

Early College and Dual Enrollment Pathways Catalog



TECHNICAL COLLEGE
OF THE LOWCOUNTRY

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Table of Contents

Early College Transfer Degree Pathways	4
Dual Enrollment Transfer Degree Pathways	10
Dual Enrollment Career and Technical Certificate Pathways	18
Education	20
Building and Industrial	21
Business Management and Administration	25
Nail Tech.....	30
Computer Technology	31
Criminal Justice.....	35
Culinary/Hospitality	36
Pre-Health Sciences Pathways	38
Appendix.....	44
My Path Blank Template	47

WELCOME TO Technical College of the Lowcountry's Dual Enrollment Program!

What is Dual Enrollment?

Technical College of the Lowcountry partners with many of the secondary schools and school groups in Beaufort, Colleton, Hampton and Jasper counties to offer eligible high school students the opportunity to take college courses that will count as college and high school credit. Dual enrollment courses include those aligned with college credit that transfer to four-year colleges and universities as well as those that apply to career and technical education fields. TCL's dual enrollment program supports a seamless transition from high school to college and gives students a head start on their college aspirations as well as their career goals. At TCL, dual enrollment classes are offered online and at all four of our campuses: Beaufort Mather Campus, New River Campus, Hampton Campus, and the Culinary Institute of the South. Additionally, TCL has offerings for students attending Whale Branch Early College High School, Beaufort-Jasper Academy for Career Excellence, and Thunderbolt Career and Technology Center.

What are the options?

Dual enrollment is a means for high school students to save time and money as they work to complete a post-secondary credential while they are attending high school. The personalized and flexible nature of dual enrollment allows students to choose only two classes or an entire degree or certificate depending on the student's goals and ambitions.

Taking a few classes: Students who want to try taking college-level courses or who know exactly which courses they would like to complete can take as few as two classes. General education classes can be completed at TCL and then transferred to four-year colleges and universities. Or students can get some of the required courses completed during their high school years and choose to complete a certificate or associate degree at TCL after they graduate from high school.

Complete an associate degree: The TCL dual enrollment program makes it possible to complete an associate degree at the same time as a high school diploma. While this takes motivation, hard work, and careful planning with a high school counselor, the following pages in this catalog will help you plan out your four years of high school to include dual credit classes and reach the 60 to 63 credits needed to complete a degree.

Complete a certificate: A certificate is usually between 18 and 30 credits. TCL offers certificates comprised of courses that can transfer to four-year institutions as well as career and technical education (CTE) certificates that teach the skills needed to enter the workforce right after high school. The pathways to completion of the certificates offered through TCL's dual enrollment program are a part of this catalog and will provide guidance that students can use to create a plan to completion with a high school counselor.



Technical College of the Lowcountry's Early College Pathways

At Technical College of the Lowcountry, Early College Pathways see students taking college courses beginning in their freshman year of high school. Beginning with two courses in the first semester of ninth grade, students have the opportunity to complete one of five associate degrees at the same time they are completing their high school diploma. There is flexibility in the pathway so that students can choose whether they take courses during the summer as this is not a requirement for degree completion. All five degree programs provide the opportunity to complete the general education requirements needed for most bachelor degrees. It is beneficial, but not required, for early college students intending to go to a four-year college or university, to narrow down which college(s) they would like to attend and which program(s) they are seeking. Students completing their associate degree will take part in Technical College of the Lowcountry's Commencement in early May of their senior year of high school.

In the following pages, please find the pathway for the associate degree you would like to pursue. These pages are designed for you to be able to plan the high school courses you will need based on the college credential you choose to pursue. You can print out the page for the degree or certificate you want and write in the high school classes you will need. Please work with your high school counselor to create a pathway with both your high school and TCL classes from 9th grade through to your high school and college graduation. The final page of the Appendix is a blank pathway so that you can create your own pathway – again, please consult with your high school counselor to be sure you meet all requirements for your high school diploma and the college credential you are seeking.

The following assumptions are made for students before they begin these pathways:

- students have completed at least English I;
- students have completed Algebra II;
- students meet the GPA or recommendation requirements.



Associate in Arts University Transfer: Associate in Arts

The Associate in Arts Transfer Block degree prepares you to transfer to a four-year college or university to earn a baccalaureate degree in a wide variety of areas including education, English, pre-law, history, business administration, psychology, or social work.

This associate degree can be completed throughout your four years at high school. All of the courses required to complete this program may be transferred to any four-year public university or college in South Carolina such as USC, Clemson, Winthrop, College of Charleston as well as selected out-of-state universities.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

EARLY COLLEGE PATHWAY				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL	ENG 101 – English Comp I	HIS 201* – US History	ENG 208* – World Lit I	SPA 101*** – Spanish I
	HIS 101 or 102 – Western Civ	CPT 101 – Intro to Computer	PSC 201 – US Gov	MAT 111 or MAT 120**
			MAT 110 – College Algebra	SPC 205 – Public Speaking
			BIO 101 or CHM 110 or PHY 201	
SPRING	ENG 102 – English Comp II	HIS 202* – US History	ENG 209* – World Lit II	transfer course***
	ART 101, MUS 105, or THE 101*	PSY 201 – General Psych	ECO 210 – Macroeconomics	transfer course***
			BIO 102 or CHM 111 or PHY 202	transfer course***
SUMMER		****	****	

Notes:

*will count towards the 15–17 credits from Required Major

***choose from the TCL Approved Transfer List (See Appendix at the end of this document.)

****some of these courses can be taken during the summer session if desired

Total Credits: 60-61



Associate in Science University Transfer: Associate in Science

The Associate in Science Transfer Block degree prepares you to transfer to a four-year college or university to earn a baccalaureate degree in such areas as biology, chemistry, agriculture, dentistry, medicine, pharmacy, physics, engineering, mathematics, textiles, or veterinary medicine.

This 60-credit-hour associate degree can be completed throughout your four years at high school. All of the courses required to complete this program may be transferred to any four-year public university or college in South Carolina as well as selected out-of-state universities. Think USC, Clemson, Winthrop, College of Charleston and more.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

EARLY COLLEGE PATHWAY				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL	ENG 101 – English Comp I	HIS 201* – US History	ENG 208* – World Lit I	transfer course from BIO, CHM, PHY, MAT**
	HIS 101 or 102 – Western Civ	CPT 101 – Intro to Computer	PSC 201 – US Gov	SPC 205 – Public Speaking
			BIO 101 or CHM 110 or PHY 201 (sequence)	
			transfer course from BIO, CHM, PHY, MAT**	
SPRING	ENG 102 – English Comp II	HIS 202* – US History	ENG 209* – World Lit II	transfer course***
	ART 101 or MUS 105 or THE 101	MAT 110 – College Algebra	ECO 210 – Macroeconomics	possible need for one more class from BIO, CHM, PHY, MAT**
			BIO 102 or CHM 111 or PHY 202 (sequence)	
			transfer course from BIO, CHM, PHY, MAT**	
SUMMER		****	****	

Notes:

*will count towards the 13–15 credits from the transfer list

**choose carefully between math and science to be sure high school graduation requirements are met

***choose from the TCL Approved Transfer List (See Appendix at the end of this document.)

****some of these courses can be taken during the summer session if desired

Total Credits: 60-61



General Education and Business University Transfer: Associate in Arts

If your goal is to get a four-year degree in business, start with this program at TCL. You'll save tens of thousands of dollars. That's a smart business decision.

The General Education & Business Transfer Block Associate in Arts degree program prepares you to transfer to a four-year college or university to earn a baccalaureate degree in business or other related fields. All of the courses required to complete this program may be transferred to any four-year public university or college in South Carolina as well as selected out-of-state universities.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

EARLY COLLEGE PATHWAY				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL	ENG 101 – English Comp I	HIS 201* – US History	ENG 208* – World Lit I	ACC 101 – Accounting I
	HIS 101 – Western Civ	CPT 101 – Intro to Computer	ECO 210 – Macroeconomics	MAT 120 or MAT 130
			BIO 101 – Biological Science	SPA 101* – Spanish I
			MAT 110 – College Algebra	
SPRING	ENG 102 – English Comp II	HIS 202 – US History	ENG 209 – World Lit II	ACC 102 – Accounting II
	HIS 102* – Western Civ	ART 101*	ECO 211 – Microeconomics	SPC 205 – Public Speaking
			BIO 102, CHM 110, or PHY 201	SPA 102* – Spanish II
			PSC 201 – US Gov	
SUMMER		****	****	

Notes:

* will count towards the 15-17 credits from Required Major (See Appendix at the end of this document.)

****some of these courses can be taken during the summer session if desired

Total Credits: 61-63



Arts, Humanities, and Social Science University Transfer: Associate in Arts

The Arts, Humanities and Social Science Associate in Arts University Transfer degree program prepares you to transfer to a four-year college or university to earn a baccalaureate degree in such areas as art, pre-law, history, psychology, or social work.

This associate degree can be completed throughout your four years at high school. All of the courses required to complete this program may be transferred to any four-year public university or college in South Carolina as well as selected out-of-state universities.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

EARLY COLLEGE PATHWAY				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL	ENG 101 – English Comp I	HIS 201* – US History	ENG 208* – World Lit I	MAT 130 – Elementary Calc
	HIS 101 or 102 – Western Civ	CPT 101 – Intro to Computer	PSC 201 – US Gov	SPA 101* – Spanish I
			BIO 101 or CHM 110, or PHY 201	
			MAT 110 – College Algebra	
SPRING	ENG 102 – English Comp II	HIS 202* – US History	ENG 209* – World Lit II	SPC 205 – Public Speaking
	ART 101, MUS 105, or THE 101*	PSY 201 or SOC 101 – Psychology or Sociology	ECO 210 or 211 – Economics	SPA 102 – Spanish II
			BIO 102 or CHM 111, or PHY 202	
			MAT 120 – Prob and Stats	
SUMMER		****	****	

Notes:

* will count towards the 15–17 credits from Required Major. (See Appendix at the end of this document.)

**** some of these courses can be taken during the summer session if desired

Total Credits: 60-63



Pre-Bachelor Teacher Transfer: Associate in Arts

The Pre-Bachelor Teacher University Transfer Associate in Arts degree program prepares you to transfer to a four-year college or university to earn a baccalaureate degree. TCL's 62- to 64-credit-hour program focuses on the general education courses you'll need regardless of where you transfer.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

EARLY COLLEGE PATHWAY				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL	ENG 101 – English Comp I	HIS 201 – US History	ENG 208 – World Lit I	SPC 205 – Public Speaking
	HIS 101 or 102 – Western Civ	CPT 101 – Intro to Computer	PSC 201 – US Gov	PSY 203 – Human Growth and Dev
			MAT 110 – College Algebra	SPA 101 – Spanish I
			BIO 101 – Biological Science	CHM 110 – Chemistry
SPRING	ENG 102 – English Comp II	HIS 202 – US History	ENG 209 – World Lit II	SPA 102 – Spanish II
	MUS 105 – Music Appreciation	PSY 201 – General Psych	ECO 210 – Macroeconomics	GEO 201 – World Geo
			MAT 120 – Prob and Stats	
			SOC 101 – Intro to Sociology	
SUMMER		****	****	

Notes:

**** some of these courses can be taken during the summer session if desired

Total Credits: 62-64



Technical College of the Lowcountry's Dual Enrollment Pathways - Transfer

Dual enrollment provides high school students the unique opportunity to complete college courses at the same time they are completing their high school diploma. Dual enrollment at Technical College of the Lowcountry is flexible enough that most high school students can find a pathway to fit their goals. Whether your goal is to complete an associate degree or certificate or simply to take some chosen courses and get ahead in college, there are options for all. The following pathways can be used to complete an entire credential or can be personalized to meet the specific needs of most students. Most dual enrollment pathways begin in the spring semester of sophomore year.

In the following pages, please find the pathway for the associate degree or certificate you would like to pursue. Careful consideration must be given to these pathways to ensure that all high school requirements will be met to complete the SC State requirements for a high school diploma. These pages are designed for you to be able to plan the high school courses you will need based on the college credential you choose to pursue. You can print out the page for the degree or certificate you want and write in the high school classes you will need. Please work with your high school counselor to create a pathway with both your high school and TCL classes. The final page of the Appendix is a blank planning page so that you can create your own pathway – again, please consult with your high school counselor to be sure you meet all requirements for your high school diploma and the college credential you are seeking.

These pathways are set up with no required summer classes; however, summer classes are an option and can help to reduce the number of college courses you take during a regular semester. The pathway shows that completion is possible without summer classes, but many of the courses in these associate degrees are offered during the summer session.

The following assumptions are made for students before they begin these pathways:

- students have completed at least English II;
- students have completed Algebra II;
- students meet the GPA or recommendation requirements.



Associate in Arts University Transfer Block: Associate in Arts

The Associate in Arts Transfer Block degree program prepares you to transfer to a four-year college or university to earn a baccalaureate degree in a wide variety of areas including education, English, pre-law, history, business administration, psychology, or social work.

This 60-credit-hour associate degree can be completed by beginning in your sophomore year of high school. All of the courses required to complete this program may be transferred to any four-year public university or college in South Carolina as well as selected out-of-state universities. Think USC, Clemson, Winthrop, College of Charleston and more.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY 10 th Grade, Spring Semester Start				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			ENG 102 – English Comp II	SPC 205 – Public Speaking
			CPT 101 – Intro to Computers	BIO 101 or CHM 110 or PHY 201*****
			PSY 201 – General Psychology	PSC 201 – US Gov
			HIS 201* – US History	transfer course***
			major course**	
SPRING		ENG 101 – English Comp I	MAT 110 – College Algebra	transfer course***
		HIS 101 or 102 – Western Civ	ECO 210 – Macroeconomics	transfer course***
			HIS 202* – US History	transfer course***
			major course**	transfer course***
			major course**	
SUMMER			****	

Notes:

*will count towards the 15-17 credits from Required Major (See Appendix at the end of this document.)

**choose from Anthropology, Art, English, Geography, History, Economics, Psychology, Philosophy, Sociology, Theatre, Foreign Language (See Appendix at the end of this document.)

***choose from the TCL Approved Transfer List (See Appendix at the end of this document.)

****some of these courses can be taken during the summer session if desired

*****If student has completed science requirements for high school diploma, they can choose MAT 111 or MAT 120

Total Credits: 60-61



Associate in Science University Transfer Block: Associate in Science

The Associate in Science Transfer Block degree program prepares you to transfer to a four-year college or university to earn a baccalaureate degree in such areas as biology, chemistry, agriculture, dentistry, medicine, pharmacy, physics, engineering, mathematics, textiles, or veterinary medicine.

This 60-credit-hour associate degree can be completed by beginning in your sophomore year. All of the courses required to complete this program may be transferred to any four-year public university or college in South Carolina as well as selected out-of-state universities. Think USC, Clemson, Winthrop, College of Charleston and more.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY 10 th Grade, Spring Semester Start				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			ENG 102 – English Comp II	SPC 205 – Public Speaking
			CPT 101 – Intro to Computer	transfer course from BIO, CHM, PHY, MAT
			BIO 101 or CHM 110 or PHY 201	transfer course from BIO, CHM, PHY, MAT
			HIS 201* – US History	PSC 201 – US Gov
			MAT 110 – College Algebra	transfer course***
SPRING		ENG 101 – English Comp I	BIO 102 or CHM 111 or PHY 202 (complete sequence)	transfer course from BIO, CHM, PHY, MAT
		HIS 101 or 102 – Western Civ	MUS 105/ART 101/THE 101	possible need for one more class from BIO, CHM, PHY MAT
			ECO 210 – Macroeconomics	transfer course***
			HIS 202* – US History	transfer course***
			MAT 111 – College Trig	
SUMMER		****	****	

Notes:

* will count towards the 13–15 credits from the transfer list

*** choose from the TCL Approved Transfer List (See Appendix at the end of this document.)

**** some of these courses can be taken during the summer session if desired

Total Credits: 60-61



General Education and Business University Transfer: Associate in Arts

The Arts, Humanities and Social Science Associate in Arts University Transfer degree program prepares you to transfer to a four-year college or university to earn a baccalaureate degree in such areas as art, pre-law, history, psychology, or social work.

This associate degree can be completed by beginning in your sophomore year. All of the courses required to complete this program may be transferred to any four-year public university or college in South Carolina as well as selected out-of-state universities.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY 10 th Grade, Spring Semester Start				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			ENG 102 – English Comp II	SPC 205 – Public Speaking
			BIO 101 – Biological Science	MAT 120 or MAT 130
			ECO 210 – Macroeconomics	ACC 101 – Accounting I
			HIS 201* – US History	SPA 101 – Spanish I
			MAT 110 – College Algebra	CPT 101 – Intro to Computers
SPRING		ENG 101 – English Comp I	ART 101 – Art Appreciation*	SPA 102 – Spanish II
		HIS 101 – Western Civ	BIO 102, CHM 110, or PHY 201	ACC 102 – Accounting II
			ECO 211 – Microeconomics	HIS 102 – Western Civ*
			HIS 202* – US History	transfer course***
			PSC 201 – US Gov	
SUMMER		****	****	

Notes:

*will count towards the 15–17 credits from Required Major (See appendix at the end of this document)

***choose from the TCL Approved Transfer List (See Appendix at the end of this document.)

****some of these courses can be taken during the summer session if desired

Total Credits: 61-63



Arts, Humanities, and Social Science University Transfer: Associate in Arts

The Arts, Humanities and Social Science Associate in Arts University Transfer degree program prepares you to transfer to a four-year college or university to earn a baccalaureate degree in such areas as art, pre-law, history, psychology, or social work.

This 60-credit-hour associate degree can be completed by beginning in your sophomore year. All of the courses required to complete this program may be transferred to any four-year public university or college in South Carolina as well as selected out-of-state universities.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY 10 th Grade, Spring Semester Start				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			ENG 102 – English Comp II	SPC 205 – Public Speaking
			BIO 101 – Biological Science I	MAT 130 – Elementary Calculus
			ECO 210 or 211 – Economics	PSY 201 or SOC 101
			HIS 201*** – US History	SPA 101 – Spanish I
			MAT 110 – College Algebra	
SPRING		ENG 101 – English Comp I	ART 101, MUS 105, or THE 101*	SPA 102 – Spanish II
		HIS 101 or 102 – Western Civ	MAT 120 – Prob and Stats	ENG 208, ENG 209 or PHI 101
			BIO 102 – Biological Science II	transfer course***
			HIS 202*** – US History	CPT 101 – Intro to Computers
			PSC 201 – US Gov	
SUMMER		****	****	
		****	****	

Notes:

* will count towards the 15–17 credits from Required Major

*** choose from the TCL Approved Transfer List (See Appendix at the end of this document.)

**** some of these courses can be taken during the summer session if desired

Total Credits: 60-63



Pre-Bachelor Teacher Transfer: Associate in Arts

The Pre-Bachelor Teacher University Transfer Associate in Arts degree program prepares you to transfer to a four-year college or university to earn a baccalaureate degree. TCL's 62- to 64-credit-hour program focuses on the general education courses you'll need regardless of where you transfer.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY 10 th Grade, Spring Semester Start				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			ENG 102 – English Comp II	SPC 205 – Public Speaking
			CPT 101 – Intro to Computers	PSY 201 – Psychology
			PSC 201 – US Gov	SPA 101 – Spanish I
			HIS 201 – US History	CHM 110 – College Chemistry
			MAT 110 – College Algebra	MUS 105 – Music Appreciation
SPRING		ENG 101 – English Comp I	ENG 208 – World Lit I	SPA 102 – Spanish II
		HIS 101 – Western Civ	ECO 210 – Macroeconomics	PSY 203 – Human Growth & Dev
			MAT 120 – Prob and Stats	BIO 101 – Biological Science I
			SOC 101 – Intro to Sociology	GEO 201 – World Geography
			HIS 202 – US History	
SUMMER		****	****	

Notes:

**** some of these courses can be taken during the summer session if desired

Total Credits: 62-64



Liberal Arts Core: Certificate

This certificate allows you to choose the electives you want for maximum program flexibility.

The Liberal Arts Core Certificate program offers a variety of the liberal arts basics. The elective credits provide academic flexibility for traditional, non-traditional, and dual credit students.

The 24-credit-hour certificate program can be completed by beginning in junior year. Required courses include English, history, algebra, while electives include computers, public speaking, literature, drama, sociology and more – all courses that provide dual credit towards your high school diploma.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY 10 th Grade, Spring Semester Start				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			ENG 101 – English Comp I	MAT 111 or MAT 120
			HIS 101 – Western Civ	HIS 102 – Western Civ
SPRING			ENG 102 – English Comp II	suggested elective*
			MAT 110 – College Algebra	suggested elective*
SUMMER			****	

Notes:

*choose from CPT 101 Introduction to Computers, ECO 210 Macroeconomics, ENG 203 American Literature Survey, ENG 208 World Literature I, ENG 209 World Literature II, PSC 201 American Government, PSY 201 General Psychology, SPC 205 Public Speaking, SOC 101 Introduction to Sociology

****some of these courses can be taken during the summer session if desired

Total Credits: 24



General Education: Math and English Core – Certificate

If English and math are your favorite, this program provides you with courses you'll love.

The Math and English Core Certificate program offers general education courses in math and English. Courses include several English composition and literature courses and algebra and trigonometry. Electives provide flexibility within the program.

The 18-credit-hour certificate program can be completed while you complete your high school diploma.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY 10 th Grade, Spring Semester Start				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			ENG 101 – English Comp I	ENG 201 or ENG 205
			MAT 110 – College Algebra	suggested elective***
SPRING			ENG 102 – English Comp II	
			MAT 111 or MAT 120	
SUMMER			****	

Notes:

***choose from the TCL Approved Transfer List (See Appendix at the end of this document.)

****some of these courses can be taken during the summer session if desired

Total Credits: 18



General Technology: Associate in Applied Science

The General Technology (TEC) associate degree program allows the opportunity to combine fundamental general education courses with a technical specialty and a cross technology to form a degree program.

A. General Education (Minimum) - 16 Credits

The general education component of each associate degree program must meet current SACS Core requirements as delineated in Section 2.7.3: 2.7.3 requires in each undergraduate degree program the successful completion of a general education component at the collegiate level that (1) is a substantial component of each undergraduate degree, (2) ensures breadth of knowledge, and (3) is based on a coherent rationale. For degree completion in associate programs, the component constitutes a minimum of 16 semester hours or the equivalent (...). These credit hours are to be drawn from and include at least one course from each of the following areas: humanities/fine arts; social/behavioral sciences; and natural sciences/mathematics. The courses do not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession. The institution provides a written justification and rationale for course equivalency. (General Education)

B. Required Core Subject Areas (Minimum) - 33 Credits

The General Technology major allows a student to select coursework for becoming a multi-skilled technician. The required core consists of a primary and secondary technical specialty. Colleges may develop technical specialty offerings based upon local business/industry needs. The primary technical specialty consists of a minimum of 21 semester hours credit in a single content area from an approved degree, diploma, or technical education certificate program that is currently offered by the college. The secondary technical specialty consists of a minimum of an additional 12 semester hour credits from one of two options: 12 semester hour credits from an approved degree, diploma, or technical education certificate program that is currently offered by the college, or 12 semester hour credits from an interdisciplinary mix of credits awarded for coursework from any program, military training, experiential learning, and/or testing.

C. Other Hours Required for Graduation - 12-36 Credits

Technical colleges within the State Tech System may use the courses identified in this section of the model to adapt the program to meet the needs of the local employers and students. The student may use credits in this section to develop a third technical specialty or to enhance the primary and secondary technical specialties. Credits should be chosen by the student under the guidance of his/her faculty advisor, for the purpose of allowing the student to adapt the program to his/her individual objectives. Courses in this section may include credits awarded for military training, experiential learning and testing.



Technical College of the Lowcountry's Dual Enrollment Pathways: CTE

Technical College of the Lowcountry offers many Career and Technical certificates that give you hands-on training to land a great career in construction, plumbing, computer technology, early childhood education, cybersecurity, HVAC, culinary, and many more. Some of the certificates have required summer classes and may meet outside of regular high school hours, but the benefits are worth it. These credentials give high school students access to the knowledge and skills needed in the workforce. Local businesses and industry want to hire competent employees who have already had hands-on experience. By completing TCL's CTE pathways, students can be career-ready by the time they graduate from high school!

In the following pages, please find the pathway for the certificate you would like to pursue. Careful consideration must be given to these pathways to ensure that all high school requirements will be met to complete the SC State requirements for a high school diploma. These pages are designed for you to be able to plan the high school courses you will need based on the college credential you choose to pursue. You can print out the page for the degree or certificate you want and write in the high school classes you will need. Please work with your high school counselor to create a pathway with both your high school and TCL classes from 9th grade through to your high school and college graduation. The final page of the Appendix is a blank planning page so that you can create your own pathway – again, please consult with your high school counselor to be sure you meet all requirements for your high school diploma and the college credential you are seeking.

The following assumptions are made for students before they begin these pathways:

-students meet the GPA or recommendation requirements.



Early Care and Education/Early Childhood Development: Certificate

The Early Childhood Development certificate prepares students for careers and/or advancement in the early childhood profession. Graduates will be qualified to work in private child development centers, family childcare homes, morning preschool programs, after-school programs, summer camp programs, and some private school programs. This certificate also supports public school teacher professional development requirements. All coursework from this certificate will transfer directly to the associate degree for Early Care & Education. Classes for this certificate meet online, at the Culinary Institute of the South and on the Beaufort campus.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			ECD 101 – Intro to early Childhood	ECD 131 – Language Arts
			ECD 102* – Growth and Development I	ECD 132 – Creative Experiences
				ECD 203 – Growth and Development II
SPRING			ECD 105* – Guidance – Classroom management	
			ECD 107 – Exceptional Children	
SUMMER			ECD 133** – Science & Math Concepts	
			ECD 135** – Health, Safety, & Nutrition	

Notes:

* some classes will require attendance outside of regular high school hours

** these courses are only offered during the summer sessions

Total Credits: 27



Building Construction Technician: Certificate

As a building construction technician, you'll get to put your brain and hands to work.

You don't want to work in an office or wear a tie. You want to be on the move, indoors and out, up high and on the down low. That's why becoming a Building Construction Technician is a great fit for you. It's time to build a better life.

This hands-on program teaches you the fundamental skills you'll need to enter the new and renovating construction industry. And, here in the growing Lowcountry, construction jobs are always in demand. The S.C. annual mean wage for construction occupations is \$41,220, according to 2018 reports from the U.S. Bureau of Labor Statistics.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			BCT 142 - Fundamentals of Construction Safety	BCT 224* - Building Materials
			BCT 111 - Blueprint Reading/Spec	BCT 240 - Green Residential Construction
SPRING			BCT 102 - Fundamental of Building Construction	
			BCT 210* - Interior and Exterior Installation	
			BCT 244 - Site Layout & Foundation Types	
SUMMER				

Notes:

* some classes will require attendance outside of regular high school hours

Total Credits: 23



Designing HVAC Systems: Certificate

Learn from the best to get started in a cool career for a more comfortable life.

TCL's Designing HVAC Systems Certificate program specifically prepares students to design air conditioning systems, including equipment selection, duct design and fabrication, load calculations, and codes and ordinances. Students receive hands-on instruction from certified instructors and can choose from day and evening courses in TCL's fully equipped labs at both the Beaufort and Bluffton New River campuses.

This 24-credit-hour certificate can be completed by the time you finish high school. Heating, ventilation, and air conditioning professionals are always in demand and can work in a variety of home and commercial settings such as hotels, resorts, shopping centers, supermarkets, and other large companies. In South Carolina, these skills garner an average wage of \$44,130 and the nation average is \$54,690. Annually, there are 38,000 openings for HVAC professionals across the US.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			ACR 108* - Refrigeration Fundamentals	ACR 160 - Service Customer Relations
			ACR 110 - Heating Fundamentals	ACR 250* - Duct Fabrication
SPRING			ACR 118 - Air Conditioning Fundamentals	
			ACR 221 - Residential Load Calculations	
			ACR 224 - Codes and Ordinances	
SUMMER				

Notes:

* some classes will require attendance outside of regular high school hours

** these courses are only offered during the summer sessions

Total Credits: 20



Plumbing: Certificate

The demand for qualified plumbers is high; get the skills you need to fill the void.

Technical College of the Lowcountry's Plumbing certificate program teaches basic residential plumbing skills and explores water distribution and sewer collection.

TCL's 22-credit-hour certificate program can be completed while you complete your high school diploma. Topics include water recovery systems, rain water harvesting and gray water strategies. Emphasis on these "green" building techniques, as outlined by the Leadership in Energy and Environmental Design (LEED) principles, ensures you have the skills needed for today and tomorrow.

Hands-on learning is emphasized, and classes include print reading, installations and repairs and green plumbing concepts.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			BCT 142 - Fundamentals of Construction Safety	BCT 111*** - Blueprint Reading and Spec
			BCT 152 - Residential Plumbing	BCT 245* - Green Plumbing Concepts
SPRING			BCT 153 - Plumbing Repairs	
			BCT 210 - Interior and Exterior Installation	
SUMMER			BCT 255** - Construction Internship	
			BCT 221** - Construction Building Codes	

Notes:

- * some classes will require attendance outside of regular high school hours
- ** these courses are only offered during the summer sessions
- *** evening class is available

Total Credits: 22



Residential Electrician: Certificate

As a Residential Electrician, you'll have working knowledge of the National Electrical Code and know how to use the power and hand tools needed on the job. Learn how to come to a new or existing structure, interpret electrical floor plans, drill holes, run and cut wire, and install boxes and fixtures.

Advanced courses teach you how to complete all residential wiring processes. You'll be an expert in installing outlets, switches, and fixtures. You'll also learn about installing appliances such as electric stoves, water heaters, and heating and cooling devices.

While a pathway is presented here, there is flexibility with the schedule to complete this certificate. Hands-on courses include construction print reading, basic electricity, fixtures and installation, advanced residential wiring, and the National Electric Code. An internship is also required.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma..

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			EEM 105 - Basic Electricity	
			BCT 142* - Fundamentals of Construction Safety	EEM 171 - Electrical Installation/Electrical Code
				BCT 255 - Construction Internship
SPRING			BCT 111 - Blueprint Reading and Specifications	BCT 139 - Advanced Residential Wiring
			BCT 141 - Fixtures and Installation	EEM 140 - National Electrical Code
SUMMER				

Notes:

* some classes will require attendance outside of regular high school hours

Total Credits: 25



Accounting: Certificate

Your love for numbers plus TCL’s accounting certificate equals a great career.

The Accounting certificate program will prepare you for entry-level employment in accounting and bookkeeping fields. TCL’s expert instructors teach you practical accounting skills and how to apply those skills in a variety of work places. TCL’s 21-credit-hour certificate program can be completed while you complete your high school diploma. Courses include accounting, individual tax procedures, payroll, and business mathematics. Students also learn QuickBooks and Excel.

The S.C. mean wage for bookkeepers and accounting clerks is \$38,180, according to 2020 reports from U.S. Bureau of Labor Statistics.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			ACC 101 – Accounting Principles I	ACC 240 – Computerized Accounting
			ACC 124 – Business Taxation	Choose two courses from ACC 201, ACC 221, ACC 230 or BAF 101
SPRING			ACC 102 – Accounting Principles II	
			ACC 150 – Payroll Accounting	
SUMMER				

Notes:

Total Credits: 21



Entrepreneurship: Certificate

Get the knowledge you need to design, build, and grow your own successful business.

The Entrepreneurship/Small Business certificate program is designed for budding entrepreneurs who want to learn how establish and manage their own small business.

TCL's 24-credit-hour certificate program can be completed while you are in high school. Courses include computers, marketing, accounting, management, entrepreneurship, business law and more.

Pair the Entrepreneurship certificate with another certificate to create the foundation for a General Technology Associate degree in Applied Science. Be your own boss, and start your own small business.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			ACC 101 – Accounting Principles I	BUS 121 – Business Law I
			BUS 101 – Introduction to Business	MGT 101 – Principles of Management
SPRING			ACC 240 – Computerized Accounting	MGT 120 – Small business Management
			BUS 110 – Entrepreneurship	MKT 101 – Marketing
SUMMER				

Notes:

Total Credits: 24



Medical Office Assistant: Certificate

Get the skills you need to land an in-demand position as a medical office assistant.

The health care industry is growing at an unprecedented rate. Trained medical office administrators are needed to help manage this booming industry. In this program, you will cover topics such as keyboarding, billing, medical terminology, and transcription.

Technical College of the Lowcountry's Medical Office Assistant program gives graduates the general medical and administrative skills needed for a job in health care administrative support. The Medical Office Assistant Certificate program prepares students for the new and rapidly changing technology in today's modern medical office.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			CPT 101 – Introduction to Computers	****
			ENG 101 – English Composition I	
SPRING			AOT 220 – Medical Office Admin Procedures	
			AOT 110 – Document Formatting	
			CPT 174 – Microcomputer Spreadsheets	
SUMMER			AHS 102** – Medical Terminology	
			LEG 135** – Introduction to Law and Ethics	
			AOT 163** – Word Processing	

Notes:

** these courses are only offered during the summer sessions

**** this certificate can also be completed during 12th grade

Total Credits: 25



Office Applications for Business/Industry: Certificate

Take your administrative skills to a higher level: become an expert in office applications.

Administrative professionals spend more and more time on the computer. To stay ahead, it's increasingly important be proficient in a variety of creative applications.

TCL's Office Applications for Business and Industry certificate program provides hands-on training to help you develop higher-level skills in a variety of office applications. Graduates walk away with the skills and expertise they need to fully utilize a wide range of office applications.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			CPT 101 - Introduction to Computers	****
			IST 225 - Internet Communications	
SPRING			AOT 265 - Office Desktop Publishing	
			CPT 174 - Microcomputer Spreadsheets	
			CPT 172 - Microcomputer Database	
SUMMER			IST 281** - Presentation Graphics	
			AOT 163** - Word Processing	

Notes:

** these courses are only offered during the summer sessions

**** this certificate can also be completed during 12th grade

Total Credits: 21



Logistics and Supply Chain Management: Certificate

The Logistics and Supply Chain Management Certificate program provides the skills you need to work in materials and operations management, warehousing, purchasing, transportation and international trade.

The 18-hour program is offered fully online and includes six classes covering distribution, transportation operations, warehousing and materials, and inventory management for both manufacturing and non-manufacturing operations.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL				LOG 111 – Warehouse and Distribution Center Operations
				LOG 113 – Material Handling Technology
SPRING			CPT 101 – Introduction to Computers	LOG 125 – Transportation Logistics
			LOG 110 – Introduction to Logistics	LOG 215 – Supply Chain Management
SUMMER				

Notes:

Total Credits: 18



Nail Technology: Certificate

The curriculum for this certificate is designed to teach basic nail care, various nail additions, repair wraps, sanitation procedures, and basic salon management practices. This program is offered in the fall and spring semesters and may be completed in two semesters, with a Fall entrance only- start date.

Upon successful completion of all program coursework, students will have accumulated the minimum 300 clock hours required by the South Carolina Board of Cosmetology to become eligible to test for state licensure. A licensed nail technician is eligible for careers opportunities such as a nail technician, manicurist/ pedicurist, salon manager, salon owner, product educator a distributor and consultant.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL				COS 131* - Bacteria and Other Infectious Agents
				COS 132* - Science of Nail Technology
				COS 133* - Basic Procedures
				COS 135* - Business of Nail Technology
SPRING				COS 136* - Fundamental of Artificial Nail Application
				COS 137* - Fundamentals of Nail Art
				COS 224* - Nail Practice I
SUMMER				

Notes:

* classes will require attendance outside of regular high school hours

Total Credits: 18



A+ Computer Servicing: Certificate

The A+ Computer certificate program is the first step into a career in computer repair, computer networking, and computer system engineering.

The program prepares students to become computer hardware technicians and features courses in AC/DC circuits, electronics, computers servicing and troubleshooting.

Demand for information technology (IT) workers is high and should continue to grow as firms invest in newer, faster technology and mobile networks. The S.C. annual mean wage is \$41,450 for computer repairers, according to 2021 reports from U.S. Bureau of Labor Statistics. Pay can increase substantially with time and experience.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			EEM 117 – AC/DC Circuits	
			EEM 201 – Electronic Devices	
SPRING			EEM 231 – Digital Circuits I	
			EEM 244 – Computer Servicing Troubleshooting	
SUMMER			EEM 241** – Microprocessors	
			EEM 243** – Introduction to Computer Servicing	

Notes:

** these courses are only offered during the summer sessions

Total Credits: 19



Programming: Certificate

Prepare for the future today, and become an expert in computer programming and development.

The Programming Certificate program is designed for new and experienced computer programmers. So, no matter your level of experience, TCL will give you the high-tech skills you need for a rewarding career. Experienced computer programmers earn \$79,960 on average annually in S.C., according to 2020 reports from U.S. Bureau of Labor Statistics.

Technical College of the Lowcountry's 21-credit-hour programming certificate can be completed in class or online while you are completing your high school diploma. The courses cover a variety of programming languages and development environments used in industry, as well as the basic approaches and theories used for designing software and creating mobile apps.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			CPT 168 – Programming Logic and Design	CPT 236 – Introduction to JAVA Programming
			IST 226 – Internet Programming	CPT 237 – Advanced JAVA Programming
SPRING			CPT 188 – Mobile Apps Development	CPT 283 – Php Programming I
			CPT 232 – C++ Programming	CPT 162 – Introduction to Web Page Publishing
SUMMER				

Notes:

Total Credits: 21



Webmaster: Certificate

Become a webmaster, and get on the path to a rewarding, high-tech career.

Webmasters are multi-skilled technical professionals who are proficient in computer and internet programming, design, and servers.

Growing popularity of mobile devices and ecommerce means there is more demand than ever for qualified, well-trained webmasters. The average annual income in South Carolina for Web Developers was \$75,540 in 2020, according to the US Bureau of Labor Statistics. Earning can increase substantially with time and experience.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			IST 225 – Internet Communications	CPT 236 – Introduction to JAVA Programming
			IST 226 – Internet Programming	CPT 237 – Advanced JAVA Programming
SPRING			CPT 162 – Introduction to Web Page Publishing	CPT 172 – Microcomputer Database
			CPT 168 – Programming and Logic Design	CPT 283 – Programming I
SUMMER				

Notes:

Total Credits: 21



Cybersecurity: Pathway

Learn the skills to make sure your computers and networks are secure.

Cybersecurity (CYB) is a hands-on pathway that prepares students for entry-level cybersecurity technician positions and prepares students to enroll in the Cybersecurity Degree at TCL. The pathway educates students on the essential concepts of cyber-defense and incident response, with a practical hands-on approach to security risk analysis and management. Courses prepare students for networking and security (CompTIA) certification exams, and the courses all transfer into the Cybersecurity Associate Degree for those individuals who wish to earn a degree.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			CYB 110 – Introduction to Cybersecurity	CYB 282 – Security Risk and Analysis
			CPT 168 – Programming Logic and Design	CPT 257 – Operating Systems
SPRING			IST 166 – Network Fundamentals	CYB 269 – Digital Forensics
			CPT 233 – Cyber Crimes and the Law	CYB 111 – Cybersecurity and Implementation
SUMMER				

Notes:

Total Credits: 24



Criminal Justice and Law: Certificate

Learn more about both criminal justice and the law, then deliver your verdict.

Can't decide between criminal justice and paralegal? Learn both law and order.

TCL's Criminal Justice & Law Certificate program allows you to experience both before deciding. The 18-credit-hour program can be completed while you complete high school. On the legal side, courses include business law, ethics and criminal law. On the order side, courses include an introduction to criminal justice, the judicial process and correctional systems.

Whatever you decide, you'll have the skills and knowledge you need to succeed.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			BUS 121 – Business Law I	CRJ 115 – Criminal Law I
			CRJ 101 – introduction to Computers	CRJ 242 – Correctional Systems
SPRING			LEG 135 – Introduction to Law and Ethics	
			CRJ 120 – Constitutional Law	
SUMMER				

Notes:

Total Credits: 18



Restaurant Cook Skills: Certificate

Get on the path to a fast-paced, delicious career in Culinary Arts.

The travel and tourism industry is the Lowcountry's number one economic driver, and restaurants and resorts desperately need a locally trained workforce. Answer their call.

This new certificate program focuses on the general study of cooking and related culinary arts. Get the training you need to land a variety of jobs within the food service industry. You'll have the skills you need to provide professional chef and related cooking services in restaurants and other commercial food establishments.

The 24-credit-hour curriculum features 8 hands-on classes in and out of the kitchen. Courses include instruction in food preparation; cooking techniques; equipment operation and maintenance; sanitation and safety; communication skills; applicable regulations; and principles of food service management.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			HOS 155 – Hospitality Sanitation	BKP 101 – Introduction to Baking
			CPT 101 – Introduction to Computers	CUL 102 – Principles of Food Production II
SPRING			CUL 101 – Principles of Food Production I	HOS 129 – Storeroom and Purchasing
			HOS 140 – The Hospitality Industry	CUL 123 – American Bistro
SUMMER				

Notes:

Total Credits: 24



Hospitality/Tourism Management: Certificate

TCL's Hospitality Management certificate program allows new or experienced hospitality industry personnel to upgrade their the requirements for your high school diploma.

TCL's Hospitality Management certificate program allows new or experienced hospitality industry personnel to upgrade their management skills to increase employment opportunities. This certificate program prepares individuals to manage operations and facilities that provide lodging services to the traveling public. The program includes instruction in hospitality industry principles; supplies purchasing, storage and control; restaurant operations, and more.

Technical College of the Lowcountry's 24-credit-hour hospitality management certificate program can be completed while you complete your high school diploma. Courses concentrate on helping you build your management skills in a variety of hospitality sectors including resort development, hotels, food service, conventions and more. Graduates, with experience, can expect to fill supervisory positions.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY CTE				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL			CPT 101 – Introduction to Computers	HOS 135 – Introduction to Dining Room Service
			HOS 155 – Hospitality Sanitation	HOS 171 – Food and Beverage Controls
SPRING			CUL 101 – Principles of Food Production I	HOS 256 – Hospitality Management Concepts
			HOS 140 – The Hospitality Industry	HOS 258 – Convention Management
SUMMER				

Notes:

Total Credits: 24



Technical College of the Lowcountry's Dual Enrollment Pathways: Pre-Health Sciences

Dual enrollment provides high school students the unique opportunity to complete college courses at the same time they are completing high school courses. Dual enrollment at Technical College of the Lowcountry is flexible enough that most high school students can find a pathway to fit their goals. In TCL's health sciences programs, there are pre-requisite courses that must be completed prior to submitting the application specific to each program. These general education courses, the required testing, and the application can all be completed before you complete high school by following the pathways below. No matter which one of TCL's health sciences options you would like to pursue, you can get started now. TCL offers nursing, radiology, physical therapy, medical assisting, surgical technology, medical assisting, and surgical technology..

In the following pages, please find the pathway for the health science degree you would like to pursue. Careful consideration must be given to these pathways to ensure that all high school requirements will be met to complete the SC State requirements for a high school diploma. These pages are designed for you to be able to plan the high school courses you will need based on the college credential you choose to pursue. You can print out the page for the health sciences credential you want and write in the high school classes you will need. Please work with your high school counselor to create a pathway with both your high school and TCL classes from 9th grade through to your high school and college graduation. The final page of the Appendix is a blank planning page so that you can create your own pathway – again, please consult with your high school counselor to be sure you meet all requirements for your high school diploma and the college credential you are seeking.



Pre-Nursing Pathway

TCL's nursing program is the Lowcountry's best and most affordable option.

The healthcare industry is booming, and nursing is one of the fastest growing professions in the U.S. Registered Nurses — or RNs — provide care at the bedside in a hospital setting, carry out medical regimens, and help individuals and groups take steps to improve or maintain their health. RNs may also work in physicians' offices, clinics, home settings and other public and occupational health settings.

For our dual enrollment students, TCL offers the opportunity for students to complete the pre-application requirements while they are in high school so that they can apply directly to the Nursing program in the spring of their senior year.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY Pre-Health Sciences				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL		BIO 101 – Biological Science I	BIO 210 – Anatomy and Physiology I	BIO 225 – Microbiology
		ENG 101 – English Composition I	PSY 201 – General Psychology	MAT 120 – Prob and Stats
				Approved humanities elective*
SPRING		BIO 102 – Biological Science II	BIO 211 – Anatomy and Physiology II	***
		ENG 102 – English Composition II	PSY 203 – Human Growth and Development	
SUMMER			**	

Notes:

* choose from ART-101, ART-105, ENG-203, ENG-208, ENG-209, HIS-101, HIS-102, HIS-201, HIS-202, MUS-105, PHI-101, PHI-110, THE-101

** Student must schedule an advising meeting with the Cindy Mooney (cmooney@tcl.edu), Health Sciences Advisor.

*** Student must take the TEAS test and the Achieve 3000 in order to meet the application deadline in April.



Pre-Radiologic Technology Pathway

The Radiologic Technology Associate Degree (RAD) program prepares graduates to practice as Radiologic Technologists. Their primary role is to assist the physician by performing procedures that will produce images for diagnosis of diseases and injuries. Graduates may be eligible to sit for the National Certification Examination given by the American Registry of Radiologic Technologists (ARRT). The curriculum is designed to meet criteria established by the Joint Review Committee on Education in Radiologic Technology (JRCERT) while fulfilling the recommendations of the ARRT and the American Society of Radiologic Technologists (ASRT).

For our dual enrollment students, TCL offers the opportunity for students to complete the pre-application requirements while they are in high school so that they can apply directly to the Radiologic Technology Associate Degree program in the spring of their senior year.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY Pre-Health Sciences				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL				
		BIO 101 – Biological Science I	BIO 210 – Anatomy and Physiology I	Approved humanities elective*
		ENG 101 – English Composition I	PSY 201 – General Psychology	Approved humanities elective*
SPRING		BIO 102 – Biological Science II	MAT 110 – College Algebra	***
		ENG 102 – English Composition II	BIO 211 – Anatomy and Physiology II	
SUMMER			**	

Notes:

* choose from ART-101, ART-105, ENG-203, ENG-208, ENG-209, HIS-101, HIS-102, HIS-201, HIS-202, MUS-105, PHI-101, PHI-110, THE-101

** Student must schedule an advising meeting with the Cindy Mooney (cmooney@tcl.edu), Health Sciences Advisor.

*** Student must take the TEAS test and the Achieve 3000 in order to meet the application deadline in May.



Pre-Physical Therapy Assistant Pathway

Physical Therapist Assistants (PTAs) help individuals of all ages who are ill, injured, or have a health condition that limits the ability to perform daily activities. Under the supervision of licensed physical therapists, PTAs can work in many different settings. These include: hospitals, outpatient centers, home health, sports/fitness, long-term care, and other facilities. PTAs teach patients exercises for mobility, strength, and coordination, as well as helping clients train for activities such as walking with crutches, canes, or walkers. TCL's Physical Therapy Assistant Program leads to an Associate Degree in Applied Science and eligibility to sit for the National Physical Therapy Assistant Exam.

For our dual enrollment students, TCL offers the opportunity for students to complete the pre-application requirements while they are in high school so that they can apply directly to the Physical Therapy Assistant Associate Degree program in the spring of their senior year.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY Pre-Health Sciences				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL		BIO 101 – Biological Science I	BIO 210 – Anatomy and Physiology I	Approved humanities elective*
		ENG 101 – English Composition I	PSY 201 – General Psychology	Approved humanities elective*
SPRING		BIO 102 – Biological Science II	MAT 120 – Prob and Stats	***
		ENG 102 – English Composition II	BIO 211 – Anatomy and Physiology II	
SUMMER			**	

Notes:

* choose from ART-101, ART-105, ENG-203, ENG-208, ENG-209, HIS-101, HIS-102, HIS-201, HIS-202, MUS-105, PHI-101, PHI-110, THE-101

** Student must schedule an advising meeting with the Cindy Mooney (cmooney@tcl.edu), Health Sciences Advisor.

*** Student must take the TEAS test and the Achieve 3000 in order to meet the application deadline in May.



Medical Assisting Pathway: Certificate

Medical Assistants are multi-skilled health professionals who perform administrative and clinical duties under the supervision of a physician in general and specialty practices, clinics, hospitals, laboratories and home health. Duties include making appointments, coding and billing insurances, taking vital signs, preparing patients for physical examination, phlebotomy, performing laboratory work and electrocardiograms. The Certificate in Medical Assisting prepares students for careers as Medical Assistants by offering a curriculum that is reflective of the standards of the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

For our dual enrollment students, TCL offers the opportunity for students to complete the pre-application requirements while they are in high school so that they can apply directly to the Medical Assisting certificate program in the spring of their senior year.

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY Pre-Health Sciences				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL				BIO 112 – Basic Anatomy and Physiology
				MED 103 – Medical Assisting Introduction
				MED 104 – Medical Assisting Administrative Procedures
				MED 112 – Medical Assisting Pharmacology
SPRING			ENG 101 – English Composition I	CPT 101 – Introduction to Computers
			AHS 102 – Medical Terminology	MED 109 – Medical Business Records
				MED 113 – Basic Medical Laboratory Techniques
				MED 114 – Medical Assisting Clinical Procedures
SUMMER			**	MED 117 – Clinical Practice*
				MED 124 – Medical Computer Practicum*

Notes:

*these courses are only offered during the summer sessions

** Student must schedule an advising meeting with the Cindy Mooney (cmooney@tcl.edu), Health Sciences Advisor.



Pre-Surgical Technology Pathway

Surgical Technologists are essential members of the surgical team who work closely with surgeons, anesthesiologists, registered nurses and other personnel to deliver patient care before, during and after surgery. Scrub, circulating, first assisting and second assisting surgical technologists have primary responsibilities for maintaining a sterile field and being constantly vigilant to ensure all members of the team adhere to aseptic techniques.

For our dual enrollment students, TCL offers the opportunity for students to complete the pre-application requirements while they are in high school so that they can apply directly to the Surgical Technology Associate degree program in the spring of their senior year. The Associate in Applied Science, Surgical Technology program prepares students to be eligible to take the National Certification Examination through the National Board of Surgical Technologist and Surgical Assistant (NBSTSA). Graduates will also be eligible to take the Certification Board for Sterile Processing Technician exam. The professional titles assigned to graduates who pass the certification exam are Certified Surgical Technologist (CST) and/or Central Sterile Processing and Distribution Technician (CSPDT).

Please work with your high school counselor to complete this worksheet by filling in the high school classes needed to complete the requirements for your high school diploma.

DUAL ENROLLMENT PATHWAY Pre-Health Sciences				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL		BIO 101 – Biological Science I	BIO 210 – Anatomy and Physiology I	MAT 110
		ENG 101 – English Composition I	PSY 201 – General Psychology	Approved humanities elective*
SPRING		BIO 102 – Biological Science II	BIO 211 – Anatomy and Physiology II	***
		ENG 102 – English Composition II	AHS 102 – Medical Terminology	
SUMMER			**	

Notes:

* choose from ART-101, ART-105, ENG-203, ENG-208, ENG-209, HIS-101, HIS-102, HIS-201, HIS-202, MUS-105, PHI-101, PHI-110, THE-101

** Student must schedule an advising meeting with the Cindy Mooney (cmooney@tcl.edu), Health Sciences Advisor.

*** Student must take the TEAS test and the Achieve 3000 in order to meet the application deadline in May.



Appendix

See below for Technical College of the Lowcountry's lists of elective options including Major course electives and Transfer course electives.



Major Courses for Associate in Arts, Associate in General Education and Business and Associate in Arts, Humanities, and Social Science

ANT 101 – General Anthropology	ECO 210 – Macroeconomics
ART 101 – Art History and Appreciation	ECO 211 – Microeconomics
ART 105 – Film as Art	MUS 105 – Music Appreciation
ENG 201 – American Literature I	PSY 201 – General Psychology
ENG 202 – American Literature II	PSY 203 – Human Growth & Development
ENG 203 – American Literature Survey	PSY 208 – Human Sexuality
ENG 208 – World Literature I	PSY 212 – Abnormal Psychology
ENG 209 – World Literature II	PHI 101 – Introduction to Philosophy
GEO 101 – Introduction to Geography	PHI 110 – Introduction to Ethics
GEO 102 – World Geography	SOC 101 – Introduction to Sociology
HIS 101 – Western Civilization to 1689	SOC 102 – Marriage and the Family
HIS 102 – Western Civilization Post 1689	SOC 205 – Social Problems
HIS 201 – American History: Discovery to 1877	SPA 101 – Elementary Spanish I
HIS 202 – American History: 1877 to Present	SPA 102 – Elementary Spanish II
	SPC 205 – Public Speaking



Transfer Courses

ACC 101 – Accounting Principles I	MAT 111 – College Trigonometry
ACC 102 – Accounting Principles II	MAT 120 – Probability and Statistics
ANT 101 – General Anthropology	MAT 122 – Finite College Math
ART 101 – Art History and Appreciation	MAT 130 – Elementary Calculus
ART 105 – Film as Art	MAT 140 – Analytical Geometry and Calculus I
BIO 101 – Biological Science I	MAT 141 – Analytical Geometry and Calculus II
BIO 102 – Biological Science II	MAT 240 – Analytical Geometry and Calculus III
BIO 210 – Anatomy and Physiology I	MAT 242 – Differential Equations
BIO 211 – Anatomy and Physiology II	MUS 105 – Music Appreciation
CHM 110 – College Chemistry I	PHI 101 – Introduction to Philosophy
CHM 111 – College Chemistry II	PHI 110 – Introduction to Ethics
ECO 210 – Macroeconomics	PHY 201 – Physics I
ECO 211 – Microeconomics	PHY 202 – Physics II
ENG 101 – English Composition I	PSC 201 – American Government
ENG 102 – English Composition II	PSY 201 – General Psychology
ENG 201 – American Literature I	PSY 203 – Human Growth & Development
ENG 202 – American Literature II	PSY 208 – Human Sexuality
ENG 208 – World Literature I	PSY 212 – Abnormal Psychology
ENG 209 – World Literature II	SOC 101 – Introduction to Sociology
GEO 101 – Introduction to Geography	SOC 102 – Marriage and the Family
GEO 102 – World Geography	SOC 205 – Social Problems
HIS 101 – Western Civilization to 1689	SOC 206 – Social Psychology
HIS 102 – Western Civilization Post 1689	SOC 210 – Juvenile Delinquency
HIS 201 – American History: Discovery to 1877	SOC 220 – Sociology of the Family
HIS 202 – American History: 1877 to Present	SPA 101 – Elementary Spanish I
MAT 110 – College Algebra	SPA 102 – Elementary Spanish II
	SPC 205 – Public Speaking



My Path

DUAL ENROLLMENT PATHWAY				
	9th Grade	10th Grade	11th Grade	12th Grade
FALL				
SPRING				
SUMMER				

Notes:



TECHNICAL COLLEGE
OF THE LOWCOUNTRY

The Technical College of the Lowcountry is committed to a policy of equal opportunity for all qualified applicants for admissions or employment without regard to race, gender, national origin, age, religion, marital status, veteran status, disability, or political affiliation or belief.