



2014 Fall Credit Course Listing

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	
ACC-210	Managerial Accounting	

ADMINISTRATION OF JUSTICE

ADJ-101	Introduction to Criminal Justice	
ADJ-102	American Law Enforcement	
ADJ-104	Corrections in America	
ADJ-203	Criminal Law	
ADJ-204	Criminal Investigation	
ADJ-205	Forensic Science for Criminal Justice	

ALTERNATIVE ENERGY

AET-102	Introduction to Alternative Energy	
AET-104	Geo-Thermal Installation	
AET-108	Wind Energy Installation	

AMERICAN SIGN LANGUAGE

ASL-101	Basic Sign Language	
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ANTHROPOLOGY

ANT-201	Cultural Anthropology	
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ART

ART-101	Introduction to Visual Arts	
ART-102	Two-Dimensional Design	
ART-103	Drawing I	
ART-104	Painting I	
ART-108	Three-Dimensional Design	
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-218	Photography for the Public Discourse	
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-101	General Biology I	
BIO-101L	General Biology I: Lab	
BIO-103	Human Anatomy and Physiology I	
BIO-103L	Human Anatomy & Physiology I: Lab	
BIO-104	Human Anatomy and Physiology II	
BIO-104L	Human Anatomy & Physiology II: Lab	
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-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-201	Discovery Research	

BTC-201L	Discovery Research: Lab	
BTC-269	Biotechnology Internship I	
BTC-270	Biotechnology Internship II	

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-203	Organic Chemistry I	
CHM-203L	Organic Chemistry I: Lab	



COMPUTER AIDED DESIGN

CAD-152	Computer-Aided Design I	
CAD-228	CAD III: Mechanical	


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-245	Introduction to Penetration Testing	



DANCE

DNC-101	Dance Appreciation	
DNC-103	Hip Hop I	
DNC-105	Tap I	
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-213	Ballet: Intermediate II	
DNC-214	Ballet: Intermediate III	
DNC-215	HCC Dance Company	
DNC-230	Choreography & Improvisation	







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	

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-211	Introduction to Special Education	
EDU-212	Processes and Acquisition of Reading	

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-210	Medical Emergencies II	
EMS-211	Pediatrics and Special Populations	
EMS-281	EMS Practicum III	
EMS-283	Bridge Practicum I	







ENGINEERING SCIENCE

EGR-103	Introduction to Engineering Statics	
EGR-108	Statics	
EGR-203	Mechanics of Materials	

ENGINEERING TECHNOLOGY

EGT-150	Introduction to CNC Programming	
EGT-150L	NC Programming: Lab	
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-112	Technical Writing I	
ENG-114	Mythology	
ENG-201	World Literature I	
ENG-203	British Literature I	
ENG-205	American Literature I	
ENG-214	Applied English Grammar	
ENG-216	Ethnic Voices in American Literature	
ENG-219	Contemporary Literature	
ENG-240	Seminar in English Studies	

ENGLISH AS A LEARNED LANGUAGE

ELL-107	ESL Grammar	
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ENGLISH AS A SECOND LANGUAGE

ESL-100	ESL Beginning Composition	
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FRENCH

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





GEOGRAPHY

GEO-105	World Regional Geography	
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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-220	Digital Video and Audio	

HEALTH

HEA-102	Nutrition	
HEA-103	Personal Health	
HEA-105	First Aid	
HEA-203	Personalized Approach to Mental and Physical Health	



HISTORY

HIS-101	World History I	
HIS-102	World History II	
HIS-201	United States History I	
HIS-202	United States History II	
HIS-210	Latin American History	


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-102	Introduction to PLCs	
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-110	Fundamentals of Electricity	
INT-116	Welding Layout and Fabrication	

INFORMATION SYSTEM TECHNOLOGY







IST-100	Computer Basics	
IST-101	Basic Keyboarding	
IST-102	Introduction to Information Technology	
IST-103	Presentation Software	
IST-105	Fundamentals of Word Processing	
IST-106	Spreadsheet Software	
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	Networking III	
IST-261	Server Management I	
IST-269	Internship I	

MANAGEMENT

MGT-103	Principles of Management	
MGT-104	Marketing	
MGT-105	Personal Finance	
MGT-210	Human Resources Management	
MGT-214	Small Business Management	

MATHEMATICS


MAT-098	Pre-Algebra	
MAT-099	Elementary Algebra	
MAT-100	Intermediate Algebra	
MAT-101	College Algebra	
MAT-103	Finite Mathematics	
MAT-107	Fundamental Concepts of Mathematics I	
MAT-108	Fundamental Concepts of Mathematics II	
MAT-109	Introduction to Statistics	

MAT-110	Statistics in Practice	
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	

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-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-132	Electronic Music Ensemble I	
MUS-133	Electronic Music Ensemble II	
MUS-134	String Ensemble I	
MUS-136	Opera Chorus	
MUS-143	Aural Skills I	
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-203	Advanced Choral Singing I	
MUS-205	Music Skills for the Classroom Teacher	
MUS-207	Advanced Jazz Band I	
MUS-208	Advanced Jazz Band II	
MUS-241	Theory of Music III	
MUS-243	Aural Skills III	

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-121	Certified Nursing/Geriatric Assistant	
NUR-121C	Certified Nursing/Geriatric Assistant: Clinical	
NUR-121L	Certified Nursing/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-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 III Adult I	
NUR-229C	Nursing Care of the Acute and Chronically III Adult I: Clinical	
NUR-229L	Nursing Care of the Acute and Chronically III Adult I: Lab	
NUR-230	Nursing Care of the Acute and Chronically III Adult II	
NUR-230C	Nursing Care of the Acute and Chronically III Adult II: Clinical	
NUR-230L	Nursing Care of the Acute and Chronically III Adult II: Lab	
NUR-231	Nursing Care of the Acute and Chronically III Adult III	
NUR-231C	Nursing Care of the Acute and Chronically III Adult III: Clinical	
NUR-231L	Nursing Care of the Acute and Chronically III Adult II: Lab	

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 is a great choice in higher education

- **Affordable Tuition** – Students at HCC save an average of \$20,000 on the first two years of college.
- **Quality Instruction** – Most HCC faculty have advanced degrees and training or industry experience in their fields of expertise.
- **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).
- **MORE Online Programs and Courses** – HCC is constantly adding 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.)
- **NEW Evening Course Packages** – Many evening courses are now scheduled in such a way that students can take multiple courses each semester by attending class just one night a week.
- **State-of-the-Art Facilities** – HCC's new Learning Support Center, Behavioral Sciences and Humanities Building, STEM Building, and Kepler Performing and Visual Arts Education Center complete the new Arts and Sciences Complex.

For more information on getting started,
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HCC offers more than 100 programs of study

CAREER PROGRAMS

Accounting and Business
Administration of Justice
ADJ: Police Services
Administrative Assistant 
Alternative Energy Technology
AET: Geothermal Energy Installation
and Maintenance
AET: Solar/Wind Energy Installation
and Maintenance
Biotechnology
Certified Medicine Aide
Certified Nursing Assistant/
Geriatric Nursing Assistant
Child Care Professional 
Commercial Vehicle Transportation
Specialist (Class A)
CVT: Transportation Administration
CVT: Transportation Management 
Computed Tomography Imaging
Customer Service Assistant 
Cybersecurity
Dental Assisting
Dental Hygiene (coming 2014,
pending CODA approval)
Digital Instrumentation and Process Control
DPC: Automation Technology
Early Childhood and Primary Grades
Education
Fitness Training
Graphic Design Technology
GDT: Computer Graphic Artist 
GDT: Graphic Production Specialist 
Health, Physical Education and
Leisure Studies
Human Services Technician
Industrial Technology
INT: Facilities Maintenance Technology
INT: Heating, Ventilation, Air Conditioning,
and Plumbing
INT: Welding and Fabrication
Information Systems Technology
IST: Computer Forensics
IST: Computer Support Specialist
IST: Desktop User Specialist
IST: Simulation and Digital Entertainment
IST: Small Business Technology
Magnetic Resonance Imaging
Mammography
Management 
Management: Marketing 

Mechanical Engineering Technology
MET: Computer-Aided Design
Medical Assistant
Medical Coding and Reimbursement
Specialist
Networking Administration
Nursing
Paramedic Emergency Services
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 Site Development
WEB: Web/Multimedia Development

TRANSFER PROGRAMS

Administration of Justice
Arts and Sciences 
Biology
Business Administration 
Chemistry
Computer Science
Cybersecurity
Early Childhood Education
Education 
Elementary Education
Engineering Science
English 
English 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

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