2016 **Fall Credit** Course Listing

View classes and times at *www.hagerstowncc.edu/webadvisor*

ACCOUNTING
ACC-101 Principles of Accounting I
ACC-102 Principles of Accounting II
ACC-105 Income Tax Accounting I
ACC-165 Certified Bookkeeping Preparation
ACC-201 Intermediate Accounting I
ACC-210 Managerial Accounting

ADMINISTRATION OF JUSTICE
ADJ-101 Introduction to Criminal Justice
ADJ-108 Introduction to Homeland Security
ADJ-203 Criminal Law
ADJ-204 Criminal Investigation

ADVANCED MANUFACTURING SYSTEMS
ADM-201 Lean Manufacturing and Quality Assurance

ALTERNATIVE ENERGY
AET-101 Applied Mathematics for Technology
AET-102 Introduction to Alternative Energy
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-099 Biology for Allied Health
BIO-103 Human Anatomy & Physiology I
BIO-103L Human Anatomy & Physiology I: Lab
BIO-104 Human Anatomy & Physiology II
BIO-104L Human Anatomy & Physiology II: Lab
BIO-106 Unity and Diversity of Living Things
BIO-106L Unity and 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-116 Human Anatomy and Physiology for Allied Health
BIO-116L Human Anatomy and Physiology for Allied Health 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-103 Forensic Science
BTC-103L Forensic Science: Lab
BTC-201 Discovery Research
BTC-201L Discovery Research: Lab

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
CAD-269 Internship I

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-223 Cybersecurity Select Topics
CYB-225 Tactical Perimeter Defense
CYB-240 Ethical Hacking Fundamentals
CYB-246 Introduction to Cloud Computing

DANCE
DNC-101 Dance Appreciation
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-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

ELECTRONICS
ELE-103 Analog and Digital Electronics
ELE-110 Fundamentals of Electricity
ELE-113 Instrumentation and Process Control I
ELE-158 Circuits, Schematics, and Test Equipment
ELE-203 PLC Applications

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-181 EMS Practicum I
EMS-201 Shock Trauma Resuscitation
EMS-210 Medical Emergencies II
EMS-211 Pediatrics and Special Populations
EMS-281 EMS Practicum III

ENGINEERING SCIENCE
EGR-103 Introduction to Engineering Science
EGR-203 Mechanics of Materials

ENGINEERING TECHNOLOGY
EGT-150 Introduction to CNC Programming
EGT-150L CNC Programming: Lab
EGT-231 Strength of Materials
EGT-235 Fluid Power
EGT-235L Fluid Power: Lab
EGT-269 Internship I

ENGLISH
ENG-098 Writing Basics
ENG-099 Writing Essentials
ENG-100 Beginning Composition
ENG-101 English Composition
ENG-102 Composition and Literature
ENG-112 Technical Writing I
ENG-203 British Literature I
ENG-209 Creative Writing I
ENG-210 Creative Writing II
ENG-214 Applied English Grammar
ENG-220 Literature By and About Women

ENGLISH AS A LEARNED LANGUAGE
ELL-101 English Comp for English Language Learner

ENGLISH AS A SECOND LANGUAGE
ESL-100 ESL Beginning Composition

FRENCH
FRN-101 Elementary French I
FRN-102 Elementary French II

GEOGRAPHY
GEO-105 World Regional Geography

GERMAN
GER-101 Elementary 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
HIS-207 The Civil War

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

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)
INT-113 Instrumentation and Process Control I
INT-206 AWS Welding Certification Preparation

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-132 Introduction to C and C++ Programming
IST-133 Visual Basic
IST-134 Introduction to JAVA Programming
IST-150 PC Tech: Repair and Troubleshooting
IST-151 PC Tech: Operating Systems
IST-154 Networking Basics
IST-155 Networking I
IST-156 Networking II
IST-160 Introduction to Security Fundamentals
IST-166 Computer Forensics I - Principles and Practices
IST-253 TCP/IP
IST-255 Networking III
IST-261 Server Management I
IST-269 Internship I

MANAGEMENT
MGT-103 Principles of Management
MGT-104 Marketing
MGT-210 Human Resources Management
MGT-214 Small Business Management

MATHEMATICS
MAT-098 Pre-Algebra
MAT-099 Introductory Algebra
MAT-100 Intermediate Algebra and Statistics
MAT-101 College Algebra
MAT-102 Trigonometry
MAT-103 Finite Mathematics
MAT-107 Fundamental Concepts of Mathematics I
MAT-108 Fundamental Concepts of Mathematics II
MAT-109 Introduction to Statistics
MAT-114 Introduction to Applied Algebra
MAT-161 Precalculus
MAT-164 Calculus with Applications
MAT-203 Calculus I
MAT-204 Calculus II
MAT-207 Discrete Mathematics
MAT-208 Linear Algebra
MAT-209 Engineering Programming Using MATLAB

MEDICAL ASSISTANT
MAP-102 Medical Terminology
MAP-105 Medical Office Management
MAP-108 Medical Records Analysis and Coding
MAP-110 Introduction to Health Science Professions and Technology
MAP-205 Diagnostic Lab Procedures for the Medical Assistant
MAP-206 Advanced Coding
MAP-210 Clinical Medical Assistant
MAP-211 Coding Simulation and Certification Preparation
MAP-217 Medical Assistant Externship

MUSIC
MUS-101 Music Appreciation
MUS-103 Choral Singing I
MUS-104 Choral Singing II
MUS-106 Introduction to Musical Theater
MUS-107 Jazz Band I
MUS-108 Jazz Band II
MUS-128 Piano I
MUS-130 Wind Ensemble I
MUS-131 Wind Ensemble II
MUS-134 String Ensemble I
MUS-135 String Ensemble II
MUS-143 Aural Skills I
MUS-144 Aural Skills II
MUS-168 Piano II
MUS-170 Advanced Choral Ensemble
MUS-175 Introduction to Electronic Music
MUS-180 The History of Rock and Roll
MUS-201 Theory of Music I
MUS-202 Theory of Music II
MUS-203 Advanced Choral Singing I
MUS-204 Advanced Choral Singing II
MUS-205 Music Skills for the Classroom Teacher
MUS-207 Advanced Jazz Band I
MUS-208 Advanced Jazz Band II
MUS-228 Piano III
MUS-230 Wind Ensemble III
MUS-231 Wind Ensemble IV
MUS-243 Aural Skills III
MUS-268 Piano IV

NURSING
NUR-112 Care of Human Needs
NUR-112C Care of Human Needs: Clinical
NUR-112L Care of Human Needs: Lab
NUR-113 Practical Nursing Through the Lifespan I
NUR-113C Practical Nursing Through the Lifespan I Clinical
NUR-113L Practical Nursing Through the Lifespan I:lab
NUR-116 Foundations of Nursing I
NUR-117 Foundations of Nursing II
NUR-117C Foundations of Nursing II: Clinical
NUR-117L Foundations of Nursing II: Lab
NUR-120 Certified Nursing Assistant
NUR-120C Certified Nursing Assistant: Clinical
NUR-120L Certified Nursing Assistant: Lab
NUR-123 Certified Geriatric Assistant
NUR-123C Certified Geriatric Assistant: Clinical
NUR-123L Certified Geriatric Assistant: Lab
NUR-126 Nursing Care of Women and Infants
NUR-126C Nursing Care of Women and Infants: Clinical
NUR-126L Nursing Care of Women and Infants: Lab
NUR-127 Nursing Care of Children
NUR-127C Nursing Care of Children: Clinical
NUR-127L Nursing Care of Children Lab
NUR-224 Pharmacology for Nursing Practice
NUR-226 Behavioral Health Nursing
NUR-226C Behavioral Health Nursing Clinical
NUR-226L Behavioral Health Nursing Lab
NUR-228 Contemporary Trends in Nursing And Leadership
NUR-229 Nursing Care of the Acute and Chronically Ill Adult I
NUR-229C Nursing Care of the Acute and Chronically Ill Adult I: Clinical
NUR-229L Nursing Care of the Acute and Chronically Ill Adult I: Lab
NUR-230 Nursing Care of the Acute and Chronically Ill Adult II
NUR-230C Nursing Care of the Acute and Chronically Ill Adult II: Clinical
NUR-230L Nursing Care of the Acute and Chronically Ill Adult II: Lab
NUR-231 Nursing Care of the Acute and Chronically Ill Adult III
NUR-231C Nursing Care of the Acute and Chronically Ill Adult III: Clinical
NUR-231L Nursing Care of the Acute and Chronically Ill Adult III: Lab

PARALEGAL STUDIES
PLS-101 Introduction to Paralegal Studies
PLS-102 Legal Research
PLS-105 Contracts and Torts

PHARMACY TECHNICIAN
PHR-101 Introduction to Pharmacy Technology
PHR-102 Pharmaceutical Calculation
PHR-103 Pharmacy Applications
PHR-107 Professionalism, Law and Ethics
PHR-110 Pharmacology & Therapeutics I
PHR-112 Dispensing and Compounding Applications
PHR-269 Pharmacy Tech Workplace Experience

PHILOSOPHY
PHL-101 Introduction to Philosophy
PHL-103 Ethics

PHLEBOTOMY
PLB-105 Phlebotomy
PLB-106 Phlebotomy Clinical Externship
PLB-107 Phlebotomy Pre-Externship Review

PHYSICAL EDUCATION
PED-110 Golf
PED-127 Aikido
PED-132 Yoga: Beginning
PED-139 Fitness Walking
PED-141 Strength Training: Beginning
PED-142 Strength Training: Intermediate
PED-143 Strength Training: Advanced
PED-144 Jogging
PED-170 Individual Assessment: Beginning
PED-171 Individual Assessment: Intermediate
PED-172 Individual Assessment: Advanced
PED-176 Women: Basketball
PED-177 Men: Basketball
PED-179 Baseball
PED-181 Softball
PED-183 Women: Basketball - Advanced
PED-184 Men: Basketball - Advanced
PED-189 Intermediate Baseball
PED-191 Intermediate Softball
PED-198 Fundamental Fitness and Motor Skills
PED-201 Introductory Analysis of Physical Education
PED-215 Early Childhood Physical Activities
PED-216 Care and Prevention of Athletic Injuries
PED-226 Sport Psychology
PED-230 Concepts of Exercise Programming
PED-240 Diversity and Cultural Issues in Sport and Athletics
PED-245 Introduction to Sport Management

PHYSICAL SCIENCE
PHS-104 General Physical Science
PHS-104L General Physical Science: Lab
PHS-107 Introductory Physical Geology
PHS-108 Introductory Physical Geology
PHS-108L Introductory Physical Geology: Lab
PHS-109 Meteorology

PHYSICS
PHY-201 General Physics I
PHY-201L General Physics I: Lab
PHY-203 Principles of Physics I
PHY-203L Principles of Physics I: Lab

POLITICAL SCIENCE
POL-101 American Government
POL-204 International Relations

PSYCHOLOGY
PSY-101 General Psychology
PSY-203 Educational Psychology
PSY-204 Developmental Psychology: Lifespan Human Development
PSY-206 Abnormal Psychology
PSY-208 Theories of Personality
PSY-216 Social Psychology
PSY-240 Research Methods in the Social and Behavioral Sciences

RADIOGRAPHY
RAD-102 Radiography II
RAD-102L Radiography II: Lab
RAD-104 Radiographic Positioning II
RAD-104L Radiographic Positioning II: Lab
RAD-106 Clinical Technique I
RAD-190 Supplemental Clinical Education
RAD-201 Radiographic Imaging Concepts
RAD-202 Advanced Medical Imaging Concepts
RAD-205 Clinical Technique III
RAD-212 Cross-Sectional Anatomy
RAD-215 Pathology for Imaging Sciences
RAD-216 Mammography for Radiographers
RAD-216A Mammography Practicum I
RAD-220 CT Imaging Practicum I
RAD-220A CT Imaging Practicum II
RAD-224 MRI Clinical Practicum I
RAD-224A MRI Clinical Practicum II

STEM
STM-117 STEM Seminar III

SIMULATION/DIGITAL ENTERTAINMENT
SDE-102 Multimedia Authoring
SDE-201 Multimedia Algorithms
SDE-203 3D and Advanced Animation
SDE-269 Internship I

SOCIOLOGY
SOC-101 Introduction to Sociology
SOC-102 Sociology of Social Problems
SOC-103 Criminology
SOC-106 Race and Ethnic Relations in the United States

SPANISH
SPN-101 Elementary Spanish I
SPN-102 Elementary Spanish II
SPN-201 Intermediate Spanish I
SPN-202 Intermediate Spanish II

SPEECH
SPD-103 Public Speaking
SPD-108 Introduction to Human Communication

STUDENT DEVELOPMENT
STU-106 Professionalism in the Workplace

STUDENT SUCCESS
SDV-101 Strategies for Academic Success

THEATER
THR-101 Introduction to the Theater
THR-106 Fundamentals of Acting
THR-112 Costume Design
THR-114 History of the Theatre
THR-207 Technical Theater

TRANSPORTATION-COMMERCIAL VEHICLE
TRK-108 Commercial Vehicle Transportation Career Development
TRK-109 Fundamentals of Commercial Vehicle Transportation
TRK-110 Introduction to Commercial Vehicle Transportation
TRK-112 Introduction to Commercial Vehicle Pre-Trip Inspections
TRK-115 Commercial Vehicle Skills Application
TRK-210 Transportation Management

WORLD WIDE WEB
WEB-101 Web Design I
WEB-210 Web Developer II
WEB-215 Javascript and Multimedia
WEB-269 Internship

Denotes classes that are also offered online

Classes start

August 29 for 15-week sessions
September 14 for 12-week sessions
August 29 and October 5 for 10-week sessions
August 29 and October 24 for 7 ½ -week sessions
August 29, October 4, and November 9 for 5-week sessions

NOTE: Fall tuition and fee payments due by July 21.

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

- **New Student Center** – HCC's newly renovated and expanded Student Center is now open. It is home to Student Services, Student Activities, and expanded dining and meeting spaces for students.
- **Quality Instruction** – HCC faculty have advanced degrees and training or industry experience in their fields of expertise. HCC recently 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-Focused and Transferable 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.
- **Credit for Prior Learning** – Students can earn credits for prior traditional and nontraditional education (military training, standardized exams, and prior learning assessment).
- **Online Programs and Courses** – HCC continues to add more online classes and now offers several degree and certificate programs that can be finished completely online. (Look for the computer icon by online courses and programs.)

For more information on getting started, contact HCC at:

240-500-2000
www.hagerstowncc.edu

HCC offers more than 100 programs of study

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
Certified Medicine Aide
Certified Nursing Assistant/ Geriatric Nursing Assistant
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
Fitness Training
Graphic Design Technology (GDT)
GDT: Computer Graphic Artist
GDT: Graphic Production Specialist
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 Forensics
IST: Computer Support Specialist
IST: Simulation and Digital Entertainment
IST: Small Business Technology
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
PES: Prehospital Basic Life Support
Pharmacy Technician
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
English
English, Secondary Education
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

Denotes programs that are also offered online

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HAGERSTOWN COMMUNITY COLLEGE

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FALL2016

CREDIT COURSE GUIDE

Hagerstown Community College

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