

ADDENDUM 2015-16 CATALOG AND STUDENT HANDBOOK

Revisions by Page

Page 75-77, Replace Associate of Science (A10400) program of study description and requirements with the following:

ASSOCIATE IN SCIENCE (A10400)

GENERAL EDUCATION REQUIREMENTS Universal General Education Transfer Components

These courses have been approved to satisfy the Comprehensive Articulation Agreement general education core requirements as **Universal General Education Transfer Component (UGETC) courses and will transfer for equivalency credit.**

A. English Composition (6 Credit Hours)

Two courses are required.

ENG 111	Writing & Inquiry	3-0-0-0-3
ENG 112	Writing/Research in the Disciplines	3-0-0-0-3

B. Communications & Humanities/Fine Arts (6 Credit Hours)

Two courses from at least two disciplines are required. At least one course must be in English Literature.

Art

ART 111	Art Appreciation	3-0-0-0-3
ART 114	Art History Survey I	3-0-0-0-3
ART 115	Art History Survey II	3-0-0-0-3

Communications

COM 231	Public Speaking	3-0-0-0-3
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English Literature

ENG 231	American Literature I	3-0-0-0-3
ENG 232	American Literature II	3-0-0-0-3

Music

MUS 110	Music Appreciation	3-0-0-0-3
MUS 112	Introduction to Jazz	3-0-0-0-3

Philosophy

PHI 215	Philosophical Issues	3-0-0-0-3
PHI 240	Introduction to Ethics	3-0-0-0-3

C. Social/Behavioral Sciences (6 Credit Hours)

Two courses from at least two disciplines are required.
 At least one course must be in History.

Economics

ECO 251	Principles of Microeconomics	3-0-0-0-3
ECO 252	Principles of Macroeconomic	3-0-0-0-3

History

HIS 111	World Civilizations I	3-0-0-0-3
HIS 112	World Civilizations II	3-0-0-0-3
HIS 131	American History I	3-0-0-0-3
HIS 132	American History II	3-0-0-0-3

Political Science

POL 120	American Government	3-0-0-0-3
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Psychology

PSY 150	General Psychology	3-0-0-0-3
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Sociology

SOC 210	Introduction to Sociology	3-0-0-0-3
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D. Mathematics (8 Credit Hours)

Two courses required

MAT 171	Precalculus Algebra	3-2-0-0-4
MAT 172	Precalculus Trigonometry	3-2-0-0-4
MAT 263	Brief Calculus	3-2-0-0-4
MAT 271	Calculus I	3-2-0-0-4

E. Natural Sciences (8 Credit Hours)

Two courses in one group are required.

Group # 1

CHM 151	General Chemistry I	3-3-0-0-4
CHM 152	General Chemistry II	3-3-0-0-4

Group # 2

PHY 151	College Physics I	3-2-0-0-4
PHY 152	College Physics II	3-2-0-0-4

Group # 3

PHY 251	General Physics I	3-3-0-0-4
PHY 252	General Physics II	3-3-0-0-4

Group # 4

BIO 111	General Biology I	3-3-0-0-4
BIO 112	General Biology II	3-3-0-0-4

Group # 5

BIO 110	Principles of Biology	3-3-0-0-4
GEL-111	Geology	3-2-0-0-4

Group # 6

BIO 110	Principles of Biology	3-3-0-0-4
PHY 110	Conceptual Physics	3-0-0-0-3
& PHY 110A	Conceptual Physics Lab	0-2-0-0-1

Group # 7

GEL 111	Geology	3-2-0-0-4
PHY 110	Conceptual Physics	3-0-0-0-3
& PHY 110A	Conceptual Physics Lab	0-2-0-0-1

ENG 233	Major American Writers	3-0-0-0-3
ENG 241	British Literature I	3-0-0-0-3
ENG 242	British Literature II	3-0-0-0-3

Geography

GEO 111	World Regional Geography	3-0-0-0-3
GEO 112	Cultural Geography	3-0-0-0-3
GEO 130	General Physical Geography	3-0-0-0-3

Geology

GEL 113	Historical Geology	3-2-0-0-4
GEL 120	Physical Geology	3-2-0-0-4
GEL 230	Environmental Geology	3-2-0-0-4

History

HIS 115	Introduction to Global History	3-0-0-0-3
HIS 121	Western Civilization I	3-0-0-0-3
HIS 122	Western Civilization II	3-0-0-0-3

Humanities

HUM 115	Critical Thinking	3-0-0-0-3
HUM 160	Introduction to Film	2-2-0-0-3

Mathematics

MAT 272	Calculus II	3-2-0-0-4
MAT 273	Calculus III	3-2-0-0-4

Philosophy

PHI 210	History of Philosophy	3-0-0-0-3
PHI 230	Introduction to Logic	3-0-0-0-3

Political Science

POL 210	Comparative Government	3-0-0-0-3
POL 220	International Relations	3-0-0-0-3

Psychology

PSY 237	Social Psychology	3-0-0-0-3
PSY 239	Psychology of Personality	3-0-0-0-3
PSY 241	Developmental Psychology	3-0-0-0-3
PSY 281	Abnormal Psychology	3-0-0-0-3

Religion

REL 110	World Religions	3-0-0-0-3
REL 211	Introduction to Old Testament	3-0-0-0-3
REL 212	Introduction to New Testament	3-0-0-0-3
REL 221	Religion in America	3-0-0-0-3

Sociology

SOC 213	Sociology of the Family	3-0-0-0-3
SOC 220	Social Problems	3-0-0-0-3
SOC 225	Social Diversity	3-0-0-0-3
SOC 240	Social Psychology	3-0-0-0-3

F. Additional General Education Hours (11 Credit Hours)

Students should select these courses based on their intended major and transfer university.

American Sign Language

ASL 111	Elementary ASL I	3-0-0-0-3
ASL 112	Elementary ASL II	3-0-0-0-3

Anthropology

ANT 210	General Anthropology	3-0-0-0-3
ANT 220	Cultural Anthropology	3-0-0-0-3
ANT 221	Comparative Cultures	3-0-0-0-3

Biology

BIO 120	Introductory Botany	3-3-0-0-4
BIO 130	Introductory Zoology	3-3-0-0-4
BIO 140	Environmental Biology	3-0-0-0-3
& BIO 140A	Environmental Biology Lab	0-3-0-0-1

Chemistry

CHM 131	Introduction to Chemistry	3-0-0-0-3
& CHM 131A	Introduction to Chemistry Lab	0-3-0-0-1
CHM 132	Organic and Biochemistry	3-3-0-0-4

Computer Information Systems

CIS 110	Introduction to Computers	2-2-0-0-3
CIS 115	Introduction to Programming & Logic	2-3-0-0-3

Communications

COM 110	Introduction to Communication	3-0-0-0-3
COM 120	Intro to Interpersonal Communication	3-0-0-0-3

Dance

DAN 110	Dance Appreciation	3-0-0-0-3
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Drama

DRA 111	Theatre Appreciation	3-0-0-0-3
DRA 112	Literature of the Theater	3-0-0-0-3

Economics

ECO 151	Survey of Economics	3-0-0-0-3
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English

ENG 114	Professional Research & Reporting	3-0-0-0-3
ENG 131	Introduction to Literature	3-0-0-0-3

Spanish

SPA 111	Elementary Spanish I	3-0-0-0-3
SPA 112	Elementary Spanish II	3-0-0-0-3
SPA 211	Intermediate Spanish I	3-0-0-0-3
SPA 212	Intermediate Spanish II	3-0-0-0-3

OTHER REQUIRED HOURS

A. Academic Transition (1 Credit Hour)

One college orientation/study skills course is required. Students whose assessment inventory scores reflect the need for DRE 096 or DRE 097 will be enrolled in ACA 090. This course will not transfer to UNC system institutions. Students who place into DRE 098 or higher will take ACA 122, which is a college transferable course. **Students taking ACA 090 must complete ACA 122 before graduation.**

ACA 122	College Transfer Success	1-0-0-0-1
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B. Additional Elective Courses (15 Credit Hours)

Students should select these courses based on their intended major and transfer university.

Starred (*) courses are also General Education Courses and **may not** be used to fulfill both the Additional General Education Hours and Elective Hours requirements.

Accounting

ACC 120	Principles of Financial Accounting	3-2-0-0-4
ACC 121	Principles of Managerial Accounting	3-2-0-0-4

American Sign Language

*ASL 111	Elementary ASL I	3-0-0-0-3
*ASL 112	Elementary ASL II	3-0-0-0-3

Anthropology

*ANT 210	General Anthropology	3-0-0-0-3
*ANT 220	Cultural Anthropology	3-0-0-0-3
*ANT 221	Comparative Cultures	3-0-0-0-3

Art

ART 121	Two-Dimensional Design	0-6-0-0-3
ART 131	Drawing I	0-6-0-0-3
ART 171	Computer Art I	0-6-0-0-3
ART 240	Painting I	0-6-0-0-3
ART 264	Digital Photography I	1-4-0-0-3
ART 265	Digital Photography II	1-4-0-0-3

Biology

*BIO 120	Introductory Botany	3-3-0-0-4
*BIO 130	Introductory Zoology	3-3-0-0-4
BIO 140	Environmental Biology	3-0-0-0-3
& *BIO 140A	Environmental Biology Lab	0-3-0-0-1
BIO 143	Field Biology Minicourse	1-2-0-0-2
BIO 146	Regional Natural History	3-3-0-0-4

BIO 155	Nutrition	3-0-0-0-3
BIO 165	Basic Anatomy & Physiology	4-2-0-0-5
BIO 168	Anatomy & Physiology I	3-3-0-0-4
BIO 169	Anatomy & Physiology II	3-3-0-0-4
BIO 175	General Microbiology	2-2-0-0-3
BIO 243	Marine Biology	3-3-0-0-4
BIO 271	Pathophysiology	3-0-0-0-3
BIO 275	Microbiology	3-3-0-0-4
BIO 280	Biotechnology	2-3-0-0-3

Business

BUS 110	Introduction to Business	3-0-0-0-3
BUS 115	Business Law I	3-0-0-0-3
BUS 137	Principles of Management	3-0-0-0-3

Chemistry

*CHM 131	Introduction to Chemistry	3-0-0-0-3
&*CHM 131A	Introduction to Chemistry Lab	0-3-0-0-1
*CHM 132	Organic and Biochemistry	3-3-0-0-4
CHM 251	Organic Chemistry I	3-3-0-0-4
CHM 252	Organic Chemistry II	3-3-0-0-4

Computer Information Systems

*CIS 110	Introduction to Computers	2-2-0-0-3
*CIS 115	Intro to Programming & Logic	2-3-0-0-3

Computer Science

CSC 120	Computing Fundamentals I	3-2-0-0-4
CSC 130	Computing Fundamentals II	3-2-0-0-4
CSC 134	C++ Programming	2-3-0-0-3
CSC 139	Visual BASIC Programming	2-3-0-0-3
CSC 151	JAVA Programming	2-3-0-0-3
CSC 239	Adv Visual BASIC Programming	2-3-0-0-3

Communications

*COM 110	Introduction to Communication	3-0-0-0-3
*COM 120	Intro to Interpersonal Communication	3-0-0-0-3

Criminal Justice

CJC 111	Introduction to Criminal Justice	3-0-0-0-3
CJC 121	Law Enforcement Operations	3-0-0-0-3
CJC 141	Corrections	3-0-0-0-3

Dance

*DAN 110	Dance Appreciation	3-0-0-0-3
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Drafting

DFT 170	Engineering Graphics	2-2-0-0-3
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Drama

*DRA 111	Theatre Appreciation	3-0-0-0-3
*DRA 112	Literature of the Theatre	3-0-0-0-3
DRA 130	Acting I	0-6-0-0-3

Economics

*ECO 151 Survey of Economics 3-0-0-0-3

Engineering

EGR 150 Introduction to Engineering 1-2-0-0-2
 EGR 210 Intro to Electrical/Computer Engineering 1-3-0-0-2
 EGR 212 Logic System Design I 3-0-0-0-3
 EGR 215 Network Theory 3-0-0-0-3
 EGR 216 Logic and Network Lab 0-3-0-0-1
 EGR 220 Engineering Statics 3-0-0-0-3
 EGR 225 Engineering Dynamics 3-0-0-0-3
 EGR 228 Introduction to Solid Mechanics 3-0-0-0-3

English

*ENG 114 Professional Research & Reporting 3-0-0-0-3
 ENG 125 Creative Writing 3-0-0-0-3
 *ENG 131 Introduction to Literature 3-0-0-0-3
 *ENG 233 Major American Writers 3-0-0-0-3
 *ENG 241 British Literature I 3-0-0-0-3
 *ENG 242 British Literature II 3-0-0-0-3

Health

HEA 112 First Aid & CPR 1-2-0-0-2

History

*HIS 115 Introduction to Global History 3-0-0-0-3
 HIS 116 Current World Problems 3-0-0-0-3
 *HIS 121 Western Civilization I 3-0-0-0-3
 *HIS 122 Western Civilization II 3-0-0-0-3
 HIS 221 African-American History 3-0-0-0-3
 HIS 226 The Civil War 3-0-0-0-3
 HIS 236 North Carolina History 3-0-0-0-3

Humanities

*HUM 115 Critical Thinking 3-0-0-0-3
 *HUM 160 Introduction to Film 2-2-0-0-3
 HUM 230 Leadership Development 3-0-0-0-3

Mathematics

*MAT 272 Calculus II 3-2-0-0-4
 *MAT 273 Calculus III 3-0-0-0-4
 MAT 280 Linear Algebra 3-0-0-0-3
 MAT 285 Differential Equations 3-0-0-0-3

Music

MUS 111 Fundamentals of Music 3-0-0-0-3
 MUS 121 Music Theory I 3-2-0-0-4
 MUS 122 Music Theory II 3-2-0-0-4
 MUS 131 Chorus I 0-2-0-0-1
 MUS 151 Class Music I 0-2-0-0-1

Philosophy

*PHI 210 History of Philosophy 3-0-0-0-3
 *PHI 230 Introduction to Logic 3-0-0-0-3

Physical Education

PED 110 Fit & Well for Life 1-2-0-0-2
 PED 113 Aerobics I 0-3-0-0-1
 PED 117 Weight Lifting I 0-3-0-0-1
 PED 119 Circuit Training 0-3-0-0-1
 PED 120 Walking for Fitness 0-3-0-0-1
 PED 122 Yoga I 0-2-0-0-1
 PED 143 Volleyball – Beginning 0-2-0-0-1
 PED 145 Basketball – Beginning 0-2-0-0-1
 PED 152 Swimming – Beginning 0-2-0-0-1
 PED 153 Swimming – Intermediate 0-2-0-0-1
 PED 155 Water Aerobics 0-3-0-0-1
 PED 217 Pilates I 0-2-0-0-1
 PED 259 Prevention & Care of Athletic Injuries 1-2-0-0-2

Political Science

POL 130 State & Local Government 3-0-0-0-3
 *POL 210 Comparative Government 3-0-0-0-3
 *POL 220 International Relations 3-0-0-0-3

Psychology

PSY 211 Psychology of Adjustment 3-0-0-0-3
 *PSY 237 Social Psychology 3-0-0-0-3
 *PSY 239 Psychology of Personality 3-0-0-0-3
 *PSY 241 Developmental Psychology 3-0-0-0-3
 PSY 243 Child Psychology 3-0-0-0-3
 PSY 263 Educational Psychology 3-0-0-0-3
 PSY 275 Health Psychology 3-0-0-0-3
 *PSY 281 Abnormal Psychology 3-0-0-0-3

Religion

*REL 110 World Religions 3-0-0-0-3
 *REL 211 Introduction to Old Testament 3-0-0-0-3
 *REL 212 Introduction to New Testament 3-0-0-0-3
 *REL 221 Religion in America 3-0-0-0-3

Sociology

*SOC 213 Sociology of the Family 3-0-0-0-3
 *SOC 220 Social Problems 3-0-0-0-3
 *SOC 225 Social Diversity 3-0-0-0-3
 *SOC 240 Social Psychology 3-0-0-0-3

Spanish

*SPA 111 Elementary Spanish I 3-0-0-0-3
 *SPA 112 Elementary Spanish II 3-0-0-0-3
 SPA 181 Spanish Lab I 0-2-0-0-1
 SPA 182 Spanish Lab II 0-2-0-0-1
 *SPA 211 Intermediate Spanish I 3-0-0-0-3
 *SPA 212 Intermediate Spanish II 3-0-0-0-3

TOTAL CREDITS FOR PROGRAM OF STUDY: 60-61

Page 70, *Replace Other Required Hours for Associate in Engineering (A10500) with the following:*

OTHER REQUIRED HOURS

One college orientation/study skills course is required. Students whose assessment inventory scores reflect the need for DRE 096 or DRE 097 will be enrolled in ACA 090. This course will not transfer to UNC system institutions. Students who place into DRE 098 or higher will take ACA 122, which is a college transferable course. ***Students taking ACA 090 must complete ACA 122 before graduation.***

Humanities

HUM 110 General Astronomy I 3-0-0-0-3

Mathematics

MAT 280 Linear Algebra 3-0-0-0-3

Physical Education

PED 110 Fitness and Wellness for Life 1-2-0-0-2

ACA 122 College Transfer Success 1-0-0-0-1

Pre-major Elective (2 Credit Hours)

EGR 150 Introduction to Engineering 1-2-0-0-2

Other Gen. Education & Pre-major Electives (15 Credit Hours)

Biology

BIO 111 General Biology I 3-3-0-0-4

Chemistry

CHM 132 Organic and Biochemistry 3-3-0-0-4

Communications

COM 110 Introduction to Communication 3-0-0-0-3

Computer Science

CSC 134 C++ Programming 2-3-0-0-3

CSC 151 JAVA Programming 2-3-0-0-3

Drafting

DFT 170 Engineering Graphics 2-2-0-0-3

Economics

ECO 252 Survey of Microeconomics 3-0-0-0-3

Engineering

EGR 210 Intro to Electrical/Computer
Engineering 1-3-0-0-2

EGR 212 Logic System Design I 3-0-0-0-3

EGR 215 Network Theory 3-0-0-0-3

EGR 216 Logic and Network Lab 0-3-0-0-1

EGR 220 Engineering Statics 3-0-0-0-3

EGR 225 Engineering Dynamics 3-0-0-0-3

EGR 228 Introduction to Solid Mechanics 3-0-0-0-3

Page 135, *The following Course Descriptions are added.*

MEDICAL ASSISTING (MED)

MED 110 Orientation to Med Assist 1-0-0-0-1

Prerequisites: DRE 098

Corequisites: None

This course covers the history of medicine and the role of the medical assistant in the health care setting. Emphasis is placed on professionalism, communication, attitude, behaviors, and duties in the medical environment. Upon completion, students should be able to project a positive attitude and promote the profession of medical assisting.

MED 130 Admin Office Procedures 1-2-0-0-2

Prerequisites: None

Corequisites: None

This course introduces medical office administrative procedures. Topics include appointment processing, written and oral communications, medical records, patient orientation, and safety. Upon completion, students should be able to perform basic administrative skills within the medical environment.

MED 131 Admin Office Procedures II 1-2-0-0-2

Prerequisites: MED 130

Corequisites: None

This course provides medical office procedures in both economic and management skills. Topics include physical plant maintenance, equipment and supplies, liability coverage, medical economics, and introductory insurance procedures. Upon completion, students should be able to manage the economics of the medical office and supervise personnel.

MED 138 Infection/Hazard Control 2-0-0-0-2

Prerequisites: None

Corequisites: None

This course introduces the student to infection and hazard control procedures necessary for the healthcare worker. Topics include introduction to Microbiology, Practical Infection Control, Sterilization and Monitoring, Chemical Disinfectants, Aseptic Technique, Infectious diseases, and applicable North Carolina laws. Upon completion, students should be able to demonstrate an understanding of infectious diseases, disease transmission, infection control procedures, biohazard management, OSH standards, and applicable North Carolina laws.

MED 140 Exam Room Procedures I 3-4-0-0-5

Prerequisites: None

Corequisites: None

This course provides instruction in clinical examining room procedures. Topics include asepsis, infection control, assisting with exams and treatment, patient education, preparation and administration of medications, EKG, vital signs, and medical emergencies. Upon completion, students should be able to demonstrate competence in exam room procedures.

MED 150 Laboratory Procedures I 3-4-0-0-5

Prerequisites: None

Corequisites: None

This course provides instruction in basic lab techniques used by the medical assistant. Topics include lab safety, quality control, collecting and processing specimens, performing selective tests, phlebotomy, screening and follow-up of test results, and OSHA/CLIA regulations. Upon completion, students should be able to perform basic lab tests/skills based on course topics.

MED 230 Admin Office Procedures III 1-2-0-0-2

Prerequisites: MED 131

Corequisites: None

This course provides advanced medical office administrative procedures. Emphasis is placed on management skills including personnel supervision, practice management, public relations, and insurance coding. Upon completion, students should be able to exhibit advanced managerial medical assisting skills.

MED 232 Medical Insurance Coding 1-3-0-0-2

Prerequisites: BIO 163 MED 131, MED 121, MED 122

Corequisites: None

This course is designed to develop coding skills. Emphasis is placed on advanced diagnostic and procedural coding in the outpatient facility. Upon completion, students should be able to demonstrate proficiency in coding for reimbursement.

MED 260 MED Clinical Externship 0-0-15-0-5

Prerequisites: None

Corequisites: None

This course provides the opportunity to apply clinical, laboratory, and administrative skills in a medical facility. Emphasis is placed on enhancing competence in clinical and administrative skills necessary for comprehensive patient care and strengthening professional communications and interactions. Upon completion, students should be able to function as an entry-level health care professional.

MED 262 Clinical Perspectives 1-0-0-0-1

Prerequisites: None

Corequisites: None

This course is designed to explore personal and occupational responsibilities of the practicing medical assistant. Emphasis is placed on problems encountered during externships and development of problem-solving skills. Upon completion, students should be able to demonstrate courteous and diplomatic behavior when solving problems in the medical facility.

MED 264 Med Assisting Overview 2-0-0-0-2

Prerequisites: None

Corequisites: None

This course provides an overview of the complete medical assisting curriculum. Emphasis is placed on all facets of medical assisting pertinent to administrative, laboratory, and clinical procedures performed in the medical environment. Upon completion, students should be able to demonstrate competence in the areas covered on the national certification examination for medical assistants.

MED 270 Symptomatology 2-2-0-0-3

Prerequisites: MED 122, MED 140

Corequisites: BIO 163 or MED 116;

This course covers the study of disease symptoms and the appropriate actions taken by medical assistants in a medical facility in relation to these symptoms. Emphasis is placed on interviewing skills and appropriate triage, preparing patients for procedures, and screening test results. Upon completion, students should be able to recognize how certain symptoms relate to specific diseases, recognize emergency situations, and take appropriate actions.

MED 272 Drug Therapy 3-0-0-0-3

Prerequisites: DRE 098

Corequisites: None

This course focuses on major drug groups, including their side effects, interactions, methods of administration, and proper documentation. Emphasis is placed on the theory of drug administration. Upon completion, students should be able to identify, spell, recognize side effects of, and document the most commonly used medications in a physician's office.