2023-2024 Program to Program TRANSFER PROGRAM

Delaware County Community College students who wish to participate in the Program to Program Transfer program should:

- Meet with a School of Continuing Education advisor as early as possible in their DCCC program.
 Please contact the School of Continuing Education Division at (484) 664-3300 or continuingstudies@muhlenberg.edu to schedule an advising appointment.
- Complete an <u>Intent to Enroll form</u> to confirm their intention to matriculate at the School of Continuing Education. Forms must be submitted to the School of Continuing Education according to the following schedule:
 - By May 1 for October start dates
 - By September 1 for February start dates
 - By February 1 for June start dates

DCCC students who complete an Intent to Enroll form will be governed by the School of Continuing Education degree requirements in effect at the time of signing the form. Applicable courses for which a C- or better was earned in an DCCC degree program will be eligible for transfer to the School of Continuing Education.

Students who are admitted to the School of Continuing Education under a Program to Program agreement, transfer an associate degree from DCCC, maintain good academic standing and adhere to all School of Continuing Education program requirements will be eligible to receive a \$1500 academic scholarship per year.

Students who are admitted to the School of Continuing Education under a Program to Program agreement as members of Phi Theta Kappa at DCCC at their time of transfer will be eligible to receive an additional \$500 scholarship per academic year. The eligible student must provide documentation of membership in PTK and must maintain a cumulative GPA of at least 3.5 in the Accelerated Degree Program to receive the scholarship in subsequent years of enrollment.

Students may be eligible for need-based financial aid and other types of financial assistance. Speak with your School of Continuing Education advisor for more information.

Upon completion of their work at the community college, students who have earned a grade point average of 2.75 or greater and who meet all other requirements, may enroll at Muhlenberg to pursue an accelerated bachelor's degree. If your GPA is less than 2.75, please speak with a GCE advisor.



Table of Contents

| Accounting A.A.S. | 3 |
|--|----|
| Business Administration A.S. | 4 |
| Computer Science A.S. | 5 |
| Communication Arts – Communication Studies Option A.A. | 6 |
| Communication Arts – Journalism Option A.A. | 7 |
| Communication Arts – Theatre Option A.A. | 8 |
| General Business A.A.S. | 9 |
| General Studies A.A. | 10 |
| Global Studies A.A.S. | 11 |
| Health Care Management A.A.S. | 12 |
| Hotel and Restaurant Management A.A.S. | 13 |
| Information Technology, Computer Programming A.A.S. | 14 |
| Information Technology, Game Development A.A.S. | 15 |
| Information Technology, Help Desk/Technical Support A.A.S. | 16 |
| Information Technology, Interactive Multimedia A.A.S. | 17 |
| Information Technology, Network Engineering A.A.S. | 18 |
| Information Technology, Web Development A.A.S. | 19 |
| Interactive Computing (Front-end Developer), A.A.S. | 20 |
| Interactive Computing (Back-end Developer), A.A.S. | 21 |
| Interactive Computing (Immersive Media or Game Design Developer), A.A.S. | 22 |
| Medical Assistant A.A.S. | 23 |
| Nursing A.A.S. | 24 |
| Paralegal A.A.S. | 25 |
| Other Majors | 26 |

Delaware County Community College Accounting A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership, Supply Chain Management, Project Management, or Business Analytics

| First Semester | | Credits |
|---------------------|---|---------|
| ENG100 | English Composition I | 3 |
| BUS104 | Mathematics for Business | 3 |
| BUS100 | Introduction to Business | 3 |
| ACC111 | Financial Accounting | 3 |
| CS100 | Introduction to Information Technology | 3 |
| Semester Total | | 15 |
| Second Semester | | Credits |
| ENG112 | English Composition II: Writing About Literature | 3 |
| ACC112 | Managerial Accounting | 3 |
| ACC115 | Computerized Accounting | 4 |
| Elective | BUS/DPR Elective | 3 |
| Elective | Any Diversity and Social Justice designated Social Science course | 3 |
| Semester Total | | 16 |
| Third Semester | | Credits |
| ACC201 | Introduction to Cost Accounting | 3 |
| BUS130 | Business Communication | 3 |
| ACC202 or ACC210 | Introduction to Tax Accounting or Federal Income Tax Accounting | 3 |
| Elective | Any Scientific Inquiry designated Science course | 4 |
| Elective | Social Science Elective (recommend SOC110) | 3 |
| Semester Total | | 16 |
| Fourth Semester | | Credits |
| BUS243 | Legal Environment of Business | 3 |
| ECO210 or ECO220 | Macroeconomic Principles or Microeconomic Principles | 3 |
| Elective | Humanities Elective | 3 |
| Elective | BUS/DPR Elective | 3 |
| Licetive | | |
| Elective | Open Elective | 3 |

Delaware County Community College Business Administration A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership, Supply Chain Management, Project Management, or Business Analytics

| First Semester | | Credits |
|----------------------|--|---------|
| ENG100 | English Composition I | 3 |
| CS100 | Introduction to Information Technology | 3 |
| BUS100 | Introduction to Business | 3 |
| ACC111 | Financial Accounting | 3 |
| Elective | Any Diversity and Social Justice designated course | 3 |
| Semester Total | | 15 |
| Second Semester | | Credits |
| ENG112 | English Composition II: Writing About Literature | 3 |
| ECO210 | Macroeconomic Principles | 3 |
| MAT135 | Business Precalculus | 3 |
| ACC112 | Managerial Accounting | 3 |
| BUS230 | Principles of Marketing | 3 |
| Semester Total | | 15 |
| Third Semester | | Credits |
| ECO220 | Microeconomic Principles | 3 |
| BUS243 | Legal Environment of Business | 3 |
| BUS210 | Principles of Management | 3 |
| BUS130 | Business Communication | 3 |
| Elective | Any Scientific Inquiry designated Science course | 4 |
| Semester Total | | 16 |
| Fourth Semester | | Credits |
| MAT136 | Business Calculus | 3 |
| BUS220 | Elementary Statistics | 3 |
| Elective | Humanities Elective | 3 |
| | | 3 |
| Elective | BUS or Open Elective (recommend SOC110) | 3 |
| Elective Elective | BUS or Open Elective (recommend SOC110) Science Elective | 4 |

Delaware County Community College Computer Science A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Information Systems Management

| First Semester | | Credits |
|----------------------------------|---|---------|
| ENG100 | English Composition I | 3 |
| MAT160 | Calculus I | 4 |
| CS100 | Introduction to Information Technology | 3 |
| CS101 | Introduction to Computer Science | 3 |
| Elective | Social Science elective (select any transferable Diversity and Social Justice (DJ) and Global Understanding (GU) designated social science course (recommend SOC110) | 3 |
| Semester Total | | 16 |
| Second Semester | | Credits |
| CS110 | Introduction to C++ | 3 |
| MAT161 | Calculus II | 4 |
| ENG112 | English Composition II: Writing About Literature | 3 |
| CS104 | Introduction to Java Programming | 3 |
| Elective | Humanities elective/Social Science elective | 3 |
| Semester Total | | 16 |
| Third Semester | | Credits |
| NET110 | Network Communications | 3 |
| CS204 | Intermediate Java Programming | 3 |
| Elective | Science elective with a lab (select from any transferable Scientific Inquiry (SI) designated science course | 4 |
| Elective | Social Science elective (recommend ECO210 or ECO220) | 3 |
| BUS220 or MAT110 or MAT230 | Elementary Statistics or Statistics or Foundations of Discrete Mathematics | 3 |
| Semester Total | | 16 |
| Fourth Semester | | Credits |
| CS212 | Data Structures and Algorithms | 4 |
| Elective | Any transferable Oral Communication (OC) designated course | 3 |
| Elective | Science elective with a lab | 4 |
| Electives | Humanities electives | 6 |
| Semester Total | | 17 |
| belliester Total | | 17 |

Delaware County Community College Communication Arts - Communication Studies Option A.A. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership, Supply Chain Management, Project Management, or Business Analytics

| | | Credits |
|---|--|------------------------|
| ENG100 | English Composition I | 3 |
| COMM100 | Interpersonal Communication | 3 |
| CS100 or | Introduction to Information Technology or | 3 |
| CS101 | Introduction to Computer Science | 3 |
| HIS110 or | American History I or | |
| HIS120 or | American History II or | 3 |
| HIS150 or | World Civilizations I or | 3 |
| HIS160 | World Civilizations II | |
| Elective | Humanities Elective (foreign language recommended) | 3 |
| Semester Total | | 15 |
| | | C 1!4- |
| Second Semester | | Credits |
| ENG112 | English Composition II: Writing About Literature | 3 |
| COMM104 | Introduction to Mass Communication | 3 |
| Elective | Any transferrable Quantitative Reasoning designated MAT cours | e 3/4 |
| Elective | Any transferable Scientific Inquiry designated science course | 4 |
| Elective | Humanities Elective (foreign language recommended) | 3 |
| Semester Total | | 16 |
| | | |
| Third Semester | | Credit |
| Third Semester | Public Speaking | |
| COMM11 | Public Speaking Communication Across Cultures | |
| COMM11 COMM102 or | Communication Across Cultures | |
| COMM11 | | |
| COMM11 COMM102 or COMM105 | Communication Across Cultures or Small Group Communication Humanities Elective | |
| COMM11 COMM102 or COMM105 Elective | Communication Across Cultures or Small Group Communication | |
| COMM11 COMM102 or COMM105 Elective Elective | Communication Across Cultures or Small Group Communication Humanities Elective Any PSY or SOC course (recommend SOC110) | 3/- |
| COMM11 COMM102 or COMM105 Elective Elective Elective Semester Total | Communication Across Cultures or Small Group Communication Humanities Elective Any PSY or SOC course (recommend SOC110) | 3/- 15/1 |
| COMM11 COMM102 or COMM105 Elective Elective Elective Semester Total Fourth Semester | Communication Across Cultures or Small Group Communication Humanities Elective Any PSY or SOC course (recommend SOC110) | 3/4 15/10 Credits |
| COMM11 COMM102 or COMM105 Elective Elective Elective Semester Total | Communication Across Cultures or Small Group Communication Humanities Elective Any PSY or SOC course (recommend SOC110) | 3/ 15/1 Credits |
| COMM11 COMM102 or COMM105 Elective Elective Elective Semester Total Fourth Semester | Communication Across Cultures or Small Group Communication Humanities Elective Any PSY or SOC course (recommend SOC110) Science or Mathematics Elective | 3/- 15/1 Credits |
| COMM11 COMM102 or COMM105 Elective Elective Elective Semester Total Fourth Semester Electives | Communication Across Cultures or Small Group Communication Humanities Elective Any PSY or SOC course (recommend SOC110) Science or Mathematics Elective Program Electives | 3/- 15/1 |
| COMM11 COMM102 or COMM105 Elective Elective Elective Semester Total Fourth Semester Electives Electives | Communication Across Cultures or Small Group Communication Humanities Elective Any PSY or SOC course (recommend SOC110) Science or Mathematics Elective Program Electives Social Science Elective | 3/- 15/1 Credits |

Delaware County Community College Communication Arts - Journalism Option A.A. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership, Supply Chain Management, Project Management, or Business Analytics

| First Semester | | Credits |
|-----------------------|---|----------|
| ENG100 | English Composition I | 3 |
| COMM100 | Interpersonal Communication | 3 |
| HIS110 or | American History I or | |
| HIS120 or | American History II or | 3 |
| HIS150 or HIS160 | World Civilizations I or World Civilizations II | |
| Elective | Any transferrable Quantitative Reasoning designated MAT cour | se 3/4 |
| Elective | Humanities Elective (foreign language recommended) | 3 |
| Semester Total | | 15/16 |
| Second Semester | | Credits |
| ENG112 | English Composition II: Writing About Literature | 3 |
| ENG130 | Fundamentals of Journalism I | 3 |
| CS100 or | Introduction to Information Technology or | 3 |
| CS101 | Introduction to Computer Science | |
| Elective | Any PSY or SOC course (recommend SOC110) | 3 |
| Elective | Humanities Elective (foreign language recommended) | 3 |
| Semester Total | | 15 |
| Third Semester | | Credit |
| ENG131 | Fundamentals of Journalism II | |
| COMM104 | Introduction to Mass Communication | , |
| Elective | Humanities Elective | |
| Elective | Program Option Elective | , |
| Elective | Any transferable Scientific Inquiry designated science course | 4 |
| Semester Total | | 10 |
| Fourth Semester | | Credit |
| Elective | Program Option Electives | <u> </u> |
| Elective | Humanities Elective | , |
| Elective | Science or Mathematics Elective | 3/4 |
| Elective | Social Science Elective | |
| Elective | Open Elective | |
| | | 15/10 |

Delaware County Community College Communication Arts - Theatre Option A.A. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership, Supply Chain Management, Project Management, or Business Analytics

| First Semester | C | redits |
|-------------------|---|---------|
| ENG100 | English Composition I | 3 |
| COMM100 | Interpersonal Communication | 3 |
| DRA100 or | Introduction to Theatre or | 3 |
| DRA110 | Acting I | |
| HIS110 or | American History I or | |
| HIS120 or | American History II or | 3 |
| HIS150 or | World Civilizations I or | |
| HIS160 | World Civilizations II | 4 |
| Elective | Any transferable Scientific Inquiry designated Science course | 4 |
| Semester Total | | 16 |
| Second Semester | | Credits |
| ENG112 | English Composition II: Writing About Literature | 3 |
| Elective | Any transferrable Quantitative Reasoning designated MAT course | 3/4 |
| CS100 or | Introduction to Information Technology or | 3 |
| CS101 | Introduction to Computer Science | |
| DRA100 or | Introduction to Theatre or | 3 |
| DRA110 | Acting I | |
| Elective | Any PSY or SOC course (recommend SOC110) | 3 |
| Semester Total | | 15/16 |
| Third Semester | | Credits |
| DRA116 | Stagecraft | 3 |
| Elective | Program Option Elective | 3 |
| Elective | Humanities Elective | 3 |
| Elective | Humanities Elective (foreign language recommended) | 3 |
| Elective | Science or Mathematics Elective | 3/4 |
| Semester Total | | 15/16 |
| Fourth Semester | | Credits |
| Elective | Program Option Elective | 3 |
| Elective | Social Science Elective | 3 |
| | Humanities Elective | 3 |
| Elective | | |
| Elective Elective | Humanities Elective (foreign language recommended) | 3 |
| Elective Elective | Humanities Elective (foreign language recommended) Open Elective | 3 |

Delaware County Community College General Business A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership, Supply Chain Management, Project Management, or Business Analytics

| First Semester | | Credits |
|-----------------|--|---------|
| ENG100 | English Composition I | 3 |
| DPR100 | Management Information Systems | 3 |
| BUS100 | Introduction to Business | 3 |
| BUS104 | Mathematics for Business | 3 |
| Elective | Any Diversity and Social Justice designated course (recommend SOC110) | 3 |
| Semester Total | | 15 |
| Second Semester | | Credits |
| ACC111 | Applied Accounting or | 3 |
| ACC111 BUS210 | Financial Accounting Dringing of Management | 3 |
| | Principles of Management | |
| BUS130 | Business Communication | 3 |
| PSY130 | Personal and Career Development | 3 |
| Elective | Recommended Program Elective | 3 |
| Semester Total | | 15 |
| Third Semester | | Credits |
| BUS230 | Principles of Marketing | 3 |
| BUS215 | Human Resource Management | 3 |
| Elective | Any Scientific Inquiry designated Science course | 4 |
| Elective | Recommended Program Electives | 6 |
| Semester Total | | 15 |
| Fourth Semester | | Credits |
| Elective | Any Global Understanding (GU) designated course (recommend HIS110 or HIS120) | 3 |
| Elective | Recommended Program Electives (recommend ECO210 or ECO220) | 12 |
| Semester Total | | 15 |

Delaware County Community College General Studies A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership, Supply Chain Management, Project Management, or Business Analytics

| First Semester | | Credits |
|-----------------|---|---------|
| ENG100 | English Composition I | 3 |
| Elective | Any Oral Communication designated course | 3 |
| Elective | Any Quantitative Reasoning designated course | 3/4 |
| Elective | Any Diversity and Social Justice designated course (recommend SOC110) | 3 |
| Elective | Open Elective | 3 |
| Semester Total | | 15/16 |
| Second Semester | | Credits |
| ENG112 | English Composition II: Writing About Literature | 3 |
| Elective | Any Global Understanding designated course (recommend ECO210 or ECO220) | 3 |
| Elective | Any Scientific Inquiry designated science course | 4 |
| Elective | Any Technology designated course | 3 |
| Elective | Open Elective (recommend HIS110 or HIS120) | 3 |
| Semester Total | | 16 |
| Third Semester | | Credits |
| Elective | Electives designed to complete an Area of Concentration | 15 |
| Semester Total | | 14/16 |
| Fourth Semester | | Credits |
| Elective | Electives designed to complete an Area of Concentration | 15/18 |
| Semester Total | | 15/16 |

Delaware County Community College Global Studies A.A. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership, Supply Chain Management, Project Management, or Business Analytics

| First Semester | | Credits |
|---------------------------------------|--|---------|
| ENG100 | English Composition I | 3 |
| COMM100 | Interpersonal Communication | 3 |
| HIS150 | World Civilizations I | 3 |
| DPR100 or | Management Information Systems or | 3 |
| DPR101 MAT120 or | Modern College Methematics or | |
| MAT120 of MAT121 or | Modern College Mathematics or Introduction to Probability and Statistics or | |
| MAT121 of MAT135 or | Business Precalculus or | |
| MAT151 or | College Algebra or | 3/4 |
| MAT151 or MAT152 or | Precalculus or | |
| MAT160 | Calculus I | |
| Semester Total | Curcuius I | 15/16 |
| | | |
| Second Semester | | Credits |
| ENG112 | English Composition II: Writing About Literature | 3 |
| HIS160 | World Civilizations II | 3 |
| POL200 | World Affairs | 3 |
| SOC110 or | Introduction to Sociology or | 3 |
| PSY140 | General Psychology | 3 |
| Elective | Any transferable Scientific Inquiry designated science course | 4 |
| Semester Total | | 13 |
| Third Semester | | Credits |
| COMM102 | Communication Across Cultures | 3 |
| ECO210 | Macroeconomic Principles | 3 |
| HUM160 | Introduction to World Religions | 3 |
| SOC215/ | <u> </u> | |
| PSY215 | Experiences in Diversity | 3 |
| Elective | Foreign Language | 3 |
| Semester Total | | 15 |
| 7 | | ~ |
| Fourth Semester | | Credits |
| ART111 | Art from the Renaissance through Contemporary Times | 3 |
| BUS101 | Introduction to International Business | 3 |
| Elective | Foreign Language | 3 |
| · · · · · · · · · · · · · · · · · · · | | - |
| Elective | Open Electives | 6 |

Delaware County Community College Health Care Management A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership, Supply Chain Management, Project Management, or Business Analytics

| First Semester | , , , , , , , , , , , , , , , , , , , | Credits |
|-----------------------|---|---------|
| ENG100 | English Composition I | 3 |
| CS100 | Introduction to Information Technology | 3 |
| AHM102 | Introduction to Health Care | 3 |
| AHA207 | Ethical/Legal Aspects of Health Care Management | 3 |
| BUS100 | Introduction to Business | 3 |
| Semester Total | | 15 |
| Second Semester | | Credits |
| ENG112 | English Composition II: Writing About Literature | 3 |
| AHM233 | Medical Terminology | 3 |
| ECO220 | Microeconomic Principles | 3 |
| Elective | Any Diversity and Social Justice designated course (recommend SOC110) | 3 |
| MAT120 or Higher | Modern College Mathematics or Any higher Quantitative Reasoning designated MAT course | 3 |
| Semester Total | | 15 |
| Third Semester | | Credits |
| AHA209 | Philosophy of Managed Care | 3 |
| AHM130 | Medical Coding Concepts for Allied Health | 3 |
| BUS215 | Human Resource Management | 3 |
| BUS130 or COMM 100 | Business Communication or Interpersonal Communication | 3 |
| Elective | Any Scientific Inquiry designated Science course | 4 |
| Semester Total | | 16 |
| Fourth Semester | | Credits |
| AHA206 | Reimbursement and Financing in Managed Care | 3 |
| AHM202 | Fundamentals of Health Information Technology Science | 3 |
| AHM140 | Professional and Communication Issues in Health Care | 3 |
| BUS210 | Principles of Management | 3 |
| Til | A 11' - 4 II14' /D' | 3 |
| Elective | Allied Health/Business Elective | 3 |

Delaware County Community College Hotel and Restaurant Management A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership, Supply Chain Management, Project Management, Business Analytics

| First Semester | | Credit |
|-----------------------|---|----------|
| ENG100 | English Composition I | |
| HRM100 | Introduction to Hospitality | |
| HRM110 | Food Sanitation and Safety Supervision | |
| BUS104 or | Mathematics for Business or | |
| MAT135 | Business Precalculus | |
| CS100 or | Introduction to Information Technology or | |
| CS101 | Introduction to Computer Science | |
| Semester Total | | 1 |
| Second Semester | | Credit |
| ENG112 | English Composition II: Writing About Literature | |
| HRM155 | Managing Lodging Operations | , |
| HRM162 | Laws of Innkeepers | , |
| ACC100 or | Applied Accounting or | |
| ACC111 | Financial Accounting | |
| Elective | Any Diversity and Social Justice and Global Understanding | |
| Elective | designated Social Science course (recommend SOC110) | |
| Semester Total | | 1 |
| Third Semester | | Credit |
| HRM253 | Restaurant Management | • |
| BUS130 | Business Communication | <u> </u> |
| HRM255 or | Beverage Management or | , |
| HRM140 | Tourism: Principles, Practices, Philosophies | |
| HRM145 or | Sales and Marketing in Hospitality or | |
| BUS 230 | Principles of Marketing | • |
| Elective | Any Scientific Inquiry designated Science course | • |
| Semester Total | | 10 |
| Fourth Semester | | Credits |
| HRM254 | Catering & Event Planning | 3 |
| HRM165 or | Managing Hospitality Human Resources or | 2 |
| BUS215 | Human Resource Management | 3 |
| Elective | Open Elective (recommend ECO210 or ECO220) | 3 |
| Elective | Humanities Elective | 3 |
| HRM199 or | Hotel and Restaurant Management Internship CSEL or | 2 |
| | HRM Elective | 3 |
| HRM Elec. | HRW Elective | |

Delaware County Community College Information Technology, Computer Programming A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Information Systems Management

| First Semester | | Credits |
|----------------------------------|--|--------------|
| CS100 | Introduction to Information Technology | 3 |
| NET110 | Network Communications | 3 |
| CS101 | Introduction to Computer Science | 3 |
| ENG100 | English Composition I | 3 |
| MAT135 or MAT151 or MAT160 | Business Precalculus or College Algebra or Calculus I | 3/4 |
| Semester Total | | 15/16 |
| Second Semester CS110 | Introduction to C++ | Credits 3 |
| IMM120 | Web Page Design and Development | 3 |
| CS104 | | |
| | Introduction to Java Programming | 3 |
| ENG112 | English Composition II: Writing About Literature | 3 |
| Elective Semester Total | Mathematics Elective | 3/4 15/16 |
| Semester Total | | 15/10 |
| Third Semester | | Credits |
| CS210 | Object Oriented C++ | 3 |
| CS204 | Intermediate Java Programming | 3 |
| Elective | Any transferable Oral Communication (OC) designated course | 3 |
| Elective | Any transferable Diversity and Social Justice (DJ) and Global Understanding (GU) designated Social Science course (recommend SOC110) | 3 |
| Elective | CS/IMM/NET Course - select only one | 3 |
| Semester Total | | 15 |
| Fourth Semester | | Credits |
| CS212 | Data Structures and Algorithms | 4 |
| Elective | Any transferable Scientific Inquiry (SI) designated Science Elective with a Lab course | 4 |
| Elective | Humanities Elective (recommend HIS110 or HIS120) | 3 |
| Elective | CS/IMM/NET course - select two | 6 |
| Semester Total | | 17 |

Delaware County Community College Information Technology, Game Development A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Information Systems Management

| T'4 C4 | | |
|-----------------|--|---------|
| First Semester | | Credits |
| CS100 | Introduction to Information Technology | 3 |
| CS117 | Fundamentals of Game Design Theory and Practice | 3 |
| CS101 | Introduction to Computer Science | 3 |
| ENG100 | English Composition I | 3 |
| MAT120 or | Modern College Mathematics or | |
| MAT121 or | Introduction to Probability and Statistics or | |
| MAT135 or | Business Precalculus or | 3/4 |
| MAT151 or | College Algebra or | |
| MAT160 | Calculus I | |
| Semester Total | | 15/16 |
| Second Semester | | Credits |
| IMM120 | Web Page Design and Development | 3 |
| CS118 | Game Creation Development | 3 |
| ENG112 | English Composition II: Writing About Literature | 3 |
| CS104 or | Introduction to Java Programming or | |
| CS110 | Introduction to C++ | 3 |
| Elective | Mathematics Elective | 3/ |
| Semester Total | | 15/16 |
| Third Semester | | Credits |
| CS119 | Introduction to Computer Game Programming | 3 |
| NET110 | Network Communications | 3 |
| IMM201 | Audio and Video for Multimedia | 3 |
| CS121 or | Game Art and Animation or | |
| IMM110 | Multimedia Graphics & Design | 3 |
| CS204 or | Intermediate Java Programming or | |
| CS210 | Object Oriented C++ | 3 |
| Semester Total | Object Offened CTT | 15 |
| Equath Compaton | | Cuadita |
| Fourth Semester | | Credits |
| CS250 | Digital Portfolio Development | 3 |
| Elective | Any transferable Scientific Inquiry (SI) designated Science course | |
| Elective | Humanities Elective (recommend HIS110 or HIS120) | 3 |
| Elective | Any transferable Oral Communication (OC) designated course | 3 |
| | Any transferable Diversity and Social Justice (DJ) and Global | |
| Elective | Understanding (GU) designated Social Science course (recommend SOC110) | 3 |

Delaware County Community College Information Technology, Help Desk/Technical Support A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Information Systems Management

| First Semester | | Credits |
|--|---|---------|
| ENG100 | English Composition I | 3 |
| CS100 | Introduction to Information Technology | 3 |
| NET110 | Network Communications | 3 |
| MAT120 or MAT121 or MAT135 or MAT151 or | Modern College Mathematics or Introduction to Probability and Statistics or Business Precalculus or College Algebra or | 3/4 |
| MAT151 or MAT152 or MAT160 | College Algebra or Precalculus or Calculus I | |
| Elective | Social Science/Humanities Elective: Any transferable Diversity and Social Justice (DJ) and Global Understanding (GU) designated social science or humanities course | 3 |
| Semester Total | | 15/16 |
| Second Semester | | Credits |
| CS105 | Management Information Systems | 3 |
| CS127 | Introduction to PC Support | 3 |
| CS128 | PC Repair and Maintenance | 3 |
| COMM100 or COMM 111 | Interpersonal Communication or Public Speaking | 3 |
| Elective | Mathematics Elective | 3/4 |
| Semester Total | | 15/16 |
| Third Semester | | Credits |
| IMM120 | Web Page Design and Development | 3 |
| NET116 | Microsoft Server 2016: Installation and Storage | 4 |
| Elective | Select one CS/IMM/NET course | 3/4 |
| NET230 | Network Operating Systems Concepts | 4 |
| Semester Total | | 14/15 |
| Fourth Semester | | Credits |
| CS111 | Computer Applications | 3 |
| CS113 | Database Management Systems | 3 |
| Elective | Science Elective: Any transferable Scientific Inquiry (SI) designated science course | 4 |
| Elective | Program Electives | 6/8 |
| Semester Total | | 16/18 |

Delaware County Community College Information Technology, Interactive Multimedia A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Information Systems Management

| First Semester | | Credits |
|-----------------------|--|---------|
| CS100 | Introduction to Information Technology | 3 |
| IMM200 | UX Design | 3 |
| CS101 | Introduction to Computer Science | 3 |
| ENG100 | English Composition I | 3 |
| MAT120 or | Modern College Mathematics or | |
| MAT121 or | Introduction to Probability and Statistics or | |
| MAT135 or | Business Precalculus or | 3/4 |
| MAT151 or | College Algebra or | |
| MAT160 | Calculus I | |
| Semester Total | | 15/16 |
| Second Semester | | Credits |
| ENG112 | English Composition II: Writing About Literature | 3 |
| IMM110 | Multimedia Graphics & Design | 3 |
| NET110 | Network Communications | 3 |
| CS110 or | Introduction to C++ or | 2 |
| CS104 | Introduction to Java Programming | 3 |
| Elective | Mathematics Elective | 3/4 |
| Semester Total | | 15/16 |
| Third Semester | | Credits |
| IMM120 | Web Page Design and Development | 3 |
| IMM201 | Audio and Video for Multimedia | 3 |
| CS210 or | Object Oriented C++ or | 2 |
| CS204 | Intermediate Java Programming | 3 |
| Elective | Any transferable Diversity and Social Justice (DJ) and Global Understanding (GU) designated course (recommend SOC110) | 3 |
| Elective | Any transferable Oral Communication (OC) designated course | 3 |
| Semester Total | | 14 |
| Fourth Semester | | Credits |
| CS241 | Mobile Web Development | 3 |
| CS250 | Digital Portfolio Development | 3 |
| Elective | CS course | 3 |
| Licetive | Any transferable Scientific Inquiry (SI) designated science course | |
| Flective | | |
| Elective Elective | Humanities Elective (recommend HIS110 or HIS120) | 3 |

Delaware County Community College Information Technology, Network Engineering A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Information Systems Management

| | $\boldsymbol{\mathcal{E}}$ | |
|---|--|---------|
| First Semester | | Credits |
| ENG100 | English Composition I | 3 |
| CS100 | Introduction to Information Technology | 3 |
| NET110 | Network Communications | 3 |
| NET115 | Microsoft Windows 10 | 3 |
| Elective | Social Science Elective (Select any transferable Diversity and Social Justice (DJ) and Global Understanding (GU) designated social science course) | 3 |
| Semester Total | | 15/16 |
| Second Semester | | Credits |
| CS127 | Introduction to PC Support | 3 |
| CS128 | PC Repair and Maintenance | 3 |
| NET230 | Network Operating Systems Concepts | 4 |
| COMM100 or COMM111 | Interpersonal Communication or Public Speaking | 3 |
| MAT120 or MAT121 or MAT135 or | Modern College Mathematics or Introduction to Probability and Statistics or Business Precalculus or | |
| MAT153 or MAT151 or MAT152 or MAT160 | College Algebra or Precalculus or Calculus I | 3/4 |
| Semester Total | | 16/17 |
| Third Semester | | Credits |
| IMM120 | Web Page Design and Development | 3 |
| NET116 | Microsoft Server 2016: Installation and Storage | 4 |
| NET231 | Network Systems Administration | 4 |
| Elective | Science Elective (Select any transferable Scientific Inquiry (SI) designated science course) | 4 |
| Semester Total | | 15 |
| Fourth Semester | | Credits |
| NET117 | Microsoft Server: Networking | 4 |
| NET210 | CCNA CISCO Network Support | 6 |
| NET142 | Cyber and Network Security Concepts | 4 |
| Elective | Mathematics Elective | 3/4 |
| | | |

Delaware County Community College Information Technology, Web Development A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Information Systems Management

| First Semester | · | Credits |
|---|--|---------|
| ENG100 | English Composition I | 3 |
| CS100 | Introduction to Information Technology | 3 |
| CS101 | Introduction to Computer Science | 3 |
| MAT120 or MAT121 or MAT135 or MAT151 | Modern College Mathematics or Introduction to Probability and Statistics or Business Precalculus or College Algebra | 3/4 |
| Elective | Any Diversity and Social Justice and Global Understanding designated course (recommend SOC110) | 3 |
| Semester Total | | 15/16 |
| Second Semester | | Credits |
| ENG112 | English Composition II: Writing About Literature | 3 |
| IMM120 | Web Page Design and Development | 3 |
| IMM110 | Multimedia Graphics & Design | 3 |
| MAT120 or MAT121 or MAT136 or MAT152 | Modern College Mathematics or Introduction to Probability and Statistics or Business Calculus or Precalculus | 3/4 |
| Elective | Any Scientific Inquiry (SI) designated Science course | 4 |
| Semester Total | | 16/17 |
| Third Semester | | Credits |
| CS207 | Intro to Oracle:SQL | 4 |
| CS241 | Mobile Web Development | 3 |
| NET110 | Network Communications | 3 |
| CS141 | UNIX Operating Systems | 3 |
| CS214 | jQuery/JavaScript | 3 |
| Semester Total | | 16 |
| Fourth Semester | | Credits |
| NET230 | Network Operating Systems Concepts | 4 |
| CS206 | PHP/MySQL | 3 |
| IMM200 | UX Design | 3 |
| | A 0 10 11 1 1 1 | 3 |
| Elective | Any Oral Communication designated course | 3 |

Delaware County Community College Interactive Computing (Front –End Developer) A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Information Systems Management

| First Semester | | Credits |
|------------------------|---|-----------|
| CS100 | Introduction to Information Technology | 3 |
| CS101 or | Introduction to Computer Science or | 3 |
| CS102 | Introduction to Python | |
| ENG100 | English Composition I | 3 |
| Elective | Any Oral Communications (OC) designated course | 3 |
| Elective | Any Quantitative Reasoning (QR) designated MAT course | 3/4 |
| Semester Total | | 15/16 |
| Second Semester | | Credits |
| CS104 | Introduction to Java Programming | 3 |
| ENG112 | English Composition II: Writing about Literature | 3 |
| IMM110 | Multimedia Graphics & Design | 3 |
| IMM120 | Web Page Design and Development | 3 |
| Elective | Mathematics Elective | 3/4 |
| Semester Total | | 15/16 |
| Third Semester | | Credits |
| CS200 | UX Design | 3 |
| NET110 | Network Communications | 3 |
| Elective | Any Scientific Inquiry (SI) designated course | 4 |
| CS130 | Introduction to Unity 3D | 3 |
| IMM201 | Audio and Video for Multimedia | 3 |
| Semester Total | | 16 |
| | | |
| Fourth Semester | | Credits |
| Fourth Semester CS250 | Digital Portfolio Development | Credits 3 |
| | Digital Portfolio Development Any Diversity and Social Justice and Global Understanding designated course (recommend SOC110) | |
| CS250 | Any Diversity and Social Justice and Global Understanding | 3 |
| CS250 Elective | Any Diversity and Social Justice and Global Understanding designated course (recommend SOC110) | 3 |
| CS250 Elective CS214 | Any Diversity and Social Justice and Global Understanding designated course (recommend SOC110) jQuery/JavaScript | 3 3 3 |

Delaware County Community College Interactive Computing (Back –End Developer) A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Information Systems Management

| First Semester | | Credits |
|-----------------|---|---------|
| CS100 | Introduction to Information Technology | 3 |
| CS101 or | Introduction to Computer Science or | 3 |
| CS102 | Introduction to Python | |
| ENG100 | English Composition I | 3 |
| Elective | Any Oral Communications (OC) designated course | 3 |
| Elective | Any Quantitative Reasoning (QR) designated MAT course | 3/4 |
| Semester Total | | 15/16 |
| Second Semester | | Credits |
| CS104 | Introduction to Java Programming | 3 |
| ENG112 | English Composition II: Writing about Literature | 3 |
| IMM110 | Multimedia Graphics & Design | 3 |
| IMM120 | Web Page Design and Development | 3 |
| Elective | Mathematics Elective | 3/4 |
| Semester Total | | 15/16 |
| Third Semester | | Credits |
| CS200 | UX Design | 3 |
| NET110 | Network Communications | 3 |
| Elective | Any Scientific Inquiry (SI) designated course | 4 |
| CS207 | Intro to Oracle: SQL | 3 |
| CS204 or | Intermediate Java Programming or | |
| CS214 or | jQuery/JavaScript or | 3 |
| CS240 | Responsive Web Design | _ |
| Semester Total | | 16 |
| Fourth Semester | | Credits |
| CS250 | Digital Portfolio Development | 3 |
| Elective | Any Diversity and Social Justice and Global Understanding | 2 |
| Elective | designated course (recommend SOC110) | 3 |
| CS206 | PHP/MySQL | 3 |
| CS204 & | Intermediate Java Programming | |
| CS214 &/or | jQuery/JavaScript and/or | 3 |
| CS241 | Mobile Web Development | |
| Semester Total | | 15 |

Delaware County Community College Interactive Computing (Immersive Media or Game Designer Developer) A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Information Systems Management

| First Semester | | Credits |
|------------------------|--|----------|
| CS100 | Introduction to Information Technology | 3 |
| CS101 or | Introduction to Computer Science or | 3 |
| CS102 | Introduction to Python | 3 |
| ENG100 | English Composition I | 3 |
| Elective | Any Oral Communications (OC) designated course | 3 |
| Elective | Any Quantitative Reasoning (QR) designated MAT course | 3/4 |
| Semester Total | | 15/16 |
| Second Semester | | Credits |
| CS104 | Introduction to Java Programming | 3 |
| ENG112 | English Composition II: Writing about Literature | 3 |
| IMM110 | Multimedia Graphics & Design | 3 |
| IMM120 | Web Page Design and Development | 3 |
| Elective | Mathematics Elective | 3/4 |
| Semester Total | | 15/16 |
| Third Compaton | | Cuadita |
| Third Semester | | Credits |
| CS200 | UX Design | 3 |
| NET110 | Network Communications | 3 |
| Elective | Any Scientific Inquiry (SI) designated course | 4 |
| IMM201 | Audio and Video for Multimedia | 3 |
| CS117 or | Fundamentals of Game Design Theory and Practice or | 3 |
| CS130 | Introduction to Unity 3D | <u> </u> |
| Semester Total | | 16 |
| Fourth Semester | | Credits |
| CS250 | Digital Portfolio Development | 3 |
| Elective | Any Diversity and Social Justice and Global Understanding | 3 |
| Elective | designated course (recommend SOC110) | 3 |
| CS118 or | Game Creation Development or | 3 |
| CS131 | Virtual Asset Production | |
| CS132 | C# Programing for Interactivity or | 3 |
| CS119 | Introduction to Computer Game Programming | |
| CS106 or CS133 | Art and Animation or Augmented, Mixed and Virtual Reality: XR Fundamentals | 3 |
| | AUPHICHICU, IVIIXCU AHU VIIIUAI NEAHIV. AN FUNGAMENTAIS | |

Delaware County Community College Medical Assistant A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership

| First Semester | | Credits |
|------------------------|--|---------|
| AHM102 | Introduction to Health Care | 3 |
| AHM104 | Body Structure & Function I (recommend BIO150) | 3 |
| AHM105 | Body Structure & Function II (recommend BIO151) | 3 |
| AHM233 | Medical Terminology | 3 |
| ENG100 | English Composition I | 3 |
| Semester Total | | 15 |
| Second Semester | | Credits |
| AHM106 | Medical Assistant Clinical I | 4 |
| AHM140 | Professional & Communication Issues in Health Care | 3 |
| AHM208 | Pathophysiology and Pharmacology | 4 |
| CS100 | Introduction to Information Technology | 3 |
| Semester Total | | 14 |
| Third Semester | | Credits |
| AHM107 | Medical Assistant Clinical II | 4 |
| AHM130 | Medical Coding Concepts for Allied Health | 3 |
| _ | | 3 |
| AHM185 | Medical Office Management | |
| AHM220 | Applied Microbiology | 1 |
| Semester Total | | 12 |
| Fourth Semester | | Credits |
| AHM199 | Medical Assistant Externship | 4 |
| Semester Total | | 4 |
| Fifth Semester | | Credits |
| AHA207 | Ethical/Legal Aspects of Health Care Management | 3 |
| COMM100 or | Interpersonal Communication or | |
| COMM111 or | Public Speaking or | 3 |
| BUS130 | Business Communication | |
| MAT120 or | Modern College Mathematics or | 3 |
| MAT121 PSY140 | Introduction to Probability and Statistics General Psychology | 3 |
| | General Psychology Introduction to Sociology | 3 |
| SOC110 | Introduction to Sociology | |
| Semester Total | | 15 |

Delaware County Community College Nursing A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership,

| Prerequisites | | Credits |
|-----------------|--|---------|
| MAT121 | Introduction to Probability and Statistics | 3 |
| ENG100 | English Composition I | 3 |
| PSY140 | General Psychology | 3 |
| BIO150 | Human Anatomy and Physiology I | 4 |
| NUS102 | Nursing Mathematics: Dosage Calculation and Drug Preparation | 1 |
| Semester Total | | 14 |
| First Semester | | Credits |
| NUS110 | Concepts and Practice I | 8 |
| BIO151 | Human Anatomy and Physiology II | 4 |
| PSY210 | Lifespan Human Development | 3 |
| Semester Total | | 15 |
| Second Semester | | Credits |
| NUS111 | Concepts and Practice II | 10 |
| NUS221 | Pharmacology for Health Care | 3 |
| Elective | Open Elective | 3 |
| Semester Total | | 16 |
| Third Semester | | Credits |
| NUS210 | Concepts and Practice III | 10 |
| Elective | Any Oral Communication designated Communication course | 3 |
| Semester Total | | 13 |
| Fourth Semester | | Credits |
| NUS211 | Concepts and Practice IV | 10 |
| SOC110 | Introduction to Sociology | 3 |
| Semester Total | | 13 |

Delaware County Community College Paralegal Studies A.A.S. to Muhlenberg College School of Continuing Studies Accelerated Bachelor of Business Administration

Concentrations available in Business Administration, Healthcare Management, Human Resources Leadership, Supply Chain Management, or Project Management

| First Semester | | Credits |
|---------------------|--|---------|
| ENG100 | English Composition I | 3 |
| PLG100 | Introduction to the Paralegal Profession | 3 |
| PLG110 | Legal Research and Writing I | 3 |
| PLG130 | Technology in the Law | 3 |
| Elective | Mathematics Elective: Any Quantitative Reasoning designated MAT course | 3 |
| Semester Total | | 15 |
| Second Semester | | Credits |
| COMM100 | Interpersonal Communication | 3 |
| PLG120 | Legal Research and Writing II | 3 |
| PLG140 | Contract Law | 3 |
| PLG240 | Criminal Law and Procedure | 3 |
| Elective | Philosophy Elective: Any Global Understanding designated PHI course | 3 |
| Semester Total | | 15 |
| Third Semester | | Credits |
| ACC100 or ACC111 | Applied Accounting or Financial Accounting (ACC111 recommended) | 3 |
| ENG112 | English Composition II: Writing About Literature | 3 |
| PLG220 | Real Estate Law | 3 |
| PLG210 | Civil Litigation and Tort Principles | 3 |
| Elective | Science Elective: Any Scientific Inquiry designated Science cours | se 4 |
| Semester Total | | 16 |
| Fourth Semester | | Credits |
| PLG211 | Civil Litigation and Tort Applications | 3 |
| PLG199 or | Paralegal Experience and Legal Ethics or | 3/4 |
| PLG197 | Paralegal Practicum and Legal Ethics | 3/4 |
| Elective | Two PLG Electives | 6 |
| Elective | Social Science/Humanities Elective: Any Diversity and Social Justice designated Social Science or Humanities course (recommend SOC110) | 3 |
| Semester Total | | 15/16 |

| For information on transferring other majors available at Delaware County |
|---|
| Community College please meet with a Muhlenberg College School of |
| Continuing Studies advisor as early as possible in your DCCC program. |
| Please contact the School of Continuing Studies Division at (484) 664- |
| 3300 or continuingstudies@muhlenberg.edu to schedule an advising |
| appointment. |