Course Map – 9th and 10th grade entry

9th grade			
Summer Orientation	**Fall**	**Spring**	**Summer Transition**
Summer Bridge Orientation: • College classroom expectations High School vs College • Academic Terminology • Financial Literacy	**Early College Foundations I:** • Fundamentals of college and career readiness • Opportunity to interact with industry professionals • Learning style assessment • Time Management	**Early College Foundations II:** • Develop a student success plan • Opportunity to interact with industry professionals • Alignment of career interests to academic programs	**Summer Bridge Transition:** • Mental Health and Calming Techniques • Grit • Improving Soft Skills • Academic Integrity • SMART Goals

10th grade		
Fall	**Spring**	**Summer**
Pathway Foundations I: • Evaluate how personality can align with potential careers • Workshops in accounting, business and computer information technology	**Pathway Foundations II:** • Analyze careers associated with Accounting, Business and Computer Information Technology • Resume Building • Types of college courses	**SEM 103: College Seminar (2 credits)** • Apply independent learning and problem solving strategies required for success in college

BNY Mellon
CCAC EARLY
COLLEGE
PROGRAM

Accounting Certificate

Required Courses:	Accounting Electives

• ACC 100 - Intro Accounting
• ACC 104 – Financial Accounting
    Pre-Requisite - ACC 100
• ACC 203 – Managerial Accounting
    Pre-Requisite - ACC 104
• ACC 120 – Computer Applications in Accounting
    Pre-Requisite - CIT 100 and ACC 104
• BUS 101 – Intro to Business
• CIT 115 – Info Tech Fund
• Accounting Elective
• CIT 140 – Office Productivity Applications
    Pre-Requisite – MAT 090
• Accounting Elective
• Business 103
	• ACC 201 Intermediate Accounting I
	    Pre-Requisite - ACC 203
	• ACC 204 – Cost Accounting
	    Pre-Requisite - ACC 203
	• ACC 210 – Payroll and Tax Accounting
	• ACC 211 – Principles of Tax I
	    Pre-Requisite - ACC 104
	• ACC 225 – Auditing
	    Pre-Requisite - ACC 202
	• ACC 230 – Advanced Accounting
	    Pre-Requisite - ACC 202

Fall	Spring	Summer	
11TH Grade			
ACC 100 – Intro to Accounting	ACC 104 Financial Accounting	ACC 203 – Managerial Accounting	
12th Grade			
Fall	**Spring**	**Summer**	
ACC 120 – Computer Applications in Accounting	BUS 101 – Intro to Business	CIT 115 – Info Tech Fund	
Additional Courses for Accounting Certificate			
Accounting Elective	CIT 140 – Office Productivity Applications	Accounting Elective	BUS 103

Business Supervision & Leadership Certificate

Required Courses:	BUS Electives
• BUS 101 – Intro to Business • BUS 103 – Prin. of Management • CIT 115 Info Tech Fund • BUS 200 – Prin. of Supervision • BUS Elective • BUS Elective	• BUS 104 - Principles of Marketing • BUS 110 – Personal Finance • BUS 112 - Intro to Entrepreneurship • BUS 117 – Public Relations • BUS 122 – Business Statistics • BUS 130 - Business Communications **Pre-Requisite** – ENG 101 • BUS 143 – Internet Marketing • BUS 201 - Human Resource Management • BUS 210 – Principles of Retailing • BUS 211 – Production Management • BUS 245 – International Business

11TH Grade

Fall	Spring	Summer
BUS 101 – Intro to Business	BUS 103 – Prin. Of Management	CIT 115 – Info Tech Fund

12th Grade

BUS 200 – Prin. Of Supervision	Business Elective	Business Elective

Computer Information Technology (CIT): Software Development Certificate

Required Courses:	CIT Restricted Electives

• CIT 111 – Introduction to Programming: Java
   Pre-Requisite – Mat 090
• CIT 130 – Object-Oriented Programming I: Java
   Pre-Requisite - CIT 111
• CIT 161- Visual Basic: Windows Programming
   Pre-Requisite – CIT 111
• CIT 230 – Database Systems
   Pre-Requisite - CIT 111
• CIT 215 – System Analysis & Design
   Pre-Requisite – CIT 130
• 3 CIT Restricted Electives
	• CIT 125 – Web Development
	• CIT 145 – Programming in C
	   Pre-Requisite – CIT 111
	• CIT 244 – Object-Oriented Programming II/Java
	   Pre-Requisite – CIT 130
	• CIT 245 – Data Structures and Programming C++
	   Pre-Requisite – CIT 130

11TH Grade

Fall	Spring	Summer
CIT 111 – Introduction to Programming: Java	CIT 130 – Object-Oriented Programming I: Java	CIT 161 –Visual Basic: Windows Programming

12th Grade

Fall	Spring	Summer
CIT 230 – Database Systems	CIT 215 – System Analysis & Design	CIT Restricted Elective

Additional Courses for CIT Certificate

CIT Restricted Elective	CIT Restricted Elective

Computer Information Technology (CIT) Network Support Specialist Certificate

Required Courses:

- CIT 115 – Information Technology Fundamentals
- CIT 120 – Networking Concepts
  Pre-Requisite – CIT 115
- CIT 150 – Computer Configuration & Support
  Pre-Requisite – CIT 115
- CIT 182 – Principles of Cybersecurity
  Pre-Requisite – CIT 120
- CIT 251 – Windows Server Administrator
  Pre-Requisite – CIT 120
- CIT 205 – Help Desk and User Support
  Pre-Requisite – CIT 115
- CIT 250 – Network Routing and Switching
  Pre-Requisite – CIT 120
- CIT 220 Linux Operating System
  Pre-Requisite – CIT 115

11TH Grade

Fall	Spring	Summer
CIT 115 – Information Technology Fundamentals	CIT 120 – Networking Concepts	CIT 150 – Computer Configuration & Support

12th Grade

CIT 182 – Principles of Cybersecurity	CIT 251 – Windows Server Administration	CIT 205 – Help Desk and User Support

Additional Courses for CIT Certificate

CIT 250 – Network Routing and Switching	CIT 220 – Linux Operating System