



Academic Advising Cheat Sheet for Changes Made to the 2018-2019 Catalog

Registration begins on April 2, 2018 for the summer and fall semesters. All advising for summer 2018 will follow the posted 2017-2018 Catalog. This document outlines important curricular changes for advising for fall 2018 given that the 2018-2019 catalog will not be available prior to registration for classes. This document lists changes to/differences from the 2017-2018 catalog only. Information not contained in this document can be accessed in the published 2017-2018 catalog. Updated 2018-2019 Advising Sheets are also available for help in student advising.

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1. Changes to Course Names and Rubrics

Over the course of several years, TBR convened meetings of faculty across the state to decide upon standard course rubrics and titles to ease the course transfer process. These standardizations go into effect in fall 2018. The left-hand column below is what these classes have been called in the past at Nashville State. The right-hand column is what they will be called beginning fall 2018. Course content has not been altered, so a student working from a 2017-2018 advising sheet or using Degree Works as currently programmed and so a student with degree works should simply enroll in the “new” course represented in the right column. Note – rubric changes made by NSCC are also on this list.

OLD RUBRIC	NEW RUBRIC
ART 1030 – Art Appreciation	ART 1035 – Introduction to Art
ARTH 2010 – Survey of Art History I	ART 2000 – Art History Survey I
ARTH 2020 – Survey of Art History II	ART 2020 – Art History Survey II
ARTP 1010 – Drawing I	ART 1045 – Drawing I
ARTP 1020 – Drawing II	ART 1050 – Drawing II
ARTP 1110 – Two-Dimensional Design	ART 1340 – Foundations Studio I
ARTP 1120 – Three-Dimensional Design	ART 1350 – Foundations Studio II
ARTP 2221 – Painting I	ART 1360 – Painting I
ARTP 2222 – Painting II	ART 1370 – Painting II
ASTR 1020 - Stellar and Galactic Astronomy	ASTR 1020 - Stars + Galaxies Astronomy
BIOL 1000 – Medical Terminology	HLTH 1300 – Medical Terminology
BIOL 1010 - Intro to Biology I	BIOL 1010 - Introduction to Biology
BIOL 1020 - Intro to Biology II	BIOL 1020 - Diversity of Life
BIOL 2211 - General Botany	BIOL 2310 - General Botany I
CHEM 1030 - Fundamentals of Chemistry	CHEM 1050 - Survey of Chemistry
CIT 1230 – Testing of Materials	CIT 1230 – Soils and Foundations
CIT 2301 – Hydraulics and Site Design	CIT 2301 – Site Design w/Civil3D
CITC 2320 – Windows Server Administration	CITC 2320 – Windows Server I
CITC 2323 – MS Network Infrastructure	CITC 2323 – Windows Server II
CITC 2339 – Configuring Advanced Services	CITC 2339 – Windows Server III
CULA 2300 – Food & Beverage Management	CULA 2310 – Food & Beverage Management
ECON 2010 – Macroeconomics	ECON 2100 – Principles of Macroeconomics
ECON 2020 – Microeconomics	ECON 2200 – Principles of Microeconomics
EDUC 2110 - Educational Psychology	EDUC 2210 - Educational Psychology
ENGL 2010 – Literature: Fiction	ENGL 2035 – Introduction to Fiction
ENGL 2110 – Survey of American Lit I	ENGL 2110 – Early American Literature

ENGL 2120 – Survey of American Lit II	ENGL 2120 – Modern American Literature
ENGL 2210 – Survey of British Lit I	ENGL 2210 – Early British Literature
ENGL 2220 – Survey of British Lit II	ENGL 2220 – Modern British Literature
ENGL 2310 – Survey of World Lit I	ENGL 2310 – Early World Literature
ENGL 2320 – Survey of World Lit II	ENGL 2320 – Modern World Literature
GEOG 1030 - Cultural Geography	GEOG 1012 - Cultural Geography
GEOG 1110 - World Regional Geography I	GEOG 1035 - World Regional Geography 1
GEOG 1120 - World Regional Geography II	GEOG 1045 - World Regional Geography 2
GEOG 1110 - Earth Science	GEOG 1030 - Survey of Geology
HIST 1110 - Early World History	HIST 2310 - Early World History
HIST 1120 - Modern World History	HIST 2320 - Modern World History
MATH 1010 - Math for Liberal Arts	MATH 1010 - Math for General Studies
MATH 1410 - Math for Elem Education I	MATH 1410 - Number Concepts for Teachers
MATH 1420 - Math for Elem Education II	MATH 1420 - Geometry Concepts for Teachers
MATH 1530 - Probability/Statistics	MATH 1530 - Introductory Statistics
MATH 1710 - Precalculus I	MATH 1710 - Precalculus Algebra
MATH 1720 - Precalculus II	MATH 1720 - Precalculus Trigonometry
MATH 1830 - Concepts of Calculus	MATH 1830 - Applied Calculus
MATH 1910 - Calculus & Analytic Geom I	MATH 1910 - Calculus I
MATH 1920 - Calculus & Analytic Geom II	MATH 1920 - Calculus II
MATH 2010 - Linear Algebra	MATH 2010 - Introduction to Linear Algebra
MATH 2110 - Calculus & Analytic Geom III	MATH 2110 - Calculus III
MUS 1030 – Music Appreciation	MUS 1030 – Introduction to Music
MUS 1307 – Campus Choir	MUS 1307 – Campus Choir I
PHIL 1111 – Introduction to Ethics	PHIL 1040 – Introduction to Ethics
PHIL 2202 – Philosophy of Religion	PHIL 2430 – Philosophy of Religion
PHYS 2010 - Non-Calculus Based Physics I	PHYS 2010 - Non-Calculus Physics I
PHYS 2020 - Non-Calculus Based Physics II	PHYS 2020 - Non-Calculus Physics II
POLS 1111 - Intro to Political Science	POLS 1010 - Introduction to Political Science
POLS 2010 - State and Local Government	POLS 2025 State and Local Govt
PSYC 1030 - General Psychology	PSYC 1030 - Introduction to Psychology
PSYC 2130 - Life Span Psychology	PSYC 2130 - Lifespan Development Psychology
SOCI 1020 - Social Problems	SOCI 1040 Social Problems

SPCH 1010 – Fundamentals of Speech Comm	COMM 2025 – Fundamentals of Communication
SPCH 1112 – Speech	COMM 2045 – Public Speaking
SPCH 2111 – Interpersonal Skills	COMM 2090 – Interpersonal Communication
SPCH 2112 – Advanced Public Speaking	COMM 2065 – Advanced Public Speaking
SPCH 2222 – Business and Professional Comm	COMM 2085 – Business and Professional Comm
THEA 1025 – Acting I	THEA 1015 – Acting I
THEA 1030 – Theatre Appreciation	THEA 1030 – Introduction to Theatre
THEA 1035 – Acting II	THEA 2015 – Acting II

2. New or Terminated Programs

NEW - Associate of Applied Science – AAS – Criminal Justice

Major: Criminal Justice - AAS

Nashville State Community College

Credit Hours Required: 61-62

Courses

The following list of degree requirements is for informational purposes only and may be subject to change. Upon acceptance to the institution, you should work closely with an academic advisor to ensure that your degree and course plans are current and accurate.

General Education: 16-17 credit hours

ENGL 1010 - English Composition I - 3 credit hours

COMM 2025 – Fundamentals of Communication - 3 credit hours

MATH 1010 or higher OR a Natural Science Elective - 3/4 credit hours

Humanities/Fine Arts Elective - 3 credit hours

Social/Behavioral Science Elective - 3 credit hours

NSCC 1010 – First Year Experience – 1 credit hour

Major Core Courses: 15 credit hours

CRMJ 1010 - Introduction to Criminal Justice - 3 credit hours

CRMJ 1020 - Introduction to Legal Process - 3 credit hours

CRMJ 1340 - Criminal Investigation - 3 credit hours

CRMJ 2010 - Introduction to Law Enforcement - 3 credit hours

CRMJ 2020 - Introduction to Corrections - 3 credit hours

Criminal Justice Electives: 15 credit hours

CRMJ 1311 - Criminal Law - 3 credit hours

CRMJ 1330 - Criminal Evidence and Procedures - 3 credit hours

CRMJ 1360 - Introduction to Crime Scene Investigation - 3 credit hours

CRMJ 2312 - Criminology - 3 credit hours

CRMJ 2332 - Drug Identification and Effects - 3 credit hours

CRMJ 2340 - Investigative Report Writing - 3 credit hours

Electives - 15 credit hours

ACCT 1010 - Principles of Accounting I** - 3 credit hours

INFS 1010 - Introduction to Computer Applications** - 3 credit hours

POLS 1010 - Introduction to Political Science - 3 credit hours

POLS 1030 - American Government** - 3 credit hours

PSYC 1030 – Introduction to Psychology** - 3 credit hours

PSYC 2120 - Social Psychology** - 3 credit hours

PSYC 2130 - Life Span Development** - 3 credit hours

SOCI 1010 - Introduction to Sociology** - 3 credit hours

SOCI 1040 - Social Problems** - 3 credit hours

SOCI 2010 - Marriage and Family** - 3 credit hours

Any CRMJ course in the Common Curriculum Library

****May be taken as an elective only if the course is not being used to meet a General Education Requirement elective.**

NEW - Associate of Science in Teaching (AST) Secondary English Education (TTP)

	SECONDARY EDUCATION ENGLISH	(TTP)
	ASSOCIATE OF SCIENCE IN TEACHING	(Degree)
	GENERAL EDUCATION REQUIREMENTS	CREDIT HOURS
	COMMUNICATION	9
Course 1	ENGL 1010: Composition I	3
Course 2	ENGL 1020: Composition II	3
Course 3	COMM 2025: Fundamentals of Communication (or other approved speech/communication course)	3
	HUMANITIES & FINE ARTS (minimum 1 course in literature)	9
Course 1	Any approved Humanities or Fine Arts General Education course	3
Course 2	Any approved Humanities or Fine Arts General Education course	3
Course 3	(literature) Any approved World Literature General Education course	3
	SOCIAL/BEHAVIORAL SCIENCES	6
Course 1	PSYC 1030: Introduction to Psychology	3
Course 2	Any approved Social/Behavioral Science General Education course	3
	HISTORY	6
Course 1	Any approved History General Education course	3
Course 2	Any approved History General Education course	3
	NATURAL SCIENCES	8
Course 1	Any approved Natural Sciences General Education course with lab	4
Course 2	Any approved Natural Sciences General Education course with lab	4
	MATHEMATICS	3
Course 1	MATH 1530: Introductory Statistics	3
	GENERAL EDUCATION TOTAL	41
	AREA OF EMPHASIS REQUIREMENTS	
Course 1	Introduction to/Foundations of Education	3
Course 2	Introduction to Special Education or Educational Psychology course	3
Course 3	Select from Early American Literature, Modern American Literature, Early British Literature and Modern British Literature*	3
Course 4	Select from Early American Literature , Modern American Literature, Early British Literature and Modern British Literature*	3
	FOREIGN LANGUAGE	6
	ELECTIVES (unspecified)	1
	AREA OF EMPHASIS REQUIREMENTS & ELECTIVES TOTAL	19
	DEGREE TOTAL	60

NEW - Associate of Arts – AA – General Studies

Required: 41 hours of general education core, NSCC 1010, SPAN 1010, SPAN 1020

Area of Emphasis:

1 History course from list of General Education Core courses not applied to 41 hours of general education core for degree (3 Credits)

1 Humanities course from list of General Education Core courses not applied to 41 hours of general education core for degree (3 Credits)

1 Social Science course from list of General Education Core courses not applied to 41 hours of general education core for degree (3 Credits)

1 Philosophy course from list of General Education Core courses not applied to 41 hours of general education core for degree (3 Credits)

NEW - Associate of Science – AS – General Studies

Required: 41 hours of general education core, NSCC 1010

Area of Emphasis:

1 Mathematics course from list of General Education Core courses not applied to 41 hours of general education core for degree (3 Credits)

1 Natural Science lab course from list of General Education Core courses not applied to 41 hours of general education core for degree (4 Credits)

1 History course from list of General Education Core courses not applied to 41 hours of general education core for degree (3 Credits)

1 Humanities course from list of General Education Core courses not applied to 41 hours of general education core for degree (3 Credits)

1 Social Science course from list of General Education Core courses not applied to 41 hours of general education core for degree (3 Credits)

TERMINATED – Technical Certificate – Web Page Authoring

TERMINATED - Associate of Applied Science – AAS – Web Technology

3. Changes to Existing Programs

Accounting and Business Administration TTPs –

- Change in math requirements to align with TTP pathways in Finance, Management, and Marketing.
- Accounting and Business Administration require MATH 1530 and MATH 1630 or MATH 1130 or MATH 1710 and MATH 1830.
- See notes at the bottom of the TTP Accounting and Business Administration advising sheets for specific math requirements at Tennessee Public Universities.

Architectural, Civil and Construction Engineering Technology, Architectural Concentration –

- Add ACT 1392 History of Architecture II as a requirement to be offered spring of first year
- Add a 3-credit-hour Technical Elective to the second year fall semester curriculum.
- Change ACT 2123 Architectural Presentations to 3-credit-hour course (currently 2 credit hours) (separate submission to Curriculum Committee is being made).
- Delete MATH 1720 Pre-Calculus II as a requirement.
- Delete PHYS 2010 as a requirement,

Business AAS – Entrepreneurship Concentration

- Replaced BUSN 2325 Financial Mgmt & Budgeting with a Technical Elective.
- See advising sheet for Technical Elective options.

Business AAS – Marketing Retailing Concentration AAS

- Replacement of BUSN 2325 with ENTR 1700.

Central Sterile Processing –

- Remove college-level math prerequisite as a program admission requirement. It is a deterrent to applications and there is nothing in the program content that warrants this requirement. It will not impact curriculum, there are no standards or accreditation guidelines prohibiting this change.

Culinary Arts AAS Program –

- Changed course number for CULA 2300 Food & Beverage Management to CULA 2310.
- Addition of CULA 1200 Sanitation and Food Safety and CULA 1320 Culinary I (Fundamentals) as co- or prerequisites for CULA 1321 with a grade of C or higher.
- Addition of CULA 1200 as a co and or pre-requisite with a grade of C or better for CULA 1325.

- Addition of CULA 1200 Sanitation and Food Safety as a pre-requisite with a C or better for CULA 1330 Garde Manger.
- Addition of CULA 1200 Sanitation and Food Safety with a grade of C or better as a prerequisite for CULA 2376 International Food.
- Addition of CULA 1200 as a prerequisite for CULA 2390.
- Addition of CULA 1200 Sanitation and Food Safety with a grade of C or higher as a prerequisite for CULA 2380 Culinary Internship.
- Deletion of CULA 1200 and CULA 1320 as co/prerequisites for CULA 1310.
- Deletion of CULA 1200 as a co- or prerequisite for CULA 1320 Culinary I (Fundamentals).

Computer Information Technology

- CITC 1325 replaced by CITC 2360 in appropriate majors (see new courses).

Early Childhood Education –

- Add ECED 2310 as a prerequisite to ECED 2335.
- Delete prerequisite of ECED 2315 from ECED 2340.
- Include EDUC 2120, Intro to Special Education, as a choice with ECED 2360, Development of Exceptional Children, within the Pre K-3 TTP. This gives students more flexibility in course scheduling.

Economics TTPs –

- Reduction of TTP pathways in Economics from 5 to 2.
- New pathways include: ECON AA Degree and ECON AS Degree
- See notes at the bottom of the TTP ECON AA and ECON AS advising sheets for specific course requirements at Tennessee Public Universities.

Electrical Engineering Technology AAS – Curriculum Change – see new course descriptions in next section

2017-2018	2018-2019
NSCC 1010 First Year Experience	NSCC 1010 First Year Experience
General Education	
ECON 2010 Macroeconomics	ECON 2010 Macroeconomics
ENGL 1010 English Composition I	ENGL 1010 English Composition I
Humanities/Fine Arts Elective	Humanities/Fine Arts Elective
MATH 1630 Finite Mathematics	MATH 1630 Finite Mathematics Or MATH 1530 Introductory Statistics

PSCI 1030 Survey of Physical Science	PSCI 1030 Survey of Physical Science Or PSCI 1010 Survey of Physical Science I
SPCH 1010 Fundamentals of Speech Comm Or SPCH 1112 Speech	COMM 2025 Fundamentals of Communication or COMM 2045 Public Speaking
Electrical Engineering Technology	
CAD 1200 Computer-Aided Drafting I	ENST 1311 Computer Aided Design I
ENGT 1000 Intro to Engr Technology	EETC 1300 Intro to Engr Technology
EETH 1110 Electric Circuits	EETC 1313 DC Circuits
EETH 1115 Electric Circuits Lab	EETH 1314 AC Circuits
EETH 1210 Electronic Circuits	EETC 1321 Electronics I
EETH 1215 Electronic Circuits Lab	EETC 1322 Electronics II
EETH 1220 Transformers/Rotating Machines	EETC 1370 Transformers/Rotating Machines
EETH 1225 Transformers/Rotat. Mach. Lab	
EETH 1400 Digital Electronics	EETC 1331 Digital Fundamentals
EETH 1405 Digital Electronics Lab	
EETH 2010 Industrial Electronic Controls	EETC 2333 Industrial Electronic Controls
EETH 2015 Industrial Elec. Controls Lab	
EETH 2240 Instrumentation	EETC 2361 Instrumentation Technology
EETH 2245 Instrumentation Lab	
EETH 2410 Hydraulics and Pneumatics	ENST 2361 Fluid Power Systems
EETH 2600 Automatic Control Systems	EETC 2331 PLC I
	EETC 2332 PLC II
EETH 2640 Electrical Code	EETC 2380 Electrical Code
EETH 2800 Electrical Capstone Course	EETC 2190 Capstone

Elementary Education K-5 Associate Science in Teaching (AST) Degree will now be offered as a TTP

English TTP AA –

- ENGL 2118 – Creative Writing I is now an elective in the English TTP.

Entrepreneurship Concentration – AAS Business

- Replace BUSN 2325 Financial Mgmt & Budgeting with a Technical Elective. For their Technical Elective, students may choose any BUSN, LOGI or related course approved by their advisor or a co-op internship.
- Delete ENTR 1600 as a prerequisite for ENTR 1700.

Healthcare Management AAS

- Add Level 2 placement in Math to HCMT 2315 and HCMT 2350.
- Reduction of hours of HMGMT 2910 to 2 hours (will provide 200 hours of practical experience in hospitality management).
- Replace CITC 1305 with ENTR 1700.

Hospitality & Tourism Management AAS

- Addition of CULA 1240 Dining Room Service (2 credit hours).
- Reduction of credit hours from 3 to 2 for HCMT 2910 Hospitality Internship.
- Replaced HMGMT 1010 Foundations of Hospitality with CULA 2310 Food & Beverage Management.
- See advising sheet for semester by semester degree plan.

Industrial Electrical Maintenance Technical Certificate Change – see new course descriptions in next section

2017-2018	2018-2019
EETH 1100 Electrical Maintenance Orient.	EETC 1300 Intro to Engr Technology
EETH 1110 Electric Circuits	EETC 1313 DC Circuits
EETH 1115 Electric Circuits Lab	EETH 1314 AC Circuits
EETH 1200 Electronics for Ind Elec	EETC 1321 Electronics I
EETH 1220 Transformers/Rotating Machines	EETC 1370 Transformers/Rotating Machines
EETH 1225 Transformers/Rotat. Mach. Lab	
EETH 1400 Digital Electronics	EETC 1331 Digital Fundamentals
EETH 1405 Digital Electronics	
EETH 2010 Industrial Electronic Controls	EETC 2333 Industrial Electronic Controls
EETH 2015 Industrial Elec. Controls Lab	
EETH 2410 Hydraulics and Pneumatics	ENST 2361 Fluid Power Systems
EETH 2600 Automatic Control Systems	EETC 2331 PLC I
	EETC 2332 PLC II

EETH 2640 Electrical Code	EETC 2380 Electrical Code
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Music TTP AFA – Changes to Curriculum

	GENERAL EDUCATION REQUIREMENTS	CREDIT HOURS
	COMMUNICATION	9
Course 1	English 1010: Composition I	3
Course 2	English 1020: Composition II	3
Course 3	Any approved speech/communication General Education course	3
	HUMANITIES & FINE ARTS (minimum 1 course in literature)	3
Course 1	MUS 1030 Introduction to Music	3
	SOCIAL/BEHAVIORAL SCIENCES	6
Course 1	ECON 2010 Macroeconomics	3
Course 2	Any approved Social/Behavioral Sciences General Education course	3
	HISTORY	6
Course 1	Any approved History General Education course	3
Course 2	Any approved History general education course	3
	NATURAL SCIENCES	8
Course 1	Any approved Natural Sciences General Education elective	4
Course 2	Any approved Natural Sciences General Education elective	4
	MATHEMATICS	3
Course 1	Any approved Mathematics General Education elective	3
	GENERAL EDUCATION TOTAL	35*
	AREA OF EMPHASIS REQUIREMENTS (Major)	
Course 1	Music Theory I	3
Course 2	Music Theory II	3
Course 3	Music Theory III	3
Course 4	Ear Training I	1
Course 5	Ear Training II	1
Course 6	Ear Training III	1
	Lessons	8
	Ensembles (appropriate to applied area)	4
	Piano I <i>or Applied Study in Piano</i>	1
	Piano II <i>or Applied Study in Piano</i>	1
	FOREIGN LANGUAGE	0
	ELECTIVES (unspecified)	0
	AREA OF EMPHASIS REQUIREMENTS & ELECTIVES TOTAL	26
	DEGREE TOTAL	61

NOTES: *Students will complete the remaining six hours of the humanities requirement, including one course in literature, at universities upon transfer. Students who plan to transfer to the University of Memphis should complete a course in literature rather than music appreciation. **Students must successfully complete placement requirements in music theory, ear training, **musicology** and piano **as required by** the university where transfer is planned. Students must successfully complete required university auditions **prior to admission**. Auditions by universities take place in Semester 3 or early in Semester 4. Plan ahead.

- **MUS 1070 – Music Theory** no longer requires MUS 1010 as a prerequisite course.
- **MUS 1071 – Aural Skills I** no longer requires MUS 1010 as a prerequisite course.

Philosophy AA/AS TTP –

- The A.A. and A.S. in Philosophy were changed from University Parallel degrees to TTP degrees in AY 2016-2017 through the NSCC Curriculum Committee. We neglected to designate that all 2000-level philosophy courses should count toward the TTP; students currently taking these courses or seeking to transfer them in from other institutions cannot apply them to their degrees because they are not designated as counting toward the TTP. To rectify the situation, the proposal is to add the attribute of TBR/UT Transfer Path Course to the following courses, all of which will be in the 2018-2019 Catalog:

PHIL 2021 – Philosophy in Movies
 PHIL 2023 – Recent European Philosophy
 PHIL 2024 – Environmental/Animal Ethics
 PHIL 2300 – Ethics in Medicine

The words “Not part of a Tennessee Transfer Pathway will be removed from the course description for these courses.”

Psychology TTP AA/AS –

- TBR has made PSYC 1030 one of the required social science general education requirements rather than an area of emphasis elective in the Psychology AA/AS TTP. The area of emphasis will now include 6 hours of psychology electives and 13 hours of general electives.

Retail Management – Technical Certificate

- Change BUSN 2387 co-/prerequisites to 1700; prerequisites to ADMN 1310, BUSN 1360, 2350, 2330, 2340, 2380.
- Replace BUSN 2325 with ENTR 1700.

Special Education – general education options have been expanded in the TTP

SPECIAL EDUCATION	(Major) ASSOCIATE OF SCIENCE
PROGRAM REQUIREMENTS	

SEMESTER & COURSES	CREDIT HOURS	SEMESTER & COURSES
<i>Semester 1 (Fall)</i>		<i>Semester 2 (Spring)</i>
English 1010: Composition I	3	English 1020: Composition II
MATH 1530	3	Speech
Introductory Statistics***		
Introduction to Teaching	3	Geography or Government
BIOL 1010 or 1110	4	Art Appreciation or Music Appreciation
US History*	3	US History*
Subtotal Semester 1	16	Subtotal Semester 2
<i>Semester 3 (Fall)</i>		<i>Semester 4 (Spring)</i>
Humanities/Literature	3	Geography or Government
MATH 1410**	3	MATH 1420
Philosophy or Ethics general education elective	3	Educational Psychology or Lifespan Psychology
		Additional lab science: BIOL 1020 or BIOL 1120 or CHEM 1010 or CHEM 1110 or GEOL 1110***
Introduction to Special Education	3	
Approved General Education Physical Science	4	
Subtotal Semester 3	16	Subtotal Semester 4
		Total Credit Hours
NOTES:		
*Replace with non-US history sequence if intending to transfer to UT-Knoxville or UT-Chattanooga		
**Replace with Intermediate Foreign Language course if intending to transfer to UT-Knoxville		
***Replace with Intermediate Foreign Language course if intending to transfer to UT-Knoxville		

Photography –

- PHO 1230 – Color Lab Fundamentals is replaced with COM 2010 Digital Video I.

Surgical Technology Alignment with Common Course Library

Curriculum

General Education Requirements*

Course 15-16 SCH

1. ENGL 1010 Composition I 3 semester hours
2. *Humanities and/or Fine Arts: 3 semester hours
3. *Social/Behavioral Sciences: 3 semester hours
4. *Natural Science/Mathematics: 3-4 semester hours
5. One additional course from the categories of Communication, Humanities and/or Fine Arts, Social/Behavioral Sciences, or Natural Science/Mathematics 3-4 semester hours

(When faculty design their curriculum, advising templates & curriculum maps should be developed that list one to three specific courses they believe are most appropriate for this discipline. If the students request to take other approved courses, this can be approved by the advisor.)

**All General Education Courses must be chosen from a campus-approved list.*

Professional Core Course Requirements (Major Field Core)

Course 27-28 SCH

SURG 1102 Orientation to Surgical Technology	1 credit
SURG 1305 Surgical Pharmacology	3 credits
SURG 1410 Surgical Technology & Patient Care I	4 credit
SURG 2310 Surgical Microbiology & Asepsis	3 credits
SURG 2420 Surgical Patient Care II	4 credit
SURG 2321 Surgical Procedures I	3 credits
SURG 2330 Surgical Procedures II	3 credits
SURG 2103 Clinical Practicum I	1 credits
SURG 2201 Clinical Practicum II	2 credits
SURG 2302 Clinical Practicum III	3-4 credits

Clinical Course Credit Hour Calculation for Surgical Technology

(based on 1:10 ratio)

Semester Credit Hours	Minimum Contact Hours	Maximum Contact Hours
1	48	150
2	151	300
3	301	450

4	451	600
5	601	750
6	751	900

Common Course Library

(Courses available to be used outside of General Education requirements.)

Course Rubric	Course Title	SCH
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(This list includes the courses identified in the previous section for the Professional Core Course Requirements, i.e., Major Field Core, followed by ALL other courses from which TBR institutions can choose to develop this same program, but with appropriate flexibility to address local and regional workforce needs or unique concerns of an institution. If a certificate program is embedded within this degree, all courses required for the certificate will have to be included in this Library.)

(Rubrics are assigned with 4 alpha letters and 4 digits. The first digit is assigned based upon the course level (1st year or 2nd year). The second digit is the number of semester credit hours (SCH) assigned to the course. The last two digits are to be used for course sequencing.)

SURG 1102 Orientation to Surgical Tech	1 credit
SURG 1305 Surgical Pharmacology	3 credits
SURG 1410 Surgical Tech & Patient Care I	4 credit
SURG 2310 Surgical Microbiology & Asepsis	3 credits
SURG 2420 Surgical Patient Care II	4 credit
SURG 2321 Surgical Procedures I	3 credits
SURG 2330 Surgical Procedures II	3 credits
SURG 2103 Clinical Practicum I	1 credits
SURG 2201 Clinical Practicum II	2 credits
SURG 2302 OR 2402 Clinical Practicum III	3-4 credits

Electives for Completion of Program:

BIOL 1000	Medical Terminology	3 credits
BIOL 1004	Basic Anatomy and Physiology	3 credits
BIOL 2010	Human Anatomy & Physiology I	3 credits
BIOL 2011	Human Anatomy & Physiology I lab	1 credit
BIOL 2020	Human Anatomy & Physiology II	3 credits
BIOL 2021	Human Anatomy & Physiology II lab	1 credit
BIOL 2230	Introduction to Microbiology	3 credits
BIOL 2231	Introduction to Microbiology lab	1 credit
ALH 1010	Intro to Health Sciences	3 credits
HHP 1300	First Aid and CPR	3 credits

(The rubric for the two courses above may be ALHS once the ALHS Library is established.)

HIMT 1308	Intro to Health-Related Professions	3 credits
HRPR 1000	Intro to Health-Related Professions	3 credits

(Note: The two courses above are the same but because different institutions offer different programs, both are needed at this time. These courses should be cross-listed or in some way identified as the same course should transfer be needed.)

HIMT 1300	Medical Terminology	3 credits
ADMN 1306	Medical Terminology 1	3 credit
INFS 1010	Computer Applications	3 credit
PSYC 1030	Introduction to Psychology	3 credits
BIOL 2010	Anatomy and Physiology I	4 credits
BIOL 2020	Anatomy and Physiology II	4 credits
BIOL 2230	Microbiology	4 credits
MATH 1530	Probability & Statistics	3 credits
ENGL 1020	English Composition II	3 credits
COMM 2025	Fundamentals of Communication	3 credits
PSYC 2130	Lifespan Psychology	3 credits

BIOL 1215, BIOL 1430, DIET 1310	Principles of Nutrition	3 credits
HED 2210, HPED 220, HEC 231	Principles of Nutrition	3 credits

(As other Libraries are finalized, the goal is to reduce the number of rubrics assigned to "Principles of Nutrition.")

SURG 2199	Special Topics in Surg Tech	1 credit
SURG 2299	Special Topics in Surg Tech	2 credits
SURG 2399	Special Topics in Surg Tech	3 credits
PHIL 1040	Introduction to Ethics	3 credits
EMTP 1015	Cardiopulmonary Resuscitation	1 credit

The following certificate courses are embedded at Nashville State Community College and available for use in the AAS in Surgical Technology. However, these courses may not transfer to other degree programs in Surgical Technology. Students should be appropriately advised.

CSPT 1401	Introduction to Central Processing Technology	4 credits
CSPT 1102	Central Processing Skills Lab	1 credit
CSPT 1310	Central Processing Capstone	3 credits
CSPT 1511	Central Processing Practicum I	5 credits
CSPT 1412	Central Processing Practicum II	4 credits
HHP 1300	First Aid and CPR*	

4. New and Deleted Courses

New courses

- **CITC 2360 – Applied Networking** - This course is designed to prepare students to solve real world networking problems through specific concept reviews and the use of problem-based case studies. Students will use their knowledge and skills developed in courses taken in the Computer Information Technology program to resolve specific tasks presented. Topics will include, but are not limited to, reviews of the installation and configuration of various operating systems, workstations, server environments, internetworking devices, media types, virtualization, and network security. Emphasis will be placed on network management, analysis, and monitoring tools. Other topics will be presented as related to current world technology. Prerequisite(s); CITC 1324, CITC 2320, Course is to be taken during the last semester.
- **COM 2010 Digital Video Editing**
An introduction to Digital Video Production. Topics include video capture, sound, lighting, and digital editing.
Prerequisites: Basic computer skills, PHO 1110 or COM 1190 with a “C” or higher.
- **HLTH 2110 – Health Assessment** - Introduces basic adult assessment skills, including interviewing skills, obtaining a health history, physical examination techniques, critical thinking and documentation of findings. This course includes a laboratory component where students will practice classroom techniques.
- **EETC 1300 - Intro to Electrical Engr Tech** - An introduction to the electrical engineering technology discipline. Included are business organization and communication techniques such as preparing a notebook, email and attachments, use of spreadsheet, presentation software, internet, and working in teams. Workplace safety is stressed. This course replaces ENGT 1000.
- **EETC 1313 – DC Circuits** - An introductory course in DC circuits. Topics include voltage, current, resistance, and power in DC circuits, series, parallel, and more complex circuits using Kirchhoff's laws and selected network theorems, capacitors, and inductors. Lab exercises include building, measurement, and analysis of DC circuits containing resistance, inductance, and capacitance. This course, when combined with EETC 1314, addresses content previously covered in EETH 1110 and EETH 1115.
- **EETC 1314 – AC Circuits** - An introductory course in AC circuits. Topics include voltage, current, resistance, and power in AC circuits, series, parallel, and more complex circuits using Kirchhoff's laws and selected network theorems, capacitance and inductance, resonance, transformers and polyphase concepts. Lab exercises include building, measurement, and analysis of AC circuits containing resistance, inductance, and capacitance. This course, when combined with EETC 1313, addresses content previously covered in EETH 1110 and EETH 1115. Prerequisite(s): EETC 1313
- **EETC 1321 - Electronics I** – An introductory course in solid-state devices. Topics include solid-state electronics as circuit elements, including diodes, bipolar transistors, rectifier circuits, and Zener diode regulators. Lab exercises are included to demonstrate course topics. This course,

when combined with EETC 1322, addresses content previously covered in EETH 1210 and EETH 1215. Prerequisite(s): EETC 1314

- **EETC 1322 – Electronics II** - This course is a continuation of the Electronics I course. More advanced topics in solid-state electronics will be covered. Topics include solid-state electronics as circuit elements, including power supplies, power amplification, junction and MOSFETs, applications in selected linear circuits, and operational amplifiers in various feedback configurations. Lab exercises are included to demonstrate course topics. This course, when combined with EETC 1321, addresses content previously covered in EETH 1210 and EETH 1215. Prerequisite(s): EETC 1321
- **EETC 1331 – Digital Fundamentals** - An introductory course in digital logic systems. Study concepts of Boolean Logic and their applications to designing and analyzing digital integrated circuits. Topics include binary and other number base systems and codes, logic circuits, A/D and D/A converters, counters, shift registers, adders, multiplexers, encoders and various memory devices and their operation. Lab exercises are included to demonstrate course topics. This course addresses content previously covered in EETH 1400 and EETH 1405.
- **EETC 1370 – Transformers/Rotating Machines** - This is an intermediate level course that provides an understanding of electrical machinery. Topics include transformer theory and application, single-phase and three-phase connections, auto-transformers, special instrument transformers, the development of horsepower, torque, efficiency as related to the operation of D.C. motors and generators, single-phase and three-phase motors, alternators, stepper motors, resolvers, synchros, and comparisons in the performance of machines. Lab exercises are included to demonstrate course topics. This course addresses content previously covered in EETH 1220 and EETH 1225. **Prerequisite(s):** EETC 1314
- **EETC 2190 – Capstone** - An advanced course that reviews all course material that is common to the Electrical Engineering Technology degree program and all of its concentrations. Includes a departmental exit exam that all program graduates are required to take. This course should be scheduled as closely as possible to the student's graduation date. This course addresses content previously covered in EETH 2800. Prerequisite(s): EETC 1314, EETC 1322, EETC 1331, and EETC 2333.
- **EETC 2199 – Special Topics** - This course provides a platform for students to independently study special topics not otherwise included in the base curriculum. Prerequisite(s): Permission of instructor.
- **EETC 2331 - PLC I** - An introductory course in programmable logic controllers. Topics include basic instructions for the PLC hardware and programming software, various types of field devices common to the industrial environment and the interfacing of I/O devices to the PLC. Lab exercises are included to demonstrate course topics. This course, when combined with EETC 1332, addresses content previously covered in EETH 2600.
- **EETC 2332 - PLC II** - Covers advanced topics in PLC programming. Topics include more advanced instructions, communications, and automated work cells. Lab exercises are included to demonstrate course topics. This course, when combined with EETC 1331, addresses content previously covered in EETH 2600. **Prerequisite(s):** EETC 2331

- **EETC 2333 – Industrial Electronic Controls** - Advanced study of control circuits and electronic devices used in operating machines and processes in industry. Topics include design of control circuits using relay logic and solid-state logic, solid-state control of DC motors, AC motors, and stepper motors, power supplies, operational amplifiers, thyristors, transducers, timers, optical and thermal devices, and other components such as programmable controllers to show how automated equipment can be accurately controlled. Lab exercises are included to demonstrate course topics. This course addresses content previously covered in EETH 2010 and EETH 2015. Prerequisite(s): EETC 1314
- **EETC 2361 - Instrumentation Technology** - This course covers various components, circuits, instruments, and control techniques used by industry in automated process control systems. Topics include electrical and mechanical transducers applied in the measurement of temperature, pressure, flow and position, and exercises using computers and computer interfacing to give a realistic approach to the industrial application of these devices. Lab exercises are included to demonstrate course topics. This course addressed content previously covered in EETH 2240 and EETH 2245. Prerequisite(s): EETC 1322
- **EETC 2380 – Electrical Code** - This course covers the use of the current National Electrical Code (NEC). Topics include the NEC history, ampacity, conductor size, overcurrent protection, grounding, motor branch circuit and feeder conductors, temperature corrections, service calculations, and number and size of conductors in raceways. Emphasis is on industrial and commercial applications. This course addresses content previously covered in EETH 2640.
- **ENGL 2119 – Creative Writing II** - Continuing practice in the process of imaginative writing. Topics include evaluation of model stories, poems, and personal essays; genres of fiction, poetry, and creative non-fiction; and critical analysis of writing process and final work. **Prerequisite(s):** ENGL 1010 and ENGL 2118 (or equivalent) **Note:** ENGL 2119 does not meet the requirement for a general education core course.
- **ENST 1311 – Computer Aided Design I** - This course is designed to develop the fundamental visualization and graphic communication skills used within a technical environment through manual and computer means. Topics include familiarization with computers and the basic elements of computer-aided drafting used in professional practice. Drafting exercises in various disciplines provide hands-on computer experience. Students will complete this class with entry-level computer-aided drafting skills. Topics include practice in the use of the majority of the drawing and editing commands, drawing setup, templates, blocks, layouts, scaling, printing, and techniques used to create fast and accurate drawings in a work environment. This course is equivalent to CAD 1200.
- **ENST 2361 – Fluid Power Systems** - This course covers the fundamentals of industrial hydraulic and pneumatic systems. Topics include fluid mechanics with an emphasis on the use of hydraulics and pneumatics for power transmission and for control purposes. Basic theory and application covers the relationships between fluid flow and pressure, accumulators, actuators, and the control of both fluid and air. This course addresses content previously covered in EETH 2410.

- **MATH 2050 – Calculus Based Prob/Stat** - This course introduces probability and statistics covering data analysis, probability and statistical inference. The inference material covers means, proportions, and variances for one and two samples, one-way ANOVA, regression and correlation and chi-square analysis.
- **PHO 1490 Advanced Digital Photography**
A continuation of PHO 1110 Basic Photography. Topics include advanced camera settings and equipment, color theory, color management and printing. Students will learn Adobe Lightroom® to process, develop and export RAW files for a variety of output.
Prerequisites: PHO 1110, COM 1230, COM 1170 with a “C” or higher.

DELETED COURSES:

- CITC 1325 – Applied Networking Fundamentals
- ENGT 1000 - Intro to Engr Technology
- EETH 1110 - Electric Circuits 4 Credits
- EETH 1115 - Electric Circuits Lab 1 Credit
- EETH 1210 - Electronic Circuits 4 Credits
- EETH 1215 - Electronic Circuits Lab 1 Credit
- EETH 1220 - Transformers/Rotating Machines 2 Credits
- EETH 1225 - Transformers/Rotat. Mach. Lab 1 Credit
- EETH 1400 - Digital Electronics 2 Credits
- EETH 1405 - Digital Electronics Lab 1 Credit
- EETH 2010 - Industrial Electronic Controls 3 Credits
- EETH 2015 - Industrial Elec. Controls Lab 1 Credit
- EETH 2240 - Instrumentation 2 Credits
- EETH 2245 - Instrumentation Lab 1 Credit
- EETH 2410 - Hydraulics and Pneumatics 4 Credits
- EETH 2600 - Automatic Control Systems 4 Credits
- EETH 2640 - Electrical Code 4 Credits