

These courses are connected to applied degree and/or certificate programs at HCC.

- **Qualified instructors must have 2,000 work hours experience unless otherwise noted.**

*\*This section also displays transferable elective courses denoted by an asterisk, which often differ from career-technical education courses in terms of prerequisites and/or instructor qualifications.\**

You are welcome to reach out to Heartland Academic Departments to discuss specific course options and/or pathways related to course options:

[heartland.edu/academicDepartments](http://heartland.edu/academicDepartments)



**EARLY COLLEGE  
OPPORTUNITIES**  
Heartland Community College

[www.heartland.edu/sep/collegeNOW/courseSelection](http://www.heartland.edu/sep/collegeNOW/courseSelection)

## Administrative Office Professional | Business Technology

Course Options	Credits	Capacity	Prerequisites
*ACSM 101: Intro to Computers	3	30	None required for College NOW students
ACSM 125: Powerpoint	1	30	None required for College NOW students
ACSM 136: Excel Level I	1	30	None required for College NOW students
ACSM 137: Excel Level II	1	30	Completion of/concurrent enrollment in ACSM 136
ACSM 138: Excel Level III	1	30	Completion of/concurrent enrollment in ACSM 137
ACSM 146: Access Level I	1	30	None required for College NOW students
ACSM 147: Access Level II	1	30	Completion of/concurrent enrollment in ACSM 146
ACSM 148: Access Level III	1	30	Completion of/concurrent enrollment in ACSM 147
ACSM 156: Word Level I	1	30	None required for College NOW students
ACSM 157: Word Level II	1	30	Completion of/concurrent enrollment in ACSM 156
ACSM 158: Word Level III	1	30	Completion of/concurrent enrollment in ACSM 157
*BUSN 110: Intro to Business	3	30	Placement at college-level Literacy

*Instructor qualifications for:*

- ▶ *ACSM 101: Master's degree w/ a minimum of 18 graduate hours in CSCI or master's degree in CSCI*
- ▶ *BUSN 110: Master's degree w/ a minimum of 18 graduate hours in BUSN or master's degree in BUSN*



**EARLY COLLEGE  
OPPORTUNITIES**  
Heartland Community College

[www.heartland.edu/sep/collegeNOW/courseSelection](http://www.heartland.edu/sep/collegeNOW/courseSelection)

## Computer Science | Networking | Digital Media

Course Options	Credits	Capacity	Prerequisites
*CSCI 101: Intro to Computer Information Science	4	24	None required for College NOW students
NETW 150: Workstation Operating Systems	3	20	None required for College NOW students
NETW 151: PC Hardware Maintenance & Repair	3	20	None required for College NOW students
NETW 160: Intro to Networking	3	20	None required for College NOW students
NETW 167: Windows Server Administration	3	20	Completion of NETW 150 w/ a C or better
DMED 101: Intro to Digital Media	3	18	None required for College NOW students
DMED 110: Web Page Development	3	18	None required for College NOW students
DMED 120: Computer Imaging & Design	3	18	None required for College NOW students

*Instructor qualifications for CSCI 101: Master's degree w/ a minimum 18 graduate hours in CSCI **OR** master's degree in CSCI **AND** CISCO instructor certification.*



## Early Childhood Education

Course Options	Credits	Capacity	Prerequisites
*CHLD 101: Intro to Early Childhood	3	32	None required for College NOW students
*CHLD 102: Growth & Development of the Young Child	3	32	None required for College NOW students
CHLD 202: Healthy, Safety & Nutrition for the Young Child	3	32	None required for College NOW students

*Instructor qualifications for CHLD 101/102/202: Master's degree w/a minimum of 18 graduate hours in ECE or related field.*



## Health Sciences | Emergency Medical Services

Course Options	Credits	Capacity	Prerequisites
EMT 101: Emergency Medical Technician	8	25	None required for College NOW students
HLTH 110: Medical Terminology	3	30	None required for College NOW students
NURS 110: Nursing Assistant	8	8	None required for College NOW students

*Instructor qualifications for EMT 101: A current license as an EMT-B, EMT-I, EMT-P, RN or physician;*

- *a minimum of four years of experience in pre-hospital emergency care;*
- *at least two years of documented teaching experience;*
- *documented classroom teaching experience, i.e., BTLS, PHTLS, CPR, Pediatric Advanced Life Support (PALS);*
- *documented successful completion of the Illinois EMS Instructor Education Course or equivalent to the National Standard Curriculum for EMS Instructors.*

*Instructor qualifications for NURS 110: 2,000 work hours experience AND an active IL RN license AND current Train the Trainer (IDPH) certificate.*



## Industrial Technology

Course Options	Credits	Capacity	Prerequisites
CAD 101: Intro to AutoCAD	3	25	None required for College NOW students
CAD 235: CAD for Construction	3	16	Completion of, or concurrent enrollment in, CAD 101
CNST 101: Construction Materials & Methods	3	16	None required for College NOW students
MFTG 115: Manufacturing & Production Processes	3	25	None required for College NOW students
TECH 114: Intro to Technical Graphics	3	20	None required for College NOW students
WELD 110: Intro to Welding Processes	3	10-20	None required for College NOW students
WELD 116: Shielded Metal Arc Welding I	3	10-20	Completion of WELD 110



## Project Lead the Way

Course Options	Credits	Capacity	Prerequisites
TECH 121: Principles of Engineering	3	30	None required for College NOW students
TECH 122: Aerospace Engineering	3	30	None required for College NOW students
TECH 123: Biomedical Engineering	3	30	None required for College NOW students
TECH 124: Civil Engineering & Architecture	3	30	None required for College NOW students
TECH 125: Computer Integrated Manufacturing	3	30	None required for College NOW students
TECH 126: Digital Electronics	3	30	None required for College NOW students
TECH 127: Engineering Design & Development	3	30	None required for College NOW students

