SCHOOL OF ARTS AND SCIENCES

Associate of Science in General Studies (AC73)

Offered at Clarkesville, Blairsville, and Currahee Campuses

Entrance Dates	Fall, Spring, Summer
Length of Program	4 Terms
Credit Hours Required for Graduation	

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® student seeking
 access to quality instruction at the postsecondary level
- High school diploma or GED®
- 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 certificate-level courses)

Program Courses	<u>Credits</u>
Basic Skills Courses	Total 3 credit hours
COLL 1010 College and Career Success Skills	3
Area I – Language Arts/Communication	Total 6 Credit Hours
ENGL 1101 Composition and Rhetoric (required) (One of the following required)	3
ENGL 1102 Literature and Composition	3
SPCH 1101 Public Speaking	3
Area II – Social/Behavior Sciences (Select 12 hours from the following)	Total 12 Credit Hours
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 (One of the following required)	Total 10 Credit Hours
MATH 1101 Mathematical Modeling	3
MATH 1103 Quantitative Skills and Reasoning	3
MATH 1111 College Algebra	3
MATH 1127 Introduction to Statistics	3
Page 175 of 389	August 2024

NGTC Catalog / Student Handbook	2024 – 2025
SCHOOL OF ARTS AND SCIENCES (Select an additional 7 hours from the following)	
MATH 1101 Mathematical Modeling	3
MATH 1101 Mathematical Modeling MATH 1103 Quantitative Skills and Reasoning	3
MATH 1111 College Algebra	3
MATH 1111 College Algebra MATH 1113 Pre-calculus	3
MATH 1113 Pre-calculus MATH 1127 Introduction to Statistics	3
MATH 1131 Calculus I	3
BIOL 1111 Biology I	3
BIOL 1111 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 2114 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	Total 6 Credit Hours
(Select 6 hours from the following)	Total o cicale modis
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 Biology I	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
Dans 176 of 200	August 2024

Page **176** of **389** August **2024**

NGTC C	atalog /	Stude	nt Handbook	2024 – 2025
			SCHOOL OF ARTS AND SCIENCES	_
	HIST		World History II (since 1500)	3
	HIST		U.S. History I (to 1877)	3
	HIST		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
Genera	l Studies	s Electi	ives	Total 20 Credit Hours
(Select	20 hour	s 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	Biology I	3
	BIOL	1111L	Biology I Lab	1
	BIOL		Biology II	3
	BIOL	1112L	Biology II Lab	1
	CHEM		Survey of Inorganic Chemistry	3
			Survey of Inorganic Chemistry Lab	1
			Survey of Organic Chemistry and Biochemistry	3
			Survey of Organic Chemistry and Biochemistry Lab	1
	CIST		Structured Query Language	4
	CIST		Program Design and Development	3
	CIST		Web Development	3
	CIST		Scripting Technologies	3
	CIST		C# Programming I	4
	CIST		C# Programming II	4
	CIST		PHP Programming I	4
	CIST		PHP Programming II	4
	CIST		Java Programming I	4
	CIST		Java Programming II	4
	CIST		Web Development II	3
	CIST	2330	ves sevelopment ii	August 2024

Page **177** of **389** August **2024**

NGTC Catalog	/ Stude	nt Handbook	2024 – 2025
		SCHOOL OF ARTS AND SCIENCES	
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

Page **178** of **389** August **2024**

SCHOOL OF ARTS AND SCIENCES

Early College Essentials Certificate (EC21)

Offered at Clarkesville, Blairsville, and Currahee Campuses

Entrance Dates	Fall, Spring, Summer
Length of Program	2 Terms
Credit Hours Required for Graduation	18

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® student seeking
 access to quality instruction at the postsecondary level
- High school diploma or GED[®]
- 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 certificate-level courses)

icver cours	503/	
Program Course	<u>es</u>	Credits
	1101 Composition and Rhetoric	3
(Select 15-16 tot	tal hours from the following)	
	1101 Art Appreciation	3
BIOL	1111 Biology I	3
	1111L Biology I Lab	1
BIOL 2	2113 Anatomy and Physiology I	3
BIOL 2	2113L Anatomy and Physiology I Lab	1
BIOL 2	2114 Anatomy and Physiology II	3
BIOL 2	2114L Anatomy and Physiology II Lab	1
BIOL 2	2117 Introductory Microbiology	3
BIOL 2	2117L Introductory Microbiology Lab	1
CHEM	1151 Survey of Inorganic Chemistry	3
CHEM	1151L Survey of Inorganic Chemistry Lab	1
CHEM	1211 Chemistry I	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

Page **179** of **389** August **2024**

NGTC Catalog	Stude		2024 – 2025
		SCHOOL OF ARTS AND SCIENCES	
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
SOCI	1101	Introduction to Sociology	3
SPCH	1101	Public Speaking	3

Estimated cost of books and supplies for full program is approximately \$500.

Page **180** of **389** August **2024**

SCHOOL OF ARTS AND SCIENCES 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®
- 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 (Some specializations require specific general education courses. See Specialization General Education Requirements below.)			
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 (one of the following required)	6-7		
MATH 1101 Mathematical Modeling	(3)		
MATH 1103 Quantitative Skills and Reasoning	(3)		
MATH 1111 College Algebra	(3)		
(select an additional 3-4 hours from area III)*			
Area IV Humanities/Fine Arts (one of the following required)	3		
ARTS 1101 Arts Appreciation	(3)		
MUSC 1101 Music Appreciation	(3)		
ENGL 2130 American Literature	(3)		
HUMN 1101 Introduction to Humanities	(3)		

Page 181 of 389 August 2024

*See General Education Requirements for Associate Degrees for course options.

SCHOOL OF ARTS AND SCIENCES

One of the following specializations must be chosen:

Accounting Specialization

Offered at Blairsville, Clarkesville, and Currahee Campuses

Occupational Courses			Total 40 credit hours	
ACCT	1100	Financial Accounting	4	
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	
Elective	es		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 o		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 Chemistry I	3
CHEM	1211L Chemistry Lab I	1
OR		
CHEM	1151 Survey of Inorganic Chemistry	(3)
CHEM	1151L Survey of Inorganic Chemistry Lab	(1)
COLL	1010 College and Career Success Skills	3
PHLT	1030 Introduction to Venipuncture	3
PHLT	1050 Clinical Practice	5
Flectiv	es	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	
COLL	1010	College and Career Success Skills	3
ECCE	1101	Intro to Early Childhood Care and Education	3
ECCE	1105	Health, Safety and Nutrition	3
ECCE	1112	Curriculum and Assessment	3
ECCE	1113	Creative Activities for Children	3
Daga 192 of 390			August 2024

August 2024 Page **182** of **389**

NGTC Catalog / Student Handbook SCHOOL OF ARTS AND SCIENCES	2024 – 2025	
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	(3)	
Electives	13	
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	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)	(0)	
MATH 1101 Mathematical Modeling	(3)	
MATH 1103 Quantitative Skills and Reasoning	(3)	
MATH 1111 College Algebra	(3)	
(select an additional 3-4 hours from Area III)*	2	
Area IV Humanities/Fine Arts (one of the following required)		
ARTS 1101 Arts Appreciation	(3)	
MUSC 1101 Music Appreciation	(3)	
ENGL 2130 American Literature	(3)	
HUMN 1101 Introduction to Humanities	(3)	
Page 183 of 389	August 2024	

NGTC Catalog / Student Handb		2024 – 2025
*Con Conoral Education Dogwin	SCHOOL OF ARTS AND SCIENCES	
•	ements for Associate Degrees for course options.	
MEDICAL LAB SPECIALIZATION		_
Area I Language Arts/Communi		6
·	ition and Rhetoric (3) (required)	
	e and Composition (3) (required)	
Area II Social/Behavioral Science		6
	tory Psychology (3) (required)	
(select an additional 3	hours from Area II)*	
Area III Natural Sciences/Mathe (one of the following required)		6-7
MATH 1101 Mathem	atical Modeling	(3)
MATH 1111 College	Algebra	(3)
MATH 1127 Introduc	tion to Statistics	(3)
(select an additional 3	-4 hours from Area III)*	
Area IV Humanities/Fine Arts (one of the following required)		3
ARTS 1101 Arts App	reciation	(3)
MUSC 1101 Music A	opreciation	(3)
ENGL 2130 America	n Literature	(3)
HUMN 1101 Introduc	tion to Humanities	(3)
*See General Education Require	ements for Associate Degrees for course options.	
EARLY CHILDHOOD CARE AND		
Area I Language Arts/Communi	cation	6
	ition and Rhetoric (3) (required)	
•	re and Composition (3) (required)	
Area II Social/Behavioral Science	es	6
•	tory Psychology (3) (required)	
(select an additional 3		
Area III Natural Sciences/Mathe (one of the following required)	ematics	6-7
MATH 1101 Mathem		(3)
MATH 1103 Quantita	itive Skills and Reasoning	(3)
MATH 1111 College	Algebra	(3)
(select an additional 3	-4 hours from Area III)*	
Area IV Humanities/Fine Arts (one of the following required)		3
ARTS 1101 Arts App		(3)
MUSC 1101 Music A		(3)
ENGL 2130 America	·	(3)
HUMN 1101 Introduc	tion to Humanities	(3)
*See General Education Require	ements for Associate Degrees for course options	

Page **184** of **389** August **2024**

NGTC Catalog / St	udent Handbook SCHOOL OF ARTS AND SCIENCES	2024 – 2025
NURSING SPECIAL	IZATION	
Area I Language Ai	ts/Communication	6
ENGL 11	01 Composition and Rhetoric (3) (required)	
ENGL 11	02 Literature and Composition (3) (required)	
Area II Social/Beha	vioral Sciences	6
PSYC 11	01 Introductory Psychology (3) (required)	
(select an	additional 3 hours from Area II)*	
Area III Natural Sci	ences/Mathematics	6-7
(one of the follow	ing required)	
MATH 11	01 Mathematical Modeling	(3)
MATH 11	11 College Algebra	(3)
(select an	additional 3-4 hours from Area III)*	
Area IV Humanitie (one of the follow		3
ARTS 11	01 Arts Appreciation	(3)
MUSC 11	01 Music Appreciation	(3)
ENGL 21	30 American Literature	(3)
HUMN 11	01 Introduction to Humanities	(3)
*Saa Ganaral Educ	ation Requirements for Associate Degrees for course ontions	

Page **185** of **389** August **2024**

SCHOOL OF ARTS AND SCIENCES Technical Specialist Certificate (TC31)

Offered at Clarkesville, Blairsville, and Currahee Campuses

Entrance Dates	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® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- 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 certificate-level courses)

level courses)		
Program Courses	<u>Credits</u>	
Basic Skills Courses	Total 3 Credit Hours	
COLL 1010	College and Career Success Skills	3
AREA I – Language Arts/Communication		Total 3 Credit Hours
ENGL 1101	Composition and Rhetoric	3
AREA II – Social/Behavior Sciences (Select 6 hours from the following)		Total 6 Credit Hours
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
	U.S. History II (since 1865)	3
	Introductory Psychology	3
SOCI 1101	Introduction to Sociology	3
AREA III – Natural Sciences/Mathematics (Select 3 hours from the following)		Total 3 Credit Hours
MATH 1101	Mathematical Modeling	3
MATH 1103	Quantitative Skills and Reasoning	3
MATH 1111	College Algebra	3
MATH 1113	Pre-calculus	3
	Introduction to Statistics	3
	Biology I	3
	L Biology I Lab	1
	Chemistry I	3
	L Chemistry Lab I	1
	Conceptual Physics	3
PHYS 1110	L Conceptual Physics Lab	1

Page **186** of **389** August **2024**

Page **187** of **389** August **2024**

NGTC Catalog	/ Stude	ent Handbook	2024 – 2025
J	•	SCHOOL OF ARTS AND SCIENCES	
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
MGM	T 1115	Leadership	3
MGM	T 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.

Page **188** of **389** August **2024**