Studies in Biology.....	1-4 s.h.
ENG-221	Creative Writing.....	3 s.h.
HIS-254	American Indian History.....	3 s.h.
HIS-257	African American History.....	3 s.h.
HSC-108	Introduction to Health Professions.....	2 s.h.
HSV-152	Introduction to Counseling.....	3 s.h.
HSV-153	Professional Ethics.....	3 s.h.
HUM-130	British Life and Culture.....	3 s.h.
MAT-102	Intermediate Algebra.....	4 s.h.
MLT-101	Introduction to Laboratory Science.....	2 s.h.
MLT-120	Urinalysis.....	3 s.h.
MUS-105	Introduction to Music Theory.....	2 s.h.
PTA-120	Kinesiology.....	3 s.h.
SDV-287	Phi Theta Kappa Leadership Development Studies.....	2 s.h.
SOC-150	Introduction to Human Services.....	3 s.h.
SOC-215	Prime for Life.....	1 s.h.
SOC-881	Social Responsibility and Community Service.....	2 s.h.

NOTE: ALL SPECIAL TOPICS COURSES, UNLESS OTHERWISE INDICATED, ARE ELECTIVE COURSES.

NOTE: UP TO 16 SEMESTER HOURS OF CAREER COURSES CAN BE USED AS ELECTIVE CREDIT. SEE COURSE DESCRIPTIONS FOR A COMPLETE LIST OF CAREER COURSES.

DEVELOPMENTAL

(Does not count toward Associate Degree)

ENG-015	Elements of Writing.....	4 s.h.
ENG-046	Communication Through Reading and Writing Enrichment.....	4 s.h.
ENG-047	Communication Through Reading and Writing II, Enrich.....	4 s.h.
ENG-068	Developmental Writing.....	1 s.h.
MAT-030	Enrich Math I.....	2 s.h.
MAT-031	Enrich Math II.....	2 s.h.
MAT-044	Mastery Math.....	1-6 s.h.
MAT-053	Pre-Algebra.....	4 s.h.
MAT-063	Elementary Algebra.....	4 s.h.
MAT-089	Survey of Mathematics.....	3 s.h.
SDV-065	Personal Management.....	3 s.h.
SDV-066	Career Decisions.....	3 s.h.
SDV-068	Skills for Job Seekers.....	3 s.h.

PLEASE CHECK WITH A COUNSELOR TO VERIFY YOUR DEGREE REQUIREMENTS!

NOT ALL COURSES ARE OFFERED EVERY SEMESTER.