






ACCOUNTING

ACC-101	Principles of Accounting I	
ACC-102	Principles of Accounting II	
ACC-105	Income Tax Accounting I	
ACC-109	Computerized Accounting	
ACC-201	Intermediate Accounting I	



ADMINISTRATION OF JUSTICE

ADJ-101	Introduction to Criminal Justice	
ADJ-102	American Law Enforcement	
ADJ-108	Introduction to Homeland Security	
ADJ-203	Criminal Law	
ADJ-204	Criminal Investigation	
ADJ-269	Internship I	

ADVANCED MANUFACTURING SYSTEMS

ADM-201	Lean Manufacturing and Quality Assurance	
ADM-258	Advanced Motors, Machines, and Devices	
ADM-269	Internship I	

ALTERNATIVE ENERGY

AET-101	Applied Mathematics for Technology	
AET-102	Introduction to Alternative Energy	
AET-104	Geo-Thermal Installation	
AET-106	Photovoltaic Installation	







AMERICAN SIGN LANGUAGE

ASL-101	Basic Sign Language	
---------	---------------------	---







ANTHROPOLOGY







ANT-201	Cultural Anthropology	
---------	-----------------------	---

ART

ART-101	Introduction to Visual Arts	
ART-102	Two-Dimensional Design	
ART-103	Drawing I	
ART-104	Painting I	
ART-115	Photography I	
ART-120	Beginning Ceramics	
ART-122	Sculpture I	
ART-123	Jewelry I	
ART-203	Drawing II	
ART-204	Painting II	
ART-211	Portraiture	
ART-220	Advanced Ceramics	
ART-222	Sculpture II	
ART-223	Jewelry II	
ART-231	History of Western Art I	

BIOLOGY

BIO-106	Unity and Diversity of Living Things	
BIO-106L	Unity & Diversity of Living Things: Lab	
BIO-109	Modular Biology	
BIO-110	Human Biology	
BIO-111	Contemporary Issues in Biology	
BIO-112	Biology of Disease	
BIO-113	Principles of Biology I	
BIO-113L	Principles of Biology I: Lab	
BIO-114	Principles of Biology II	
BIO-114L	Principles of Biology II: Lab	
BIO-116	Human Anatomy and Physiology for Allied Health	




BIO-116L	Human Anatomy and Physiology for Allied Health Lab	
BIO-119	Intro Biology for Health Professions	
BIO-119L	Intro Bio for Hlth Prof: Lab	
BIO-203	Human Anatomy & Physiology I	
BIO-203L	Human Anatomy & Physiology I: Lab	
BIO-204	Human Anatomy & Physiology II	
BIO-204L	Human Anatomy & Physiology II: Lab	
BIO-205	Microbiology	
BIO-205L	Microbiology: Lab	
BIO-206	Nutrition for Health Sciences	

BIOTECHNOLOGY




BTC-101	Introduction to Biotechnology	
BTC-102	Introduction to Applied Biotechnology Research	
BTC-201	Discovery Research	

BTC-201L	Discovery Research: Lab	
BTC-269	Biotechnology Internship I	




BUSINESS

BUS-101	Introduction to Business Organization and Management	
BUS-104	Legal Environment of Business	
BUS-113	Business Communication	
BUS-145	Customer Service	




CHEMISTRY

CHM-101	Introductory College Chemistry	
CHM-101L	Introductory College Chemistry: Lab	
CHM-103	General Chemistry I	
CHM-103L	General Chemistry I: Lab	
CHM-104	General Chemistry II	
CHM-104L	General Chemistry II: Lab	
CHM-107	Kitchen Chemistry	
CHM-107L	Kitchen Chemistry: Lab	
CHM-203	Organic Chemistry I	
CHM-203L	Organic Chemistry I: Lab	





COMPUTER-AIDED DESIGN

CAD-152	Computer-Aided Design	
CAD-228	CAD: Mechanical	
CAD-230	BIM for Commercial Architecture	



COMPUTER SCIENCE

CSC-102	Introduction to Information Technology	
CSC-109	UNIX/Linux Operating System	
CSC-132	Introduction to C and C++ Programming	
CSC-134	Introduction to JAVA Programming	


CYBERSECURITY

CYB-101	Introduction to Cybersecurity	
CYB-210	Ethics in the Information Age	
CYB-225	Tactical Perimeter Defense	
CYB-240	Ethical Hacking Fundamentals	
CYB-246	Introduction to Cloud Computing	

DANCE

DNC-101	Dance Appreciation	
DNC-103	Hip Hop I	
DNC-104	Hip Hop II	
DNC-105	Tap I	
DNC-106	Tap II	
DNC-111	Jazz Dance: Beginning	
DNC-113	Jazz Dance: Intermediate	
DNC-115	Ballet: Beginning	
DNC-116	Ballet: Intermediate	
DNC-118	Modern Dance I	
DNC-119	Modern Dance II	
DNC-130	Dance Improvisation	
DNC-201	Dance History	
DNC-210	Concepts in Human Movement	
DNC-213	Ballet: Intermediate II	
DNC-214	Ballet: Intermediate III	
DNC-215	HCC Dance Company	
DNC-225	HCC Dance Company II	
DNC-230	Choreography & Improvisation	
DNC-295	HCC Dance Company Capstone Project	

DENTAL ASSISTING



DEN-104	Dental Radiology	
DEN-104L	Dental Radiology: Lab	
DEN-107	Dental Materials	
DEN-107L	Dental Materials: Lab	
DEN-110	Dental Assisting II	
DEN-110L	Dental Assisting II: Lab	

DENTAL HYGIENE

DHY-101	Dental Hygiene Theory I	
DHY-102	Dental Hygiene Clinical I	
DHY-102L	Dental Hygiene Clinical-Lab	
DHY-104	Dental Radiology	
DHY-104L	Dental Radiology Lab	
DHY-108	Head, Neck and Oral Anatomy	
DHY-108L	Head Neck Oral Anatomy Lab	



DHY-201	Dental Hygiene Theory III	
DHY-202	Dental Hygiene Clinical III	
DHY-203	Periodontics and Advanced Procedures	
DHY-204	Pain Management in Dental Hygiene	
DHY-204C	Pain Mgmt in Dental Hygiene Clinical	
DHY-205	Nutrition and Biochemistry in Dentistry	



ECONOMICS

ECO-201	Macroeconomic Principles	
ECO-202	Microeconomic Principles	

EDUCATION

EDU-101	Introduction to Education	
EDU-103	Foundations of Early Childhood Education	

EDU-114	The Developing Child	
EDU-115	Methods and Materials in Early Childhood Education	




EDU-117	School Age Child Care Seminar I	
EDU-211	Introduction to Special Education	
EDU-212	Processes and Acquisition of Reading	
EDU-215	Child Care Center Administration and Management	

EDU-269	Internship I	
---------	--------------	--

ELECTRONICS



ELE-110	Fundamentals of Electricity	
ELE-113	Instrumentation and Process Control I	
ELE-158	Circuits, Schematics, and Test Equipment	
ELE-205	Repair and Maintenance for Instrumentation	
ELE-210	Energy System Management	

EMERGENCY MEDICAL SERVICES





EMS-120	Emergency Medical Technician Part A	
EMS-151	Introduction to Emergency Medical Services	
EMS-155	Anatomy & Physiology for EMS Providers	
EMS-161	Airway Management	
EMS-165	Pharmacology and Cardiology Bridge	
EMS-180	EMT Intermediate to Paramedic Transition	

EMS-181	EMS Practicum I	
EMS-201	Shock Trauma Resuscitation	
EMS-283	Bridge Practicum I	



ENGINEERING SCIENCE

EGR-103	Introduction to Engineering Science	
EGR-203	Mechanics of Materials	
EGR-206	Thermodynamics	
EGR-210	Digital Logic Design	
EGR-210L	Digital Logic Design: Lab	

ENGINEERING TECHNOLOGY

EGT-101	Foundations of Engineering Technology	
EGT-150	Introduction to CNC Programming	
EGT-150L	CNC Programming: Lab	
EGT-231	Strength of Materials	
EGT-234	Machine Design	
EGT-235	Fluid Power	
EGT-235L	Fluid Power: Lab	

ENGLISH

ENG-098	Writing Basics	
ENG-099	Writing Essentials	
ENG-099P	Writing Essentials	
ENG-100	Beginning Composition	
ENG-100P	Beginning Composition	
ENG-101	English Composition	
ENG-102	Composition and Literature	
ENG-104	Children's Literature	
ENG-112	Technical Writing I	
ENG-202	World Literature II	
ENG-204	British Literature II	
ENG-209	Creative Writing I	
ENG-210	Introduction to C and C++ Programming	
ENG-214	Applied English Grammar	
ENG-240	Seminar in English Studies	



ENGLISH AS A LEARNED LANGUAGE

ELL-101	English Comp for English Language Learner	
---------	---	--

ENGLISH AS A SECOND LANGUAGE

ESL-100	ESL Beginning Composition	
---------	---------------------------	--


ENTREPRENEURSHIP

ENT-101	Introduction to Entrepreneurship	
ENT-103	Entr: Developing an Effective Bus Plan	

ENVIRONMENTAL STUDIES

ENV-201	Fundamentals of Environmental Science I	
ENV-201L	Fundamentals Environmental Sci I: Lab	


FRENCH

FRN-101	Elementary French I	
FRN-102	Elementary French II	
FRN-201	Intermediate French I	


GEOGRAPHY

GEO-105	World Regional Geography	
---------	--------------------------	---




GERMAN

GER-101	Elementary German I	
GER-201	Intermediate German I	



GRAPHIC DESIGN TECHNOLOGY

GDT-112	Computer Graphics	
GDT-116	Digital Imaging	
GDT-142	Computer Illustration: Adobe Illustrator	
GDT-146	Graphic Design I	
GDT-269	Internship I	


HEALTH

HEA-102	Nutrition	
HEA-103	Personal Health	
HEA-105	First Aid	
HEA-204	Health Aspects of Human Sexuality	




HISTORY

HIS-101	World History I	
HIS-102	World History II	
HIS-201	United States History I	
HIS-202	United States History II	





HUMAN SERVICES

HST-103	Introduction to Human Services and Social Work	
HST-201	Understanding Diversity in the Helping Profession	
HST-207	Social Work With Individuals	
HST-269	Human Services Internship I	
HST-290	Independent Study	









HUMANITIES

HUM-201	The Arts: A Creative Synthesis	
HUM-210	Media and Culture	
HUM-214	World Religions	





INDUSTRIAL TECHNOLOGY

INT-101	Introduction to Industrial Technology	
INT-104	Facilities Safety and Compliance	
INT-105	Plumbing and Pipefitting	
INT-106	Welding	
INT-107	Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R)	


INFORMATION SYSTEMS TECHNOLOGY

IST-100	Computer Basics	
IST-101	Basic Keyboarding	
IST-102	Introduction to Information Technology	
IST-107	Database Management	
IST-108	Microsoft Operating System	
IST-109	UNIX/Linux Operating System	
IST-123	Diversity in a Technological Society	
IST-132	Introduction to C and C++ Programming	
IST-133	Visual Basic	
IST-134	Introduction to JAVA Programming	

IST-150

IST-154	PC Tech: Repair and Troubleshooting	
IST-155	Networking Basics	
IST-156	Networking I	
IST-160	Introduction to Security Fundamentals	
IST-166	Computer Forensics I - Principles and Practices	
IST-261	Server Management I	
IST-269	Internship I	

MANAGEMENT

MGT-103	Principles of Management	
MGT-104	Marketing	
MGT-269	Internship I	

MATHEMATICS

MAT-098	Pre-Algebra	
---------	-------------	--



## SIX STEPS

to become an  
HCC student:

1  
Apply for  
Admission

2  
Apply for  
Financial Aid

3  
Take  
Placement  
Tests

4  
See Advisor  
& Register

5  
Pay for  
College

6  
Get Ready  
for Class



## HCC offers high-quality education at a great price

- **Quality Instruction** – HCC faculty have advanced degrees and training or industry experience in their fields of expertise. HCC has continuously met all 14 standards of excellence in its review by the Middle States Commission on Higher Education.
- **Affordable Tuition** – Students at HCC save an average of \$20,000 on the first two years of college.
- **Career and Transfer Programs** – HCC prepares students for careers that are in demand, through degrees, certificates, and letters of recognition, as well as transfer to four-year schools.
- **Promise Pathway Program** – This new program offers financial assistance, beyond financial aid, to qualifying Washington County high school students to earn a college letter, certificate, or degree.
- **Early College** – Through the ESSENCE Program and the STEMM Technical Middle College, HCC leads the state in the number of high school students (more than 900) enrolled at a Maryland community college.
- **Learning Support Center** – This unique center is having a positive impact on student success rates and gaining recognition as an example of higher education best practices.







For more information on getting started,  
contact HCC at:

240-500-2000  
[www.hagerstownncc.edu](http://www.hagerstownncc.edu)

## Short-term and transfer programs









*Traditional, online, and hybrid classes*


### CAREER PROGRAMS

Accounting and Business  
Administration of Justice (ADJ)  
ADJ: Police Services  
Administrative Assistant   
Advanced Manufacturing (ADM)  
ADM: Basic Electronics  
ADM: Industrial Technology  
Alternative Energy Technology (AET)  
AET: Geothermal Energy Installation  
and Service  
AET: Solar/Wind Energy Installation  
and Service  
Biotechnology  
Bookkeeping  
Certified Medicine Aide  
Certified Nursing Assistant/  
Geriatric Nursing Assistant  
Certified Pharmacy Technician  
Child Care Professional   
Commercial Vehicle Transportation  
Specialist (CVT) (Class A)  
CVT: Transportation Administration  
CVT: Transportation Management   
Computed Tomography Imaging  
Customer Service Assistant   
Cybersecurity  
Dental Assisting  
Dental Hygiene  
Digital Instrumentation and Process  
Control  
Early Childhood and Primary Grades  
Education  
Electrical Engineering Technology (EET)  
Fitness Training  
Graphic Design Technology (GDT)  
GDT: Computer Graphic Artist   
GDT: Graphic Production Specialist   
Health Information Management\*  
Health, Physical Education, and  
Leisure Studies  
Human Services Technician  
Industrial Technology (INT):  
HVAC and Plumbing  
INT: Welding and Fabrication  
Information Systems Technology (IST)  
IST: Computer Support Specialist  
IST: Digital Forensics  
IST: Simulation and Digital Entertainment  
Magnetic Resonance Imaging  
Mammography  
Management   
Management: Marketing   
Mechanical Engineering Technology (MET)  
MET: Computer-Aided Design  
Medical Assistant

Medical Coding and Reimbursement  
Specialist  
Network Administration  
Nursing  
Paramedic Emergency Services (PES)  
PES: EMT-I to EMT-P Bridge  
Phlebotomy  
Police Academy  
Practical Nursing  
Radiography  
Web and Multimedia Technology (WEB)  
WEB: Web Site Development  
WEB: Web/Multimedia Development

### TRANSFER PROGRAMS

Administration of Justice  
Arts and Sciences   
Biology  
Business Administration   
Chemistry  
Computer Science  
Cybersecurity  
Dance  
Early Childhood Education  
Education   
Elementary Education  
Engineering Science  
English   
English, Secondary Education   
Environmental Studies\*  
Foreign Language  
General Studies   
Graphic Design  
Health, Physical Education, and  
Leisure Studies  
History   
Human Services  
Mathematics  
Music  
Paralegal Studies  
Physics  
Political Science   
Pre-Pharmacy  
Psychology  
Sociology  
Theater  
Visual Arts

\*Pending MHEC approval  
 Denotes programs that are also offered online

Non-Profit Org.  
U.S. Postage  
PAID  
Hagerstown, MD  
Permit No. 510



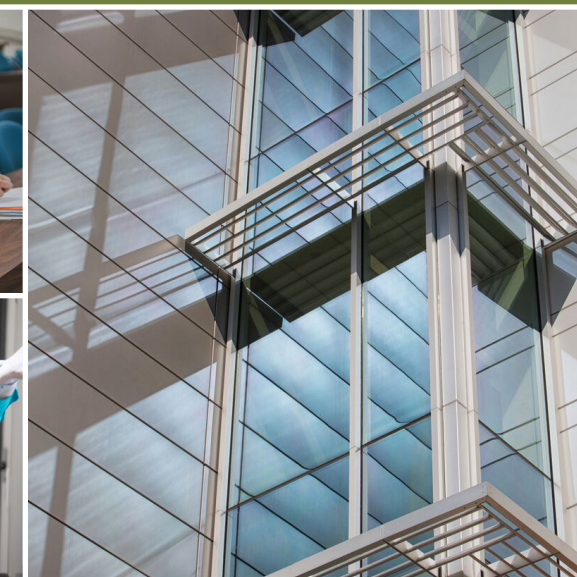
Hagerstown Community College  
11400 Robinwood Drive  
Hagerstown, MD 21742  
Phone: 240-500-2000

Get Connected  
      
@hagerstowncc | #hccnow

# FALL 2017

## CREDIT COURSE GUIDE

### Hagerstown Community College



More than 100  
programs of study

Highly qualified faculty

Vibrant, 319-acre  
campus

Great transfer  
agreements

LIVE YOUR STORY  
@ HCC



CLASSES START AUGUST 28  
REGISTER NOW AT [HAGERSTOWNCC.EDU](http://HAGERSTOWNCC.EDU)