
#### Abstract

Entrance Dates $\qquad$ Fall, Spring, Summer Length of Program ..... 4 Terms Credit Hours Required for Graduation ..... 60 Purpose: The General Studies Associate of Science (AS) Degree prepares students to pursue a four- year degree for careers in multiple fields of studies. Graduates develop academic and professional knowledge and skills necessary to succeed in the profession of their choice or to further their education at a four-year university. This program provides students an option to combine general education along with occupational courses to create a specialized degree suited to their individual career goals. This institutionally developed program was uniquely designed to align to USG institution programs within NGTC's service area to provide graduates a seamless plan of study from the AS to a baccalaureate program of choice with minimal loss of credits.


## Admission Requirements:

- Age 16 or older or student with dual/joint enrollment in high school or GED ${ }^{\circledR}$ student seeking access to quality instruction at the postsecondary level
- High school diploma or GED ${ }^{\circledR}$
- Completion of application process including placement test; or provide SAT or ACT scores (Note: Appropriate placement scores for degree-level courses are higher than for diploma- or certificatelevel courses)


## Program Courses <br> Credits

Total 3 credit hours
COLL 1010 College and Career Success Skills
Area I - Language Arts/Communication
ENGL 1101 Composition and Rhetoric (required)
(One of the following required)
ENGL 1102 Literature and Composition 3
SPCH 1101 Public Speaking 3
Area II - Social/Behavior Sciences Total 12 Credit Hours
(Select 12 hours from the following)
ECON 1101 Principles of Economics 3
ECON 2106 Microeconomics 3
HIST 1111 World History I (to 1500) 3
HIST 1112 World History II (since 1500) 3
HIST 2111 U.S. History I (to 1877) 3
HIST 2112 U.S. History II (since 1865) 3
POLS 1101 American Government 3
PSYC 1101 Introductory Psychology 3
SOCI 1101 Introduction to Sociology 3
Area III - Natural Sciences/Mathematics
Total 10 Credit Hours
(One of the following required)
MATH 1101 Mathematical Modeling 3
MATH 1103 Quantitative Skills and Reasoning 3
MATH 1111 College Algebra 3
MATH 1127 Introduction to Statistics 3

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(Select an additional 7 hours from the following)
MATH 1101 Mathematical Modeling 3
MATH 1103 Quantitative Skills and Reasoning 3
MATH 1111 College Algebra 3
MATH 1113 Pre-calculus 3
MATH 1127 Introduction to Statistics 3
MATH 1131 Calculus I 3
BIOL 1111 Biology I 3
BIOL 1111L Biology I Lab 1
BIOL 1112 Biology II 3
BIOL 1112L Biology II Lab 1
BIOL 2113 Anatomy and Physiology I 3
BIOL 2113L Anatomy and Physiology I Lab 1
BIOL 2114 Anatomy and Physiology II 3
BIOL 2114L Anatomy and Physiology II Lab 1
CHEM 1151 Survey of Inorganic Chemistry 3
CHEM 1151L Survey of Inorganic Chemistry Lab 1
CHEM 1152 Survey of Organic Chemistry and Biochemistry 3
CHEM 1152L Survey of Organic Chemistry and Biochemistry Lab 1
PHYS 1111 Introductory Physics I 3
PHYS 1111L Introductory Physics I Lab 1
PHYS 1112 Introductory Physics II 3
PHYS 1112L Introductory Physics II Lab 1
Area IV - Humanities/Fine Arts
(Select 6 hours from the following)
ARTS 1101 Art Appreciation 3
ENGL 2130 American Literature 3
HUMN 1101 Introduction to Humanities 3
General Education Core Electives
Total 3 Credit Hours
(Select 3 hours from the following)
ARTS 1101 Art Appreciation 3
BIOL 1111 BiologyI 3
BIOL 1111L Biology I Lab 1
BIOL 1112 Biology II 3
BIOL 1112L Biology II Lab 1
CHEM 1151 Survey of Inorganic Chemistry 3
CHEM 1151L Survey of Inorganic Chemistry Lab 1
CHEM 1152 Survey of Organic Chemistry and Biochemistry 3
CHEM 1152L Survey of Organic Chemistry and Biochemistry Lab 1
ECON 1101 Principles of Economics 3
ECON 2106 Microeconomics 3
ENGL 1102 Literature and Composition 3
ENGL 2130 American Literature 3
HIST 1111 World History I (to 1500) 3

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HIST 1112 World History II (since 1500) 3
HIST 2111 U.S. History I (to 1877) 3
HIST 2112 U.S. History II (since 1865) 3
HUMN 1101 Introduction to Humanities 3
MATH 1101 Mathematical Modeling 3
MATH 1103 Quantitative Skills and Reasoning 3
MATH 1111 College Algebra 3
MATH 1113 Pre-calculus 3
MATH 1127 Introduction to Statistics 3
MATH 1131 Calculus I 4
PHYS 1111 Introductory Physics I 3
PHYS 1111L Introductory Physics I Lab 1
PHYS 1112 Introductory Physics II 3
PHYS 1112L Introductory Physics II Lab 1
POLS 1101 American Government 3
PSYC 1101 Introductory Psychology 3
SOCI 1101 Introduction to Sociology 3
SPCH 1101 Public Speaking 3
General Studies Electives
Total 20 Credit Hours
(Select 20 hours from the following)
ACCT 1100 Financial Accounting I 4
ACCT 1105 Financial Accounting II 4
ACCT 2000 Managerial Accounting 3
ACCT 2140 Legal Environment of Business 3
ARTS 1101 Art Appreciation 3
BIOL 1111 BiologyI 3
BIOL 1111L Biology I Lab 1
BIOL 1112 Biology II 3
BIOL 1112L Biology II Lab 1
CHEM 1151 Survey of Inorganic Chemistry 3
CHEM 1151L Survey of Inorganic Chemistry Lab 1
CHEM 1152 Survey of Organic Chemistry and Biochemistry 3
CHEM 1152L Survey of Organic Chemistry and Biochemistry Lab 1
CIST 1220 Structured Query Language 4
CIST 1305 Program Design and Development 3
CIST 1510 Web Development 3
CIST 1520 Scripting Technologies 3
CIST 2341 C\# Programming I 4
CIST 2342 C\# Programming II 4
CIST 2351 PHP Programming I 4
CIST 2352 PHP Programming II 4
CIST 2371 Java Programming I 4
CIST 2372 Java Programming II 4
CIST 2550 Web Development II 3

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CRJU 1010 Introduction to Criminal Justice 3
CRJU 1040 Principles of Law Enforcement 3
CRJU 1068 Criminal Law 3
ECON 1101 Principles of Economics 3
ECON 2106 Microeconomics 3
ENGL 1102 Literature and Composition 3
ENGL 2130 American Literature 3
ENGT 1000 Introduction to Engineering Technology 3
HIST 1111 World History I (to 1500) 3
HIST 1112 World History II (since 1500) 3
HIST 2111 U.S. History I (to 1877) 3
HIST 2112 U.S. History II (since 1865) 3
HUMN 1101 Introduction to Humanities 3
MATH 1101 Mathematical Modeling 3
MATH 1103 Quantitative Skills and Reasoning 3
MATH 1111 College Algebra 3
MATH 1113 Pre-calculus 3
MATH 1127 Introduction to Statistics 3
MATH 1131 Calculus I 4
PHYS 1111 Introductory Physics I 3
PHYS 1111L Introductory Physics I Lab 1
PHYS 1112 Introductory Physics II 3
PHYS 1112L Introductory Physics II Lab 1
POLS 1101 American Government 3
PSYC 1101 Introductory Psychology 3
SOCI 1101 Introduction to Sociology 3
SPCH 1101 Public Speaking 3
Estimated cost of books and supplies for full program is approximately $\$ 1,200$

SCHOOL OF ARTS AND SCIENCES
Early College Essentials Certificate (EC21)
Offered at Clarkesville, Blairsville, and Currahee Campuses
Entrance Dates

$\qquad$
Fall, Spring, Summer
Length of Program 2 Terms
Credit Hours Required for Graduation 18


#### Abstract

Purpose: The Early College Essentials certificate program is designed for a cooperative agreement between technical colleges and four-year colleges/universities in the area. These students have been identified as capable of performing academically at the college level and some are disengaged at the high school and are at risk of dropping out.


## Admission Requirements:

- Age 16 or older or student with dual/joint enrollment in high school or GED ${ }^{\circledR}$ student seeking access to quality instruction at the postsecondary level
- High school diploma or GED ${ }^{\circledR}$
- Completion of application process including placement test; or provide SAT or ACT scores (Note:

Appropriate placement scores for degree-level courses are higher than for diploma- or certificatelevel courses)
Program Courses Credits
ENGL 1101 Composition and Rhetoric ..... 3
(Select 15-16 total hours from the following)
ARTS 1101 Art Appreciation ..... 3
BIOL 1111 BiologyI ..... 3
BIOL 1111L Biology I Lab ..... 1
BIOL 2113 Anatomy and Physiology I ..... 3
BIOL 2113L Anatomy and Physiology I Lab ..... 1
BIOL 2114 Anatomy and Physiology II ..... 3
BIOL 2114L Anatomy and Physiology II Lab ..... 1
BIOL 2117 Introductory Microbiology ..... 3
BIOL 2117L Introductory Microbiology Lab ..... 1
CHEM 1151 Survey of Inorganic Chemistry ..... 3
CHEM 1151L Survey of Inorganic Chemistry Lab ..... 1
CHEM 1211 ChemistryI ..... 3
CHEM 1211L Chemistry Lab I ..... 1
ECON 1101 Principles of Economics ..... 3
ENGL 1102 Literature and Composition ..... 3
ENGL 2130 American Literature ..... 3
HIST 1111 World History I (to 1500) ..... 3
HIST 1112 World History II (since 1500) ..... 3
HIST 2111 U.S. History I (to 1877) ..... 3
HIST 2112 U.S. History II (since 1865) ..... 3
MATH 1103 Quantitative Skills and Reasoning ..... 3
MATH 1111 College Algebra ..... 3
MATH 1113 Pre-calculus ..... 3
MATH 1127 Introduction to Statistics ..... 3
MATH 1131 Calculus I ..... 4

MATH 1132 Calculus II 4
MUSC 1101 Music Appreciation 3
PHYS 1111 Introductory Physics I 3
PHYS 1111L Introductory Physics I Lab 1
PSYC 1101 Introductory Psychology 3
1101 Introduction to Sociology 3
SPCH 1101 Public Speaking 3
Estimated cost of books and supplies for full program is approximately $\$ 500$.

# SCHOOL OF ARTS AND SCIENCES <br> Interdisciplinary Studies AAS Degree (AF53) 

Entrance Dates .......................................................................................................... Fall, Spring, Summer
Length of Program ......................................................................................................................... 5 Terms
Credit Hours Required for Graduation..................................................................................................... 61
Purpose: The Associate of Applied Science Degree in Interdisciplinary Studies (AIS) allows for curriculum based on each student's academic and professional goals. Areas of concentration include education, business, and health sciences. The program curriculum may be strategically selected to build upon the student's goals and objectives. Learning opportunities develop academic and professional knowledge and skills required for job acquisition or continued education. A student might choose an interdisciplinary studies program if his or her specific goals and interest cannot be met through a school's existing majors, minors and electives.

## Admission Requirements:

- Refer to Program Specific age requirements
- High school diploma or GED ${ }^{\circledR}$
- Completion of application process including placement test; or provide SAT or ACT scores


## Program Requirements for Early Childhood Care and Education Specialization

- Must have CPR and First Aid Certification


## Program Courses

21 Credits

## General Core Courses <br> (Some specializations require specific general education courses. See Specialization General Education Requirements below.)

Area I Language Arts/Communication
ENGL 1101 Composition and Rhetoric (3) (required)
ENGL 1102 Literature and Composition (3) (required)

Area II Social/Behavioral Sciences 6
PSYC 1101 Introductory Psychology (3) (required)
(select an additional 3 hours from area II)*
Area III Natural Sciences/Mathematics 6-7
(one of the following required)
MATH 1101 Mathematical Modeling
MATH 1103 Quantitative Skills and Reasoning
MATH 1111 College Algebra
(select an additional 3-4 hours from area III)*
Area IV Humanities/Fine Arts
(one of the following required)
ARTS 1101 Arts Appreciation
MUSC 1101 Music Appreciation
ENGL 2130 American Literature
HUMN 1101 Introduction to Humanities
*See General Education Requirements for Associate Degrees for course options.

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One of the following specializations must be chosen:

## Accounting Specialization

Offered at Blairsville, Clarkesville, and Currahee Campuses

## Occupational Courses

ACCT 1100 Financial Accounting

## Total 40 credit hours

ACCT 1105 Financial Accounting II 4
ACCT 1115 Computerized Accounting 3
ACCT 1120 Spreadsheet Applications 4
ACCT 1125 Individual Tax Accounting 3
ACCT 1130 Payroll Accounting 3
ACCT 2000 Managerial Accounting 3
COLL 1010 College and Career Success Skills 3
Electives 13
Estimated cost of books and supplies for full program is approximately $\$ 2,300$.

## Medical Lab Specialization

Offered at Clarkesville Campus
Occupational Courses
Total 40 credit hours
ALHS 1040 Introduction to Health Care 3
ALHS 1090 Medical Terminology for Health Sciences 2
BIOL 2113 Anatomy and Physiology I 3
BIOL 2113L Anatomy and Physiology I Lab 1
BIOL 2114 Anatomy and Physiology II 3
BIOL 2114L Anatomy and Physiology II Lab 1
BIOL 2117 Introductory Microbiology 3
BIOL 2117L Introductory Microbiology Lab 1
CHEM 1211 Chemistryl 3
CHEM 1211L Chemistry Lab I 1
OR
CHEM 1151 Survey of Inorganic Chemistry
CHEM 1151L Survey of Inorganic Chemistry Lab
COLL 1010 College and Career Success Skills 3
PHLT 1030 Introduction to Venipuncture 3
PHLT 1050 Clinical Practice 5
Electives 8
Estimated cost of books and supplies for full program is approximately $\$ 2,500$.
Early Childhood Care and Education Specialization
Offered at Clarkesville, Blairsville, and Currahee Campuses

## Occupational Courses

Total 40 credit hours
3
COLL 1010 College and Career Success Skills
1101 Intro to Early Childhood Care and Education
ECCE 1112 Curn, Sarety and Nutrition
ECCE 1113 Creative Activities for Children

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ECCE 2201 Exceptionalities 3
ECCE 2202 Social Issues and Family Involvement 3
ECCE 2312 Paraprofessional Roles and Practices 3
PSYC 2103 Human Development 3
OR
ECCE 1103 Child Growth and Development
Electives
Estimated cost of books and supplies for full program is approximately $\$ 2,000$.

## Nursing Specialization

Offered at Clarkesville, Blairsville, and Currahee Campuses.

## Occupational Courses

Total 40 credit hours
ALHS 1040 Introduction to Health Care 3
BIOL 2113 Anatomy and Physiology I 3
BIOL 2113L Anatomy and Physiology Lab I 1
BIOL 2114 Anatomy and Physiology II 3
BIOL 2114L Anatomy and Physiology Lab II 1
BIOL 2117 Introductory Microbiology 3
BIOL 2117L Introductory Microbiology Lab 1
COLL 1010 College and Career Success Skills 3
NAST 1100 Nurse Aide Fundamentals 6
PSYC 2103 Human Development 3
Electives 13
Estimated cost of books and supplies for full program is approximately $\$ 2,500$.

## Specialization General Education Advisement Recommendations

## ACCOUNTING SPECIALIZATION

Area I Language Arts/Communication
ENGL 1101 Composition and Rhetoric (3) (required)
ENGL 1102 Literature and Composition (3) (required)
Area II Social/Behavioral Sciences ..... 6
PSYC 1101 Introductory Psychology (3) (required)
(select an additional 3 hours from Area II)*
Area III Natural Sciences/Mathematics ..... 6-7
(one of the following required)MATH 1101 Mathematical Modeling(3)
MATH 1103 Quantitative Skills and Reasoning

MATH 1111 College Algebra
(select an additional 3-4 hours from Area III)*
Area IV Humanities/Fine Arts
ARTS 1101 Arts Appreciation
MUSC 1101 Music Appreciation
ENGL 2130 American Literature
HUMN 1101 Introduction to Humanities
*See General Education Requirements for Associate Degrees for course options.

## MEDICAL LAB SPECIALIZATION

| Area I Language Arts/Communication | 6 |
| :--- | :---: |
| ENGL 1101 Composition and Rhetoric (3) (required) |  |
| ENGL 1102 Literature and Composition (3) (required) | 6 |
| Area II Social/Behavioral Sciences |  |
| PSYC 1101 Introductory Psychology (3) (required) |  |
| (select an additional 3 hours from Area II)* |  |

Area III Natural Sciences/Mathematics
(one of the following required)
MATH 1101 Mathematical Modeling
MATH 1111 College Algebra
MATH 1127 Introduction to Statistics
(select an additional 3-4 hours from Area III)*
Area IV Humanities/Fine Arts 3 (one of the following required)

ARTS 1101 Arts Appreciation
MUSC 1101 Music Appreciation
ENGL 2130 American Literature
HUMN 1101 Introduction to Humanities
*See General Education Requirements for Associate Degrees for course options.
EARLY CHILDHOOD CARE AND EDUCATION SPECIALIZATION

| Area I Language Arts/Communication | 6 |
| :--- | :---: |
| ENGL 1101 Composition and Rhetoric (3) (required) |  |
| ENGL 1102 Literature and Composition (3) (required) | 6 |
| Area II Social/Behavioral Sciences |  |
| PSYC 1101 Introductory Psychology (3) (required) <br> (select an additional 3 hours from Area II)* |  |

Area III Natural Sciences/Mathematics
(one of the following required)
MATH 1101 Mathematical Modeling
MATH 1103 Quantitative Skills and Reasoning
MATH 1111 College Algebra
(select an additional 3-4 hours from Area III)*
Area IV Humanities/Fine Arts
(one of the following required)
ARTS 1101 Arts Appreciation
MUSC 1101 Music Appreciation
ENGL 2130 American Literature
HUMN 1101 Introduction to Humanities
*See General Education Requirements for Associate Degrees for course options

## NURSING SPECIALIZATION

Area I Language Arts/Communication 6
ENGL 1101 Composition and Rhetoric (3) (required)
ENGL 1102 Literature and Composition (3) (required)
Area II Social/Behavioral Sciences 6
PSYC 1101 Introductory Psychology (3) (required)
(select an additional 3 hours from Area II)*
Area III Natural Sciences/Mathematics 6-7
(one of the following required)
MATH 1101 Mathematical Modeling
MATH 1111 College Algebra
(select an additional 3-4 hours from Area III)*
Area IV Humanities/Fine Arts
(one of the following required)
ARTS 1101 Arts Appreciation
MUSC 1101 Music Appreciation
ENGL 2130 American Literature
HUMN 1101 Introduction to Humanities
*See General Education Requirements for Associate Degrees for course options.

SCHOOL OF ARTS AND SCIENCES
Technical Specialist Certificate (TC31)
Offered at Clarkesville, Blairsville, and Currahee Campuses


#### Abstract

Entrance Dates $\qquad$ Fall, Spring, Summer Length of Program 3 Terms Credit Hours Required for Graduation 36

Purpose: The Technical Specialist certificate program prepares students for positions in business that require technical proficiency to translate technical information to various audiences and in various formats using written and oral communication skills.


## Admission Requirements:

- Age 16 or older or student with dual/joint enrollment in high school or GED ${ }^{\circledR}$ student seeking access to quality instruction at the postsecondary level
- High school diploma or GED ${ }^{\circledR}$
- Completion of application process including placement test; or provide SAT or ACT scores (Note: Appropriate placement scores for degree-level courses are higher than for diploma- or certificatelevel courses)


## Program Courses

## AREA I - Language Arts/Communication

Total 3 Credit Hours
ENGL 1101 Composition and Rhetoric
AREA II - Social/Behavior Sciences
Total 6 Credit Hours
(Select 6 hours from the following)
ECON 1101 Principles of Economics 3
HIST 1111 World History I (to 1500) 3
HIST 1112 World History II (since 1500) 3
HIST 2111 U.S. History I (to 1877) 3
HIST 2112 U.S. History II (since 1865) 3
PSYC 1101 Introductory Psychology 3
SOCI 1101 Introduction to Sociology 3
AREA III - Natural Sciences/Mathematics
Total 3 Credit Hours
(Select 3 hours from the following)
MATH 1101 Mathematical Modeling 3
MATH 1103 Quantitative Skills and Reasoning 3
MATH 1111 College Algebra 3
MATH 1113 Pre-calculus 3
MATH 1127 Introduction to Statistics 3
BIOL 1111 BiologyI 3
BIOL 1111L Biology I Lab 1
CHEM 1211 ChemistryI 3
CHEM 1211L Chemistry Lab I 1
PHYS 1110 Conceptual Physics 3
PHYS 1110L Conceptual Physics Lab 1

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AREA IV - Humanities/Fine Arts
Total 6 Credit Hours
(Select 6 hours from the following)
ARTS 1101 Art Appreciation 3
ENGL 2130 American Literature 3
MUSC 1101 Music Appreciation 3
General Education Core Electives
Total 6 Credit Hours
(Select 6 hours from the following)
ARTS 1101 Art Appreciation 3
CHEM 1211 ChemistryI 3
CHEM 1211L Chemistry I Lab 1
CHEM 1212 Chemistry II 3
CHEM 1212L Chemistry II Lab 1
ECON 1101 Principles of Economics 3
ECON 2106 Microeconomics 3
ENGL 1102 Literature and Composition 3
ENGL 1105 Workplace and Technical Communications 3
ENGL 2130 American Literature 3
HIST 1111 World History I (to 1500) 3
HIST 1112 World History II (since 1500) 3
HIST 2111 U.S. History I (to 1877) 3
HIST 2112 U.S. History II (since 1865) 3
MATH 1101 Mathematical Modeling 3
MATH 1103 Quantitative Skills and Reasoning 3
MATH 1111 College Algebra 3
MATH 1113 Pre-calculus 3
MATH 1127 Introduction to Statistics 3
MATH 1131 Calculus I 4
MATH 1132 Calculus II 4
MUSC 1101 Music Appreciation 3
PHYS 1110 Conceptual Physics 3
PHYS 1110L Conceptual Physics Lab 1
PHYS 1111 Introductory Physics I 3
PHYS 1111L Introductory Physics I Lab 1
PHYS 1112 Introductory Physics II 3
PHYS 1112L Introductory Physics II Lab 1
PSYC 1101 Introductory Psychology 3
PSYC 2103 Human Development 3
SOCI 1101 Introduction to Sociology 3
SPCH 1101 Public Speaking 3
Occupational Guided Electives
(Select 9 hours from the following)
ACCT 1100 Financial Accounting I 4
ACCT 2145 Personal Finance 3
AIRC 1005 Refrigeration Fundamentals 4

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AIRC 1030 HVACR Electrical Fundamentals 4
BUSN 1100 Introduction to Keyboarding 3
BUSN 1300 Introduction to Business 3
CIST 1001 Computer Concepts 4
CIST 1305 Program Design and Development 3
CRJU 1010 Introduction to Criminal Justice 3
CUUL 1000 Fundamentals of Culinary Arts 4
ECCE 1101 Introduction to Early Childhood Care and Education 3
ENGT 1000 Introduction to Engineering Technology 3
ESCI 1020 Introduction to GIS 3
HORT 1000 Horticulture Science 3
HORT 1080 Pest Management 3
IDSY 1190 Fluid Power Systems 4
MGMT 1115 Leadership 3
MGMT 1125 Business Ethics 3
PHOT 1103 Camera Techniques 3
PHOT 1105 Digital Imaging I 3
Estimated cost of books and supplies for full program is approximately $\$ 1,200$.

