

CTE PATHWAY: Information Technology - IT Support (C25590HI)



Career & College Promise (CCP)

CCP provides opportunities for eligible NC high school students to take **TUITION-FREE**, college courses for dual credit (some students may have to pay for textbooks and materials). Taking CCP courses accelerates completion of college certificates, diplomas, applied associate degrees that provide entry-level job skills, and associate degrees that lead to transfer within the UNC System of 4-year colleges and universities and many private institutions.

General Admission Requirements

- College CCP Application
- High School Transcript
- Verification Form

Information Technology - IT Support Pathway

Eligibility Requirements

- High School Junior or Senior
- Unweighted GPA of 2.8 or higher, **OR**, demonstrate college readiness in English, reading and math on approved assessments.
- If GPA is below 2.8, principles/designees can waive the GPA and provide rationale for waiver.



About the Information Technology - IT Support Pathway:

This pathway is a portion of the Information Technology Associate of Applied Science Degree. These courses prepare students for computer software and/or hardware to design, process, implement, and manage information systems in specialties such as database services, security, business intelligence, healthcare informatics, and others depending on the technical path selected within this curriculum.

Median Annual Wage for NC Computer User Support Specialists \$54,170

NCCareers.org

You will learn:

- Creating, storing, communicating & exchanging information to solve technical issues
- Configuring, maintaining, and troubleshooting PC hardware and software
- Implementing and maintaining secure networks

Possible Job Titles:

- Information Technology (IT) Support Technician
- Help Desk Analyst • System Administrator

Possible Employment Opportunities:

- Any business/industry or system that relies on computer systems
- Consultant for consumers' personal home computers

Information Technology- Support Certificate				
SEM	Title	Class	Lab	Credit
FA/SP/SU	CIS 110* Introduction to Computers	2	2	3
FA	CTI 150* Mobile Computing Devices	2	2	3
FA	CTS 120* Hardware/Software Support	2	3	3
SP	CTS 287* Emerging Technologies (<i>see advisor first- requires extensive background</i>)	3	3	3
SP	NOS 130* Windows Single User	2	2	3
Total Semester Hours Credit for Certificate				15

* All courses require consistent, reliable and adequate internet bandwidth; for some courses Microsoft Office

* Updated Windows Operating System and ability to install software recommended

For more information, contact: Trish Holsten, Secondary Partnerships Director

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CONNECTING HIGH SCHOOL, COLLEGE, AND CAREER



High School (electives)

High School

COMPLETE GRAD REQ:

- English (4), Math (4), Social Studies, Science (3), PE/Health, electives

SUGGESTED HS ELECTIVES:

- Intro to Computer Science
- Computer Science Principles I
- Computer Science Principles II
- Python Programming I
- Python Programming II
- Microsoft Word & PowerPoint
- Microsoft Excel

CCP Dual Enrollment (College/HS concurrently)

WCC IT- Support Pathway

CCP JUNIOR YEAR

- CIS 110 Intro to Computers
- CTS 120 Hardware/Software Support

CCP SENIOR YEAR

- CTI Mobile Computing Devices
- CTS 287 Emerging Technologies
- NOS 130 Windows Single User

After High School (post-graduation)

WCC IT-Support AAS Degree

GENERAL ED REQ

- English, Math, Social Science, Critical Thinking

IT SUPPORT CLASSES:

- Web Pgm. & DB Foundation
- Network & Sec. Foundation
- Intro to Programming & Logic
- Info Systems Business Concepts
- Networking Concepts
- Tech Support Functions
- Database Programming I
- Linux/UNIX Single User
- Virtualization Concepts
- Windows Admin I
- Security Concepts
- World of Work

ADDITIONAL REQ CLASS:

- College Student Success

