CCBC Course Equivalencies

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Please note: Course equivalencies are subject to change.

The options indicated with an asterisk (*) below are seamlessly integrated from Continuing Education Workforce Certificate programs into related Credit programs, allowing you to build upon your credentials. Contact priorlearning@ccbcmd.edu to see if you qualify for a fee waiver.

1. Credit by External Exam

1a. Advanced Placement exams and CCBC

CCBC Course	AP Exam	Minimum Required Score	Credits
ARTD 105 and ARTD 106	Art History	3	6
BIOL 110	Biology	3	4
BIOL 110 and BIOL 111	Biology	5	8
MATH 251	Calculus AB	3	4
MATH 251	Calculus BC	3	4
MATH 251 and MATH 252	Calculus BC	4	8
CHEM 131	Chemistry	3	4
CHEM 131 and CHEM 133	Chemistry	5	8
CSIT 111	Computer Science A	3	3
CSIT 111 and CSIT 210	Computer Science A	4	7
ECON 201 (Macro)	Economics	3	3
ECON 202 (Micro)	Economics	3	3
ENGL 101	English Literature and Composition	3	3
ENGL 102	English Literature and Composition	4	6 (ENGL 101 and 102 = 6 credits for a score of 4)
ENGL 101	English Language and Composition	3	3
ENGL 218	African American History	3	3
ENVS 101	Environmental Science	3	3
GEOG 102	Human/Cultural Geography	3	3
HIST 102	European History	3	3
HIST 101 and HIST 102	World History: Modern	3	6
HIST 111 and HIST 112	United States History	3	6
MATH 153	Statistics	3	4
MUSC 113 and MUSC 114	Music Theory	3	6
PHYS 101	Physics B	3	4
PHYS 101 and 102	Physics B	5	8
PHYS 251	Electricity and Magnetism	3	4

PHYS 151	Physics C: Mechanics	3	4
POLS 131	Comparative Government and Politics	3	3
POLS 101 and POLS 105	United States Government and Politics	3	6
PSYC 101	Psychology	3	3
WLCH 101, 102	Chinese Language	3	6
WLCH 101, 102 and 201	Chinese Language	4	9
WLFR 101, 102	French Language	3	6
WLFR 101, 102 and 201	French Language	4	9
WLGR 101, 102	German Language	3	6
WLGR 101, 102 and 201	German Language	4	9
WLIN 101, 102	Italian Language	3	6
WLIN 101, 102 and 201	Italian Language	4	9
WLJP 101, 102	Japanese Language	3	6
WLJP 101, 102 and 201	Japanese Language	4	9
WLSP 101, 102	Spanish Language and Culture	3	6
WLSP 101, 102 and 201	Spanish Language and Culture	4	9

AP exams not accepted at CCBC:

- 2-D Art and Design
- 3-D Art and Design
- Calculus: AB Sub score
- Computer Science Principles: There is a BCPS Agreement for this class. Please email Wendy Chin at wchin@ccbcmd.edu if you are a BCPS student.
- Drawing
- Latin
- Music Aural Sub Score
- Music Non-Aural Sub Score
- Spanish Literature and Culture
- Research
- Seminar

1b. Cambridge Assessment and CCBC

Arts, Writing and Communication

CCBC Course	Cambridge Assessment	Level Requirement	Credits
ENGL 101	English Language and Literature (CIE/8695)	Advanced Subsidiary (AS)	3
ENGL 101 and ENGL 102	English Language and Literature (CIE/8695)	Advanced (A)	6
ENGL 203	English Literature (CIE/9695)	Advanced Subsidiary (AS)	3
ENGL 203 and ENGL 204	English Literature (CIE/9695)	Advanced (A)	6
ENGL LLE	English Language (CIE/9093)	Advanced Subsidiary (AS)	3
MUSC 101	Music (CIE/9483)	Advanced Subsidiary (AS)	3
THTR 101 & THTR 111	Drama (CIE/9482)	Advanced Subsidiary (AS)	6

Business

CCBC Course	Cambridge Assessment	Level Requirement	Credits
ACCT 101	Accounting (CIE/9706)	Advanced (A) or Advanced Subsidiary (AS)	3
ACCT 101 or MNGT 101	Business (CIE/9609)	Advanced (A) or Advanced Subsidiary (AS)	3

Humanities, Wellness and Social Sciences

CCBC Course	Cambridge Assessment	Level Requirement	Credits
ECON 201 and ECON 202	Economics (CIE/9708)	Advanced (A) or Advanced Subsidiary (AS)	3
GLBL 101	Business (CIE/9609)	Advanced (A) or Advanced Subsidiary (AS)	3
HIST 101, 102, 111 or 112	History (CIE/9489)	Advanced (A) or Advanced Subsidiary (AS)	3

PEFT 101	Physical Education (CIE/9396)	Advanced (A) or Advanced Subsidiary (AS)	3
PHIL 103	Thinking Skills (CIE/9694)	Advanced (A) or Advanced Subsidiary (AS)	3
PYSC 101	Psychology (CIE/9990)	Advanced (A) or Advanced Subsidiary (AS)	3
SOCL 101	Sociology (CIE/9699)	Advanced (A) or Advanced Subsidiary (AS)	3

Math and Sciences

CCBC Course	Cambridge Assessment	Level Requirement	Credits
BIOL 110 and BIOL 111	Biology (CIE/9700)	Advanced (A)	8
CHEM 131 and 133	Chemistry (CIE/9701)	Advanced (A)	8
GEOG 101 and 102	Geography (CIE/9696)	Advanced (A) or Advanced Subsidiary (AS)	6
GEOG/ERSC 131 and 142	Marine Science (CIE/9693)	Advanced (A)	4
MATH 125, 132, 135, 153, 163 or 165	Mathematics (CIE/9709)	Advanced (A) or Advanced Subsidiary (AS)	3 or 4
MATH 251, 257 or 259	Mathematics (CIE/9231)	Advanced (A) or Advanced Subsidiary (AS)	3 or 4
PHYS 101 and 102	Physics (CIE/9702)	Advanced (A)	8

Technology

CCBC Course	Cambridge Assessment	Level Requirement	Credits
CSIT 101	Information Technology (CIE/9626)	Advanced (A) or Advanced Subsidiary (AS)	3
CSIT 111	Computer Science (CIE/9608, 9618)	Advanced (A) or Advanced Subsidiary (AS)	3

World Languages

CCBC Course	Cambridge Assessment	Level Requirement	Credits
WLAR 101	Arabic (CIE/9680)	Advanced (A) or Advanced Subsidiary (AS)	3
WLAR 101	Arabic Language (CIE/8680)	Advanced (A) or Advanced Subsidiary (AS)	3
WLCH 101	Chinese (CIE/9715)	Advanced (A)	3
WLCH 101	Chinese Language (CIE/8681)	Advanced Subsidiary (AS)	3
WLFR 101	French (CIE/9716)	Advanced (A)	3
WLFR 101	French Language (CIE/8682)	Advanced Subsidiary (AS)	3
WLGR 101	German (CIE/9717)	Advanced (A)	3
WLGR 101	German Language (CIE/8683)	Advanced Subsidiary (AS)	3
WLJP 101	Japanese Language (CIE/8281)	Advanced (A) or Advanced Subsidiary (AS)	3
WLSP 101	Spanish (CIE/9719)	Advanced (A)	3
WLSP 101	Spanish First Language (CIE/8665)	Advanced Subsidiary (AS)	3
WLSP 101	Spanish Language (CIE/8685)	Advanced Subsidiary (AS)	3
WLSP 101	Spanish Literature (CIE/8673)	Advanced Subsidiary (AS)	3

1c. CLEP exams and CCBC

Business

CCBC Course	CLEP Exam	Minimum Required Score	Credits
ACCT 101	Financial Accounting	50	3
CSIT 101	Information Systems	50	3
MNGT 105	Principles of Management	50	3
MNGT 140	Introduction to Business Law	50	3
MNGT 150	Principles of Marketing	50	3

Composition and Literature

CCBC Course	CLEP Exam	Minimum Required Score	Credits
ENGL 101	College Composition Modular	50	3
ENGL 201	English Literature	50	3
ENGL 203	American Literature	50	3
FAPA 101	Humanities	50	3

History and Social Sciences

CCBC Course	CLEP Exam	Minimum Required Score	Credits
ECON 201	Principles of Macroeconomics	50	3
ECON 202	Principles of Microeconomics	50	3
HIST 101	Western Civilization I: Ancient Near East to 1648	50	3
HIST 102	Western Civilization II: 1648 to the present	50	3
HIST 111	History of the United States I: Early Colonization to 1877	50	3
HIST 112	History of the United States II: 1865 to the present	50	3
POLS 101	American Government	50	3
PSYC 101	Introductory Psychology	50	3
PSYC/EDTR 103	Human Growth and Development	50	3

| PSYC/EDTR 215 | Introduction to Educational Psychology | 50 | 3 |
| SOCL 101 | Introductory Sociology | 50 | 3 |

Science and Mathematics

CCBC Course	CLEP Exam	Minimum Required Score	Credits
Math Lower Elective (Not Gen Ed)	College Mathematics	50	3
Math General Education Elective	College Algebra	50	3
MATH 163	Precalculus	50	3
MATH 251	Calculus	50	4
BIOL 108	Biology	50	4
CHEM 107 and CHEM 108	Chemistry	50	4
ARSC 103	Natural Sciences	50	3

World Languages

CCBC Course	CLEP Exam	Minimum Required Score	Credits
WLFR 101 and 102	French Language	50	6
WLFR 101, 102 and 201	French Language	59	9
WLGR 101 and 102	German Language	50	6
WLGR 101, 102 and 201	German Language	59	9
WLSP 101 and 102	Spanish Language	50	6
WLSP 101, 102 and 201	Spanish Language	59	9
WLSP 101 and 102	Spanish with Writing	50	6
WLSP 101, 102, 201 and 202	Spanish with Writing	65	12

CLEP exams not accepted at CCBC:

- College Composition
- Analyzing and Interpreting Literature
- Social Sciences and History

1d. DSST exams and CCBC

CCBC Course	DSST Exam	Minimum Required Score	Credits
ANTH 101	General Anthropology	400	3
ASTM 101	Astronomy	400	3
CRJU 101	Criminal Justice	400	3
CRJU 101	Introduction to Law Enforcement	400	3
CSIT 101	Technology and Information Systems	400	3
EDTR 101	Foundations of Education	400	3
ENGL 101	Advanced English Composition	400	3
ENGL 213	Technical Writing	400	3
ENVS 101	Environmental Science	400	3
GEOG 102	Human/Cultural Geography	400	3
HLTH 101	Health and Human Development	400	3
MATH 125	Math for Liberal Arts	400	3
MATH 153	Principles of Statistics	400	3
MATH 163	Fundamentals of College Algebra/Precalculus	400	3
MATH 251	Calculus	400	3
MNGT 101	Introduction to Business	400	3
MNGT 110	Principles of Supervision	400	3
MNGT 113	Organizational Behavior	400	3
MNGT 201	Human Resource Management	400	3
MNGT/PHIL 265	Business Ethics and Society	400	3
PHIL 131	Introduction to World Religions	400	3
PSYC/EDTR 103	Human Growth and Development/ Lifespan Developmental Psychology	400	3

DSST exams not accepted at CCBC:

- Business Mathematics
- Management Information Systems
- Money and Banking
- Personal Finance
- Principles of Finance
- Ethics in America
- Principles of Public Speaking
- Fundamentals of College Algebra
- Introduction to Geology
- A History of the Vietnam War
- Art of the Western World
- The Civil War and Reconstruction
- History of the Soviet Union
- Fundamentals of Counseling
- Ethics in Technology
- Fundamentals of Cybersecurity

1e. International Baccalaureate exams and CCBC

CCBC Course	IB Exam	Level	Minimum Required Score	Credits
ANTH 101	Social Anthropology	HL	4	3
BIOL 110	Biology	HL	4	4
CHEM 131	Chemistry	HL	5	4
CSIT 101	Info/Global Society	HL	4	3
ECON 201	Economics	HL	4	3
ECON 202	Economics	HL	4	3
ENGL 101	English A: Literature	HL	4	3
ENGL 102	English A: Literature	HL	4	3
ENVS Elective	Environmental Systems	HL	4	3
GEO 101	Geography	HL	4	3
HIST 102	History/Europe	HL	4	3
HIST 111	History/Americas	HL	4	3
HIST Elective	History	HL	4	3
HIST Elective	History/Africa	HL	4	3
HIST Elective	History/Islamic	HL	4	3
HIST Elective	History/SE Asia	HL	4	3
MATH 251	Mathematics	HL	5	4
MNGT 101	Business Mgt.	HL	4	3
MUSC 102	Music	HL	4	3
PHIL 101	Philosophy	HL	5	3
PHYS 101	Physics	HL	5	3
PSYC 101	Psychology	HL	4	3
THTR Elective	Theatre Arts	HL	4	3
WLFR 101	French	HL	4	3
WLFR 102	French	HL	4	3
WLGR 101	German	HL	4	3
WLGR 102	German	HL	4	3
WLSP 101	Spanish	HL	4	3
WLSP 102	Spanish	HL	4	3

2. Credit by Industry Certification, Licensures and Apprenticeship

2a. Advanced Industrial Design and Technology/Machinist

Industry Certification	CCBC Course(s)	Credits
National Institute of Metalworking Skills (NIMS) Certification in Measurement, Materials & Safety	CAMM 111	3
National Institute of Metalworking Skills (NIMS) Certification in CNC Milling Programming Setup and Operations and CNC Mill Operations	CAMM 101 and CAMM 252	6
National Institute of Metalworking Skills (NIMS) Certification in Turning Operations: Chucking	CAMM 152	3
National Institute of Metalworking Skills (NIMS) Certification in Milling Machine Operation	CAMM 161	3

2b. Automotive

Industry Certification	CCBC Course(s)	Credits
Automobile & Light Truck Certification Tests **National Institute for Automotive Services** (ASE)		4-35 based on successful completion of ASE components
A-1 Engine Repair	AUTO 141	5
A-2 Automatic Transmission/Transaxle	AUTO 151	5
A-3 Manual Drive Train & Axles	AUTO 156	4
A-4 Suspension & Steering	AUTO 171	4
A-5 Brakes	AUTO 126	4
A-6 Electrical/Electronic Systems	AUTO 131	4
A-7 Heating & Air Conditioning	AUTO 101	4
A-8 Engine Performance	AUTO 161	5

2c. Aviation Technology

Industry Certification	CCBC Course(s)	Credits
Certified Air Traffic Controller (Federal Aviation Administration FAA)	AVMT 221, 226, 227, 228, 229, 230	18 towards the AAS and/or Certificate Air Traffic Control
Certified Aircraft Dispatcher (FAA)	AVMT 258, 259	6 towards the AAS and/or Certificate Professional Pilot
Certified Airline Transport Pilot (FAA)	AVMT 258, 131, 132, 133, 231, 232, 233, 236, 237, 238	25 towards the AAS and/or Certificate in Professional Pilot
Certified Commercial Pilot- Airplane Multi-Engine (FAA)	AVMT 236, 257	5 towards the AAS and/or Certificate Professional Pilot
Certified Commercial Pilot- Airplane Single-Engine (FAA)	AVMT 131, 132, 133, 236, 237, 238	14 towards the AAS and/or Certificate Professional Pilot
Certified Commercial Pilot- Helicopter (FAA)	AVMT 131, 134, 135, 236, 239, 240	14 towards the AAS and/or Certificate Professional Pilot
Certified Flight Attendant (FAA)	AVMT 151	3 towards the AAS and/or Certificate Flight Attendant
Certified Flight Instructor- Airplane Multi-Engine (FAA)	AVMT 260, 265	3 towards the AAS and/or Certificate Flight Attendant
Certified Flight Instructor- Airplane Single Engine (FAA)	AVMT 260, 261	3 towards the AAS and/or Certificate Professional Pilot
Certified Flight Instructor- Helicopter (FAA)	AVMT 260, 262	3 towards the AAS and/or Certificate Professional Pilot
Certified Flight Instructor- Instrument Airplane (FAA)	AVMT 260, 263	3 towards the AAS and/or Certificate Professional Pilot
Certified Flight Instructor- Instrument Helicopter (FAA)	AVMT 260, 264	3 towards the AAS and/or Certificate Professional Pilot
Certified Instrumental Rating - Airplane (FAA)	AVMT 231, 232, 233	8 towards the AAS and/or Certificate Professional Pilot
Certified Instrumental Rating - Helicopter (FAA)	AVMT 231, 234, 235	8 towards the AAS and/or Certificate Professional Pilot
Certified Private Pilot -Airplane Single Engine (FAA)	AVMT 131, 132, 133	7 towards the AAS and/or Certificate Professional Pilot
Certified Private Pilot - Helicopter (FAA)	AVMT 131, 134, 135	7 towards the AAS and/or Certificate Professional Pilot

Certificate of Aeronautical Proficiency Commercial Pilot - Airplane (FAA)	AVMT 237	2 towards the AAS and/or Certificate Professional Pilot Airplane
Certificate of Aeronautical Proficiency Commercial Pilot - Helicopter (FAA)	AVMT 239	2 towards the AAS and/or Certificate Professional Pilot Helicopter
Certificate of Aeronautical Proficiency Instrument - Airplane (FAA)	AVMT 232	2 towards the AAS and/or Certificate Professional Pilot Airplane or Professional Pilot Unmanned Aircraft Systems
Certificate of Aeronautical Proficiency Instrument - Helicopter (FAA)	AVMT 234	2 towards the AAS and/or Certificate Professional Pilot Helicopter or Professional Pilot Unmanned Aircraft Systems
Certified Student Pilot - Airplane (FAA)	AVMT 132	2 towards the AAS and/or Certificate Professional Pilot Airplane or Professional Pilot Unmanned Aircraft Systems
Certified Student Pilot - Helicopter (FAA)	AVMT 134	2 towards the AAS and/or Certificate Professional Pilot Helicopter or Professional Pilot Unmanned Aircraft Systems

2d. Construction Craft Professional

Industry Certification	CCBC Course(s)	Credits
3-Year Apprenticeship (Department of Labor, Licensing, and Regulation)	CONT 102, 103, 104	18
4-Year Apprenticeship (Department of Labor, Licensing, and Regulation)	CONT 101, 106, 102, 103, 104	24
5-Year Apprenticeship (Department of Labor, Licensing, and Regulation)	CONT 101, 106, 102, 103, 104, 105	30

2e. Criminal Justice*

Industry Certification	CCBC Course(s)	Credits
The following training classes provided by the Center for Children Approved by the MD Board of Social Work Examiners & MD Police & Correctional Training Commission: Complete the following three (3) courses: Evaluating Risk in Online Behavior, Basic Sex Offender Interview Course, and Advanced Interview Course *And at least (2) two of the following four (4) classes:* Child Sexual Abuse in Schools, Using Technology or Risk Assessment / Interviewing of Sex Offenders, Problematic Sexual Behavior in Youth, or Working with Non-Offending Partners and Families	CRJU 201, 205	6 towards the AAS and/or Certificate in Criminal Justice Studies
Maryland Correctional Officer Certification Awarded by the Maryland Police and Correctional Training Commission (MPCTC)	CRJU 130, 132, 201, 273	12 towards AAS and/or Certificate in Criminal Justice Studies
Maryland Police Officer Certification Awarded by the Maryland Police and Correctional Training Commission (MPCTC) OR "Waiver of an Entrance-Level Training Standard" letter Awarded by the Maryland Police and Correctional Training Commission (MPCTC)	CRJU 101, 110, 120, 122, 126, 140, 142, 250, 273	27 towards AAS in Criminal Justice Studies
Special Police Officer Certification Training granted by the Maryland State Police	CRJU 201 and 273	6 towards AAS and/or Certificate in Criminal Justice Studies
1. A Maryland Police Department's Juvenile Division assignment, OR A Maryland Juvenile Justice Facility assignment, OR A Maryland School Student Resource Officer assignment, AND 2. Involvement in a Juvenile Court Proceedings during that Tenure (which is a minimum of one year).	CRJU 223	3 towards AAS and/or Certificate in Criminal Justice Studies

2f. Digital Forensics

Industry Certification	CCBC Course(s)	Credits
Introduction to Networks and Computer Hardware (INCH)	DCOM 141	4
Introduction to Cyber Investigations (ICI)	DCOM 150	3

Introduction to Networks and Computer Hardware (INCH) and Linux Essentials (LXE)	DCOM 141, DCM 142	7
Computer Incident Responders Course (CIRC)	DCOM 150	3
Windows Forensics Examinations-EnCase (WFE-E) or Windows Forensics Examinations-Forensic Toolkit (WFE-FTK)	DCOM 250	4
Network Intrusion Basics (NIB) and Log Analysis (LA) and Network Traffic Collection (NTC)	DCOM 214, DCOM 215	8

For more information, contact Vinitha Nithianandam at vnithiana@ccbcmd.edu.

2g. Emergency Medical Technician

Industry Certification	CCBC Course(s)	Credits
EMT (NREMT)	EMST 105	10
MD CRIT- MIMS/Advanced EMT (NREMT)	EMST 105, 211, 212, 213, 214, 240	30
Paramedic (NREMT)	EMST 105, 211, 212, 213, 214, 240, 221, 222, 223, 224	44
Emergency Medical Technology National Registry of Paramedic Certification, Montgomery County Division of Fire & Rescue Services (MCDFRS)	EMST 211, 212, 213, 214, 240, 221, 222, 223, and 224	33

2h. Heating, Ventilation, & Air Conditioning Technology (HVAC)*

Industry Certification	CCBC Course(s)	Credits
HVAC Apprenticeship Program (5-year Plumbers & Steamfitters 486 Training School)	AIRC 110, AIRC 115, AIRC 121, AIRC 205, AIRC 210, AIRC 104, AIRC 204, CONT 101, CONT 106, AIRC 223, AIRC 224	32 apprenticeship credits (AS)
HVAC Certificate (2013-2018) granted by: State of MD, DLLR-OSTC	AIRC 110 and AIRC 121	4 articulated credits (AR)
HVAC Technician Certificate, EPA Clean Air Section 608, granted by: U.S. Environmental Protection Agency	AIRC 121	1 articulated credit (AR)

2i. Interpreter Preparation

Industry Certification	CCBC Course(s)	Credits
National Interpreter Certification (RID) or CI AND CT Certifications (RID)	ASLS 214, INTR 116, 216, 220, 230, 224, 228	26
American Sign Language Proficiency Interview (ASLPI) offered by the Merrill Learning Center with a score of 2 or higher.	ASLS 101, 102, 203, 204, 206, 213, 214	24

2j. Medical Assistant*

Industry Certification	CCBC Course(s)	Credits
Certified Clinical Medical Assistant Certification (CCMA) through National Health Career Association	ALHT 200, ALHT 201, ALHT 202, ALHT 203, ALHT 204, ALHT 252, ALHT 253, ALHT 253	22
Certified Medical Assistant Certification (CMA) through the National Health Career Association	ALHT 200, ALHT 201, ALHT 202, ALHT 203, ALHT 204, ALHT 252, ALHT 253, ALHT 253	22
Registered Medical Assistant (RMA) credential through the American Medical Technologists	ALHT 200, ALHT 201, ALHT 202, ALHT 203, ALHT 204, ALHT 252, ALHT 253, ALHT 253	22

2k. Medical Coding/Coder*

Industry Certification	CCBC Course(s)	Credits
Certified Professional Coder (CPC), certification offered through Advancing the Business of Health Care (AAPC)	ALHT 200, ALHT 201, ALHT 202, ALHT 203	10

2l. Network Technology (DCOM)*

Industry Certification	CCBC Course(s)	Credits
Microsoft Certified Solutions Associate (MCSA), Microsoft - IT Certification	DCOM 201, 202, 203, 210	16
A+, CompTia - IT Certification	DCOM 141, 235	8
Network +, CompTia - IT Certification	DCOM 251	4

Certified Ethical Hacking (CEH), EC Council - IT Certification	DCOM 215	4
Security +, CompTia - IT Certification	DCOM 258	3
Certified CISCO Network Associate (CCNA), CISCO - IT Certification	DCOM 217, 218, 219, 220	16
Red Hat Certified Systems Administrator (RHCSA), Red Hat, Inc.	DCOM 244, 259	7
Cloud+, CompTia – IT Certification	DCOM 101	3
LPI Linux Essentials, LPI Linux Professional Institute – IT Certification	DCOM 142	3
Certified Information Systems Security Professional (CISSP), (ISC)2 – IT Certification	DCOM 258	3
Linux+, CompTia – IT Certification	DCOM 142	3
Network Pro, Testout – IT Certification	DCOM 251	4
Security Pro, Testout – IT Certification	DCOM 258	3

2m. Nursing

Industry Certification	CCBC Course(s)	Credits
LPN to ASN Advanced Degree Option Contact: cmcnamara@ccbcmd.edu	NURN 129, 153, 155, 160, 217	18
Paramedic to ASN Advanced Degree Option Contact: ewebster@ccbcmd.edu	NURN 129, 153, 155, 160	15

2n. Pharmacy Technician*

Industry Certification	CCBC Course(s)	Credits
Certified Pharmacy Technician (CPhT) through Pharmacy Technician Certification Board (PTCB)	ALHT 200, ALHT 201, ALHT 202, ALHT 203	10

2o. Sleep Technician*

Industry Certification	CCBC Course(s)	Credits
Registered Sleep Technician through American Board of Sleep Medicine (ABSM)	ALHT 200, ALHT 201, ALHT 202, ALHT 203, ALHT 204, ALHT 252, and ALHT 253	19

2p. Surgical Technician*

Industry Certification	CCBC Course(s)	Credits
Surgical Tech Certification through National Board of Surgical Technology and Surgical Assisting (NBSTSA)	ALHT 200, ALHT 201, ALHT 202, ALHT 203, ALHT 204, ALHT 205, ALHT 251, ALHT 252 and ALHT 253	24

2q. Veterinary Technology*

Industry Certification	CCBC Course(s)	Credits
Approved Veterinary Assistants (AVA) Designated Certification via exam administered through the National Association of Veterinary Technicians of America NAVTA	VETT 106	2

2r. World Languages

Industry Certification: Oral Proficiency Interview (OPI) Exam Certificate through: American Council on the Teaching of Foreign Languages (ACTFL)	CCBC Course(s)	Credits
Advanced High/Superior Arabic	WLAR 101, 102, 201, 202	12
Advanced High/Superior Mandarin (Chinese)	WLCH 101, 102, 201, 202	12
Advanced High/Superior French	WLFR 101, 102, 201, 202	
Advanced High/Superior German	WLGR 101, 102, 201, 202	12
Advanced High/Superior Italian	WLIN 101, 102, 201, 202	12
Advanced High/Superior Japanese	WLJP 101, 102, 201, 202	12
Advanced High/Superior Russian	WLRU 101, 102, 201, 202	12
Advanced High/Superior Spanish	WLSP 101, 102, 201, 202	12
Advanced Mid Arabic	WLAR 101, 102, 201, 202	12
Advanced Mid Mandarin (Chinese)	WLCH 101, 102, 201, 202	12

Advanced Mid French	WLFR 101, 102, 201, 202	12
Advanced Mid German	WLGR 101, 102, 201, 202	12
Advanced Mid Italian	WLIN 101, 102, 201, 202	12
Advanced Mid Japanese	WLJP 101, 102, 201, 202	12
Advanced Mid Russian	WLRU 101, 102, 201, 202	12
Advanced Mid Spanish	WLSP 101, 102, 201, 202	12
Intermediate High/Advanced Low Arabic	WLAR 101, 102, 201, 202	12
Intermediate High/Advanced Low Mandarin (Chinese)	WLCH 101, 102, 201, 202	12
Intermediate High/Advanced Low French	WLFR 101, 102, 201, 202	12
Intermediate High/Advanced Low German	WLGR 101, 102, 201, 202	12
Intermediate High/Advanced Low Italian	WLIN 101, 102, 201, 202	12
Intermediate High/Advanced Low Japanese	WLJP 101, 102, 201, 202	12
Intermediate High/Advanced Low Russian	WLRU 101, 102, 201, 202	12
Intermediate High/Advanced Low Spanish	WLSP 101, 102, 201, 202	12
Intermediate Mid Arabic	WLAR 101, 102, 201	9
Intermediate Mid Mandarin (Chinese)	WLCH 101, 102, 201	9
Intermediate Mid French	WLFR 101, 102, 201	9
Intermediate Mid German	WLGR 101, 102, 201	9
Intermediate Mid Italian	WLIN 101, 102, 201	9
Intermediate Mid Japanese	WLJP 101, 102, 201	9
Intermediate Mid Russian	WLRU 101, 102, 201	9
Intermediate Mid Spanish	WLSP 101, 102, 201	9
Novice High/Intermediate Arabic	WLAR 101, 102	6
Novice High/Intermediate Mandarin (Chinese)	WLCH 101, 102	6
Novice High/Intermediate French	WLFR 101, 102	6

Novice High/Intermediate German	WLGR 101, 102	6
Novice High/Intermediate Italian	WLIN 101, 102	6
Novice High/Intermediate Japanese	WLJP 101, 102	6
Novice High/Intermediate Russian	WLRU 101, 102	6
Novice High/Intermediate Spanish	WLSP 101, 102	6
Novice Low Arabic	WLAR 101	3
Novice Low Mandarin (Chinese)	WLCH 101	3
Novice Low French	WLFR 101	3
Novice Low German	WLGR 101	3
Novice Low Italian	WLIN 101	3
Novice Low Japanese	WLJP 101	3
Novice Low Russian	WLRU 101	3
Novice Low Spanish	WLSP 101	3

3. Credit by Departmental Exam (Internal)

CCBC Course	Course Description	Credits
AIRC 110*	HAVCR Safety, Tools, and Methods	3
AIRC 115*	Fundamentals of Refrigeration	3
AIRC 104*	Basic HVAC Electricity	4
AIRC 214	Residential Estimates and Sales	3
AIRC 215*	Residential Load Calculations & Air Distribution	3
AIRC 205*	Heating Systems	3
AIRC 210*	Comfort Colling Systems	3
AIRC 121*	EPA Refrigeration Certification	1
AIRC 223*	Commercial HVAC Systems	3
AIRC 222*	Commercial Refrigeration Systems	3
AIRC 224*	Commercial Control Systems	3
AIRC 204*	Advanced HVAC Electricity	3
AIRC 232*	Advanced Residential Systems	3
ASLS 101	American Sign Language I	3
ASLS 102	American Sign Language II	3
ASLS 121	Introduction to American Deaf Culture	3
ASLS 203	American Sign Language III	3
ASLS 204	American Sign Language IV	3
ASLS 206	American Sign Language V	3
ASLS 213	Fingerspelling and Number Use in ASL	3
AVMT 141	Private Pilot Ground School	3
CRJU 112	Criminalistics	3
CSIT 130	Comprehensive Word Processing	3
CSIT 132	Comprehensive Spreadsheets	3
CSIT 134	Comprehensive Databases	3
CSIT 136	Using Windows	3
CSIT 154	Database Concepts	4
CSIT 156	Introduction to SQL using Oracle	3
CSIT 210	Introduction to Programming	4
CSIT 211	Advanced Programming	4
CSIT 212	Visual Basic Programming	4
CSIT 214	Introduction to C/C++ Programming	4
EDTR 120*	Growth and Development	3
EDTR 121*	Curriculum and Materials in Early Childhood Education	3
EDTR 122*	Infant and Toddler Child Care	3
HIIT 202	CPT Medical Coding	3
HORT 110	Woody Ornamentals I	3
HORT 210	Woody Ornamentals II	3
MUSC 101	Fundamentals of Music	3
PEAQ 125	Introduction to Swimming	2
PEIA 140	Beginning Tennis	1
PEIA 131	Introduction to Golf	2
PETA 153	Introduction to Volleyball	2

4. Credit by Portfolio Assessment

CCBC Course	Course Description	Credits
ARTD 116	Digital Imaging I	3
CADD 101	Introduction to CADD	3
CMNS/THTR 133	Voice and Diction	3
CONT 101	Construction Blueprint Reading	3
CONT 106	Construction Materials and Methods	3
CONT 116	Practices of Residential Construction	3
CONT 255	Construction Procurement and Contracting	3
CRJU 120*	Criminal Law	3
CRJU 122*	Criminal Justice and the Constitution	3
CRJU 153*	Private Investigation	3
CRJU 273*	Criminal Justice Internship	3
DCOM 141	Introduction to PC Operation & Repair	4
DCOM 258	Introduction to Information Security	3
GLBL 171-173	Global Experiences (Co-Op)	1-3
INTR 241	Practicum	3
LGST 273	Internship — Legal Studies	3
SSCI 112	Engagement in Communities	3
POLS 273	Internship — Political Science	3
SPCM 191-194	Special Topics Communication	1-6
SURV 101	Surveying Instruments	3
THTR/CMNS 133	Voice and Diction	3