

Vance-Granville Community College (VGCC), Career & College
Promise Pathway Guide – For High School Juniors & Seniors

VGCC Career and College Promise Pathway Guide

For High School Juniors and Seniors

www.vgcc.edu (Lyndon Hall, Director, (252) 738-3512)

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VANCE-GRANVILLE COMMUNITY COLLEGE**CAREER AND COLLEGE PROMISE PATHWAYS**

The purpose of this guide is to identify structured Career and College Promise (CCP) Pathways for qualified high school juniors and seniors who wish to pursue college courses while still in high school. This guide will serve as a tool for school counselors and students as they select and plan their course of study.

Through Career and College Promise opportunities students may enroll in college courses in order to accelerate completion of college certificates, diplomas, and associate degrees that lead to college transfer or provide entry-level job skills. In some cases, it is possible for students to meet all of the necessary requirements for certificate completion and award upon graduation from high school.

Described in this guide are the Core 44 College Transfer (CT) Pathway and Career and Technical Education (CTE) Pathway programs of study offered through Vance-Granville Community College. Students wishing to pursue a pathway in one of these areas should first contact their high school counselor. The school counselors are in the best position to determine a student's eligibility for participation and should be able to assist and guide students through the application and registration process described in the steps below.

To enroll in the CCP program at VGCC, a high school junior or senior must complete the following steps and submit the required documentation indicated below:

1. VGCC Application for Admission <http://www.vgcc.edu/Admissions/general-admissions.cfm> (*select Career and College Promise*)
2. Complete and submit one of the following CCP Eligibility forms;
 - a. CT Pathway
http://www.vgcc.edu/HighSchoolStudents/Career_College_Promise_Combined_CT_Elig_Form.pdf or
 - b. CTE Pathway
http://www.vgcc.edu/HighSchoolStudents/Career_College_Promise_CTE_Elig_Form.pdf
3. High school transcript documenting GPA and grade (i.e. Junior or Senior). (**NOTE: The final transcript for a rising-junior is required upon completion of their sophomore year.**)
4. Placement Test score sheets (PLAN, ACT, PSAT, SAT, or COMPASS) indicating college readiness, if applicable, (*See Attachment 1 for approved scores*).
5. CCP Registration Form indicating the course(s) desired. (**It is recommended that alternative courses be listed by preference as some courses may not be open at the time of registration.**)
<http://www.vgcc.edu/HighSchoolStudents/VGCC%20CCP%20hs%20reg%20form.pdf>
(NOTE: Selected course(s) must be in the student's chosen CT or CTE pathway listed on the CCP Eligibility Form.)
6. Submit all completed and signed documentation and test results (if applicable) to the VGCC Admissions office via mail: (Admissions Office, P.O. Box 917, Henderson NC 27536) or fax: (252)-738-3458.

CORE 44 COLLEGE TRANSFER PATHWAY

The Core 44 College Transfer Pathway is designed for high school juniors and seniors who wish to begin the pathway towards a baccalaureate degree. The Core 44 Pathway is a structured set of general education courses leading to completion of the Associate in Arts or Associate in Science diploma (44 hours) or degree (64 hours). Upon completion of the diploma or degree and admission to a North Carolina public university or a participating independent college or university, students will receive credit for the undergraduate, lower-division general education core as established in the Comprehensive Articulation Agreement between the University of North Carolina and the North Carolina Community College System.

College Transfer Enrollment Eligibility

To be eligible to enroll in the College Transfer (CT) Pathway and register for any college course within that pathway, a high school student must meet the following criteria:

1. Be a high school junior or senior;
2. Have a weighted GPA of 3.0 on high school courses; and
3. Demonstrate college readiness on an assessment or placement test (See Attachment 1 for approved scores). A student must demonstrate college-readiness in English, reading, and mathematics prior to enrollment in a Core 44 pathway.

Provisional CT Enrollment Eligibility

A high school junior or senior who does not demonstrate college-readiness on an approved assessment or placement test may be provisionally enrolled in a CT Pathway provided they meet the following criteria:

1. Have a cumulative weighted GPA of 3.5;
2. Have completed two years of high school English with a grade of 'C' or higher;
3. Have completed high school Algebra II (or a higher level math class) with a grade of 'C' or higher;
4. Obtain the written approval of the high school principal; and
5. Obtain the written approval of the community college president or her/his designee. ***(Student must meet minimum course prerequisites for the courses in which they want to enroll)***

A Provisional Status student may register only for college mathematics (MAT) and college English (ENG) courses within the chosen CT Pathway. To be eligible to register for other courses in the Pathway, the student must first successfully complete mathematics and English courses with a grade of 'C' or higher.

CCP Continuation Eligibility

To maintain eligibility for continued enrollment in the Career and College Promise program, a high school student must:

1. Continue to make progress toward high school graduation, and
2. Maintain a 2.0 GPA in college coursework after completing two college courses.

VGCC Core 44 College Transfer Pathways

The following CT Pathways are offered at VGCC (*students must select one CT pathway and cannot combine courses from other CT pathways*):

Core 44 College Transfer Pathway - Business and Economics (P1012B)

Core 44 College Transfer Pathway – Engineering and Mathematics (P1042B)

Core 44 College Transfer Pathway – Life and Health Sciences (P1042A)

Core 44 College Transfer Pathway - Humanities and Social Science (P1012A)

Note: Provisional status enrollees are restricted to taking only Math (MAT) and English (ENG) courses.

Table 1. Core 44 College Transfer Pathways – With Required Courses—Sequence is optional.

Term	Bus/Econ (P1012B)		Engineering/Math (P1042B)		Life & Health Science (P1042A)		Humanities & Social Science (P1012A)	
	Course	Cr. Hr.	Course	Cr. Hr.	Course	Cr. Hr.	Course	Cr. Hr.
Fall First Year	ENG 111	3	CHM 151*	4	BIO 111	4	ENG 111	3
	CIS 110	3	MAT 171/171A*	4	ENG 111	3	MAT 161/161A*	4
Spring First Year	ENG 112	3	ENG 111	3	BIO 112	4	ENG 112	3
	ENG 131*	3	MAT 172/172A*	4	ENG 112	3	ENG 131*	3
	SOC 210	3			ENG 131*	3	ART 111	3
Fall Second Year	MAT 161/161A*	4	ENG 112	3	CHM 151*	4	PSY 150	3
	HIS 121	3	ENG 131*	3	MAT 171/171A*	4	BIO 111	4
	COM 231	3	MAT 271	4			SPA 111	3
Spring Second Year	ECO 251	3	ACA 122	1	CHM 152	4	COM 231	3
	ACA 122	1	ECO 251	3	HIS 121	3	HIS 121	3
	BIO 111	4	HIS 121	3	ACA 122	1	ACA 122	1
Total Credit Hours	33		32		33		33	

*** Course has Corequisite**

CAREER TECHNICAL EDUCATION PATHWAY

The Career and College Promise Career Technical Education Pathway leads to a certificate or diploma aligned with a high school Career Cluster. It is designed for high school juniors and seniors who wish to begin the pathway towards completion of a credential prior to graduating high school. Upon completion, students will have a sound education and college credential that can increase employment opportunities for the holder.

Career and Technical Education Enrollment Eligibility

To be eligible to enroll in the Career Technical Education (CTE) Pathway, a high school student must meet the following criteria:

1. Be a high school junior or senior;
2. Have a weighted GPA of 3.0 on high school courses or have the recommendation of the high school principal; and
3. Meet the prerequisites for the career pathway. College Readiness assessment may be required to meet course prerequisites (See Attachment 1 for approved scores).

Note: High school counselors should consider student's PLAN scores in making pathway recommendations.

CCP Continuation Eligibility

To maintain eligibility for continued enrollment in the Career and College Promise program, a high school student must:

1. Continue to make progress toward high school graduation, and
2. Maintain a 2.0 GPA in college coursework after completing two college courses.

VGCC Career Technical Education Pathways

The following CTE Pathways are offered at VGCC (*students must select one CTE pathway and cannot combine courses from other CTE pathways*):

Business Administration – Business Management Certificate (C25120M)

Carpentry – Carpentry Diploma (D35180)

Computer Information Technology – Software Specialist Certificate (C25260S)

Cosmetology – Cosmetology Certificate (C55140)

Criminal Justice – Law Enforcement Certificate (C55180L)

Early Childhood Education – Early Childhood General Education Certificate (C55220G)

Infant/Toddler Care – Infant/Toddler Care Certificate (C55290)

Information Systems Security – Security Specialist Certificate (C25270S)

Medical Office Administration – Medical Transcription Specialist Certificate (C25310M)

School-Age Education – School-Age Care Certificate (C55450)

Web Technologies – Web Design Specialist Certificate (C25290D)

Welding Technology – Welding Technology Diploma (D50420)

The following descriptions and tables briefly describe the CTE pathways and offer an optional course sequence of the required courses:

BUSINESS ADMINISTRATION

The Business Administration curriculum is designed to introduce students to the various aspects of the free enterprise system. Students will be provided with a fundamental knowledge of business functions, processes, and an understanding of business organizations in today's global economy.

Course work includes business concepts such as accounting, business law, economics, management and marketing. Skills related to the application of these concepts are developed through the study of computer applications, communication, team building, and decision making. Through these skills, students will have a sound business education base for lifelong learning.

Business Management – Certificate (C25120M)

Course #	Title	Class	Lab	Credits	Prerequisites	Offered
CIS 110	Intro to Computers	3	0	3	None	Fall/Spring
BUS 115	Business Law I	3	0	3	ENG & RED 090, or ENG 095/095A	Fall/Spring
MKT 120	Principles of Marketing	3	0	3	None	Fall/Spring
BUS 137	Principles of Management	3	0	3	None	Fall/Spring
BUS 110	Intro to Business	3	0	3	None	Fall/Spring
Total Credit Hrs.				15		

CARPENTRY

The Cosmetology curriculum is designed to train students to construct residential structures using standard building materials and hand and power tools. Carpentry skills and a general knowledge of residential construction will also be taught.

Completers of this program should be qualified for employment in the residential building construction field as rough carpenters, framing carpenters, roofers, maintenance carpenters, and other related job fields.

Carpentry- Diploma (D35180) *Speak with Advisor for Suggested Sequence of Required Courses*

Course #	Title	Class	Lab	Credits	Prerequisites	Offered
BPR 130	Blueprint Reading/Constr	1	2	2	None	Fall
CAR 110	Introduction to Carpentry	2	0	2	None	Fall
CAR 111	Carpentry I	3	15	8	None	Fall
CAR 112	Carpentry II	3	15	8	CAR 111	Spring
CAR 113	Carpentry III	3	9	6	CAR 111	Contact advisor
CAR 114	Residential Building Codes	3	0	3	None	Contact advisor
CAR 115	Residential Planning Estimating	3	0	3	BPR 130	Contact advisor
ENG 102	Applied Communications II	3	0	3	ENG 85 or RED 80	Fall/Spring
MAS 140	Introduction to Masonry	1	2	2	None	Fall
MAT 101	Applied Mathematics I	2	2	3	MAT 060, MAT 070, or MAT 080	Fall/Spring
Total Credit Hrs.				40		

COMPUTER INFORMATION TECHNOLOGY

The Computer Information Technology curriculum is designed to prepare graduates for employment with organizations that use computers to process, manage, and communicate information.

Course work will develop a student's ability to communicate complex technical issues related to computer hardware, software, and networks in a manner that computer users can understand. Classes cover computer operations and terminology, operating systems, database, networking, security, and technical support.

Software Specialist - *Certificate (C25260S)*

Course #	Title	Class	Lab	Credits	Prerequisites	Offered
CIS 110	Introduction to Computers	2	2	3	None	Fall/Spring
NOS 110	Operating Systems Concepts	2	3	3	None	Fall
SEC 110	Security Concepts	3	0	3	None	Fall/Spring
DBA 110	Database Concepts	2	3	3	CIS 110	Spring
CIS 162	MM Presentation Software	2	2	3	CIS 111	Fall/Spring
CTS 130	Spreadsheet	2	2	3	CIS 110 or CIS 111 or OST 137; and MAT 060	Fall/Spring
Total Credit Hrs.				18		

COSMETOLOGY INFORMATION TECHNOLOGY

The Cosmetology curriculum is designed to provide competency-based knowledge, scientific/artistic principles and hands-on fundamentals associated with the cosmetology industry. The curriculum provides a simulated salon environment which enables students to develop manipulative skills.

Completers of this certificate should be prepared to continue their education towards completion of the cosmetology diploma. Graduates of the diploma program should qualify to sit for the North Carolina Board of Cosmetic Art Examiners. Upon successfully passing the State Board exam, graduates will be issued a license. Employment is available in beauty salons and related businesses.

Cosmetology - Certificate (C55140)

Course #	Title	Class	Lab	Credits	Prerequisites	Offered
COS 111/112A	Cosmetology Concepts I	2	12	6	None	Fall/Spring
COS 111/112B	Cosmetology Concepts I	2	12	6	None	Fall/Spring
COS 113/114A	Cosmetology Concepts II	2	12	6	None	Spring
COS 113/114B	Cosmetology Concepts II	2	12	6	None	Spring
COS 115	Cosmetology Concepts III	4	0	4	None	Contact advisor
COS 116	Salon III	0	12	4	None	Contact advisor
COS 240	Contemporary Designs	1	3	2	None	Contact advisor
Total Credit Hrs.				34		

CRIMINAL JUSTICE PROGRAM OVERVIEW

The Criminal Justice Technology curriculum is designed to provide knowledge of criminal justice systems and operations. Study will focus on local, state, and federal law enforcement, judicial processes, corrections and security services. The criminal justice system's role within society will be explored. Emphasis is on criminal justice systems, criminology, juvenile justice, criminal and constitutional law, investigative principles, ethics and community relations. Additional study may include issues and concepts of government, counseling, communications, computer and technology.

Law Enforcement – Certificate (C55180L)

Course #	Title	Class	Lab	Credits	Prerequisites	Offered
CJC 111	Intro to Criminal Justice	3	0	3	None	Fall/Spring
CJC 112	Criminology	3	0	3	None	Spring
CJC 121	Law Enforcement Operations	3	0	3	None	Fall
CJC 212	Ethics & Community Relations	3	0	3	ENG & RED 090, or ENG 095/095A	Spring
CJC 221	Investigative Principles	3	2	4	ENG & RED 090, or ENG 095/095A	Spring
Total Credit Hrs.				16		

EARLY CHILDHOOD EDUCATION

The Early Childhood General Education Certificate helps to prepare individuals to work with children from birth through eight in diverse learning environments.

Course work includes an introduction to early childhood education with courses in child development, child guidance, and creative activities. Completers will have earned 16 credit hours that will apply toward the Early Childhood Associate in Applied Science Degree. They will also have increased their knowledge that can increase employment opportunities in the field of child care.

Early Childhood General Education – *Certificate (C55220G)*

Course #	Title	Class	Lab	Credits	Prerequisites	Offered
EDU 119	Intro to Early Childhood Educ	4	0	4	None	Fall/Spring
EDU 144	Child Development I	3	0	3	ENG & RED 080, or ENG 085	Fall
EDU 145	Child Development II	3	0	3	ENG & RED 080, or ENG 085	Spring
EDU 146	Child Guidance	3	0	3	ENG & RED 080, or ENG 085	Fall/Spring
EDU 151	Creative Activities	3	0	3	ENG & RED 080, or ENG 085	Fall
Total Credit Hrs.				16		

INFANT/TODDLER CARE

The curriculum prepares individuals to work with children from infancy to three years of age in diverse learning environments. Students will combine learned theories, competency-based knowledge, and practice in actual settings with infants and toddlers.

Course work includes infant/toddler growth and development: physical/nutritional needs of infants and toddlers; safety issues in the care of infants and toddlers; care and guidance; communication skills with families and children; design and implementation of appropriate curriculum; and other related topics. Completers will be prepared to implement developmentally appropriate infant/toddler programs in early childhood settings. Completers will have earned 16 credit hours that can apply toward the Early Childhood Associate in Applied Science Degree. They will also have increased their knowledge that can increase employment opportunities in the field of child care.

Infant/Toddler Care – *Certificate (C55290)*

Course #	Title	Class	Lab	Credits	Prerequisites	Offered
EDU 119	Intro to Early Childhood Educ	4	0	4	None	Fall/Spring
EDU 131	Child, Family, & Community	3	0	3	ENG & RED 080, or ENG 085	Fall/Spring
EDU 144	Child Development I	3	0	3	ENG & RED 080, or ENG 085	Fall
EDU 153	Health, Safety & Nutrition	3	0	3	ENG & RED 080, or ENG 085	Spring
EDU 234	Infants, Toddlers, & Two's	3	0	3	ENG & RED 090 and EDU 119, or ENG 095 and EDU 119	Fall
Total Credit Hrs.				16		

INFORMATION SYSTEMS SECURITY

Information Systems Security covers a broad expanse of technology concepts. This curriculum provides individuals with the skills required to implement effective and comprehensive information security controls.

Course work includes networking technologies, operating systems administration, and security administration. Completers should be prepared for continuing their education towards an associate in applied science degree and possibly increased employment opportunities.

Security Specialist - Certificate (C25270S)

Course #	Title	Class	Lab	Credits	Prerequisites	Offered
NET 125	Networking Basics	1	4	3	None	Fall
NOS 110	Operating Systems Concepts	2	3	3	None	Fall
NOS 120	Linux/UNIX Single User	2	2	3	NOS 110	Fall
SEC 110	Security Concepts	3	0	3	None	Fall
SEC 150	Secure Communications	2	2	3	SEC 110 & NET 125	Fall
SEC 160	Secure Admin I	2	2	3	SEC 110 & NET 125	Spring
Total Credit Hrs.				18		

MEDICAL OFFICE ADMINISTRATION

The Medical Transcription Specialist curriculum is designed to prepare individuals for employment in medical and other health-care related offices.

Course work will include medical terminology and office transcription, word processing, and text editing applications. Completers of this certificate will develop skills that could lead to increased employment opportunities in various medical environments. Completers will have also earned 18 credit hours that can apply toward the Medical Office Administration Associate in Applied Science Degree.

Medical Transcription Specialist- *Certificate (C25310M)*

Course #	Title	Class	Lab	Credits	Prerequisites	Offered
OST 141	Medical Terms I – Medical Office	3	0	3	None	Fall
OST 142	Medical Terms II – Medical Office	3	0	3	OST 141	Spring
OST 136	Word Processing	2	2	3	None	Fall/Spring
OST 132	Keyboard Skill Building	1	2	2	None	Spring
OST 164	Text Editing Applications	3	0	3	None	Fall
OST 241	Medical Office Transcription I	1	2	2	MED 121 & OST 136 or OST 141 & OST 136	Fall/Spring
OST 242	Medical Office Transcription II	1	2	2	OST 241	Spring
Total Credit Hrs.				18		

SCHOOL-AGE EDUCATION

The School-Age Care certificate curriculum prepares individuals to work with school-age children in diverse learning environments. The curriculum is specifically designed for students planning to work in public or private school-age care.

Course work includes child growth/development, physical/nutritional needs of school-age children; care and guidance of school-age children; and communication skills with parents and children. Completers are prepared to plan and implement developmentally appropriate programs in school-aged environments. Employment opportunities include school-age teachers in child care programs, before/after-school programs, paraprofessional positions in public/private schools, recreational centers, and other programs that work with school-age populations. Completers will have earned 17 credit hours that will apply toward the School-Age Education Associate in Applied Science Degree.

School-Age Care – Certificate (C55450)

Course #	Title	Class	Lab	Credits	Prerequisites	Offered
EDU 131	Child, Family, & Community	3	0	3	ENG & RED 080, or ENG 085	Fall/Spring
EDU 163	Classroom Mgt & Instruct	3	0	3	ENG & RED 080, or ENG 085	Fall
EDU 145	Child Development II	3	0	3	ENG & RED 080, or ENG 085	Spring
EDU 235	School Age Dev & Program	3	0	3	ENG & RED 090, or ENG 095	Spring
EDU 158	Healthy Lifestyles – Youth	3	0	3	ENG & RED 080, or ENG 085	Fall
EDU 263	School-Age Program Admin	2	0	2	ENG & RED 090, or ENG 095	Fall
Total Credit Hrs.				17		

WEB TECHNOLOGIES

The Web Technologies curriculum prepares graduates for careers in the information technology arena using computers and distributed computing to disseminate and collect information via the web.

Course work in this program covers the terminology and use of computers as well as web applications, site development and design. Completers should be prepared for continuing their education towards an associate in applied science degree and possibly increased employment opportunities as designers and administrators in the area of web applications and websites.

Web Design Specialist - Certificate (C25290D) *Special software may be required*

Course #	Title	Class	Lab	Credits	Prerequisites	Offered
WEB 110	Internet/Web Fundamentals	2	2	3	None	Fall
WEB 111	Intro to Web Graphics	2	2	3	None	Spring
WEB 115	Web Markup and Scripting	2	2	3	None	Spring
WEB 210	Web Design	2	2	3	WEB 115	Spring
WEB 120	Intro to Internet Multimedia	2	2	3	WEB 110	Fall
WEB 211	Advanced Web Graphics	2	2	3	WEB 111	Spring
Total Credit Hrs.				18		

WELDING TECHNOLOGY

The Welding Technology curriculum provides students a sound understanding of the science, technology, and applications essential for successful employment in the welding and metal industries.

Course work in this program covers consumable and non-consumable electrode welding and cutting processes. Courses in blueprint reading, welding inspection, and more prepare students for continuing their education towards a welding diploma. Graduates of the Welding Technology curriculum may be employed as entry-level technicians in welding and metalworking industries.

Welding Technology – Diploma (D50420) *Speak with Advisor for Suggested Sequence of Required Courses*

Course #	Title	Class	Lab	Credits	Prerequisites	Offered
BPR 111	Blueprint Reading	1	2	2	None	Fall
ENG 102	Applied Communications II	3	0	3	ENG 085 or RED 080	Fall/Spring
MAT 101	Applied Mathematics I	2	2	3	MAT 060, MAT 070, or MAT 080	Fall/Spring
WLD 110	Cutting Processes	1	3	2	None	Fall
WLD 115	SMAW (Stick) Plate	2	9	5	None	Fall/Spring
WLD 116	SMAW (Stick) Plate/Pipe	1	9	4	WLD 115	Spring
WLD 121	GMAW (MIG) FCAW/Plate	2	6	4	None	Fall/Spring
WLD 131	GTAW (TIG) Plate	2	6	4	None	Fall/Spring
WLD 141	Symbols and Specifications	2	2	3	None	Fall/Spring
WLD 151	Fabrication I	2	6	4	None	Spring
WLD 212	Inert Gas Welding	1	3	2	None	Fall
WLD 261	Certification Practices	1	3	2	WLD 115, WLD 121, and WLD 131	Contact advisor
Total Credit Hrs.				38		

College Readiness* Benchmarks on Approved Diagnostic Assessment Tests

Test	PLAN**	PSAT**	Asset (NCCCS Cut Score)	COMPASS (NCCCS Cut Score)	Accuplacer (NCCCS Cut Score)
English	15	49	41 Writing	70 Writing	86 Sentence Skills
Reading	17	50	41 Reading	81 Reading	80 Reading
Mathematics	19	50	41 Numerical Skills and 41 Int. Algebra	47 Pre-Algebra and 66 Algebra	55 Arithmetic and 75 Elem. Algebra

In addition to the diagnostic assessments, colleges may use the following SAT and ACT scores recommended by the testing companies as benchmarks for college readiness:*

SAT		ACT	
English	500	English	18
Critical Reading	500	Reading	21
Mathematics	500	Mathematics	22

*To be eligible for enrollment in a College Transfer Pathway, students must demonstrate college readiness in English, reading and mathematics on an approved test or tests. Eligibility may be demonstrated by achieving the required scores on a single test or by combining test scores from any of the approved assessments. For example, a student may combine a 19 on PLAN math with an 86 and an 80 on Accuplacer sentence skills and reading to demonstrate college readiness.

**PLAN and PSAT scores recommended by ACT and College Board as indicators of college readiness.