MUHLENBERG COLLEGE

Program-to-Program
Transfer Agreement

Information for DCCC Students Transferring to
Muhlenberg College
Division of Graduate and Continuing Education

The information in this booklet is meant
to be used a guide.
The transfer institution reserves the
right to make changes at any time.

Delaware County Community College
Transfer Office
11/2022

ARTICULATION AND CORE TO CORE TRANSFER AGREEMENT
BETWEEN
DELAWARE COUNTY COMMUNITY COLLEGE
AND
MUHLENBERG COLLEGE SCHOOL OF CONTINUING STUDIES
ACCELERATED DEGREE PROGRAM

Preface

Delaware County Community College (DCCC) and Muhlenberg College School of Continuing Studies (hereafter referred to simply as SCS) enter into these Program-to-Program agreements for DCCC students planning to transfer to the SCS's Accelerated Degree Programs. Interested candidates for transfer from DCCC to the SCS Accelerated Degree Program must be a graduate of DCCC with an Associate in Arts (A.A.) Degree, Associate in Science (A.S.) Degree or Associate in Applied Science (A.A.S.) Degree in a major aligned with one of the SCS's Accelerated Degree Programs and complete an Intent to Enroll form with a DCCC Transfer Advisor to formally express interest in entering one of the cooperative Accelerated Degree Programs.

Qualified applicants should:
- ideally have earned a 2.75 GPA or above at DCCC, although applications will be considered on a case-by-case basis.
- ideally have at least five years of relevant work experience.
- possess strong oral and written communication skills.
- have the necessary desire, time and motivation to complete the degree program.
- be familiar with current business software (Microsoft Word, Excel, and PowerPoint).

Attached to this document are the specific pairings of DCCC and the SCS degree programs/concentrations that will be covered under this agreement (additional pairings may be identified in the future and addressed via an addendum to this agreement).

A DCCC student admitted with an earned associate degree in one of the designated curriculums will be able to complete a bachelor's degree in a parallel program at the SCS within 22 months.

In addition, the SCS agrees to accept the general education embedded in the DCCC A.A., A.S., and A.A.S. degrees as meeting all the requirements of its undergraduate general education requirements, provided that students choose their electives in accordance with the courses specified on the Program-to-Program Transfer Guides.

This Articulation Agreement becomes effective on the date each party signs below.

To facilitate the transfer of DCCC graduates to the SCS in accordance with the foregoing guarantee, the parties agree to the following:

Obligations of the SCS

1. Hold on-campus College visits and Virtual Information Sessions during the fall and spring semesters at DCCC.

2. Invite DCCC students who have completed an Intent to Enroll form to an informational/advising meeting(s) with the SCS faculty and staff in order to facilitate smooth curricular and co-curricular integration to the SCS.

3. Students should confirm their intention to matriculate with the SCS by May 1 for October start dates, September 1 for February start dates, and by February 1 for June start dates. Students should meet with a SCS academic advisor to discuss all SCS application requirements. Students declaring their interest after the dates above will be considered for admission on a space-available basis.

4. Send, within 30 days of completion of the Accelerated Degree Program application process, a SCS letter of admission to all DCCC students who meet the conditions set forth in the Preface.

5. DCCC students who complete a Intent to Enroll form will be governed by the SCS degree requirements in effect at the time of signing the Intent to Enroll form.

6. Waive the application fee for students who apply to the SCS pursuant to this Agreement.

7. Support and accept a Program-to-Program transfer agreement that allows the DCCC general education core for the A.A., A.A.S. or A.S. degree to meet the SCS core requirements.

8. All courses for which a C- or above was earned in a DCCC degree program will be eligible for transfer to the SCS.

9. DCCC graduates entering the SCS under the terms of this agreement will go through the SCS's transfer process and therefore must meet all applicable SCS requirements and deadlines pertaining to orientation and registration, and payment of tuition and fees. They will abide by the policies and procedures, and any revisions thereof that apply to all SCS students.

10. Ensure that DCCC transfer students who matriculate at the SCS have all of the rights and privileges of other SCS students.

11. Students who enroll as a full time Accelerated Degree Program student at the SCS will be eligible for the following scholarships:

   • Students who are admitted under a Program-to-Program guide covered by this document, transfer an associate degree from DCCC, maintain good academic standing and adhere to all program requirements as outlined in the SCS's Accelerated Degree Student Requirements contract--see Appendix A--will be eligible to receive **$1,500** per academic year.

   • Students who are admitted to the SCS under this agreement as current members of Phi Theta Kappa at DCCC at their time of transfer (student will provide documentation of membership) will be eligible to receive an additional **$500** per academic year. The eligible student must maintain a cumulative GPA of at least 3.5 in the Accelerated Program to receive the scholarship in subsequent year of enrollment.

Students may also be eligible for need-based financial aid and other types of financial assistance. Students will be provided with the SCS financial aid information and receive full consideration for SCS financial aid, in addition to the scholarships listed above, upon matriculation at the SCS.

Obligations of Delaware County Community College:
Publicize this Agreement to prospective and current DCCC students in its promotional literature and make arrangements for the SCS recruiters and advisors to visit DCCC and meet with all students.

Joint Obligations:

1. Consult with each other through appropriate channels prior to implementing major changes in policy or curricula that directly affect students transferring under the terms of this Agreement and keep each other informed of any other changes of policy or curricula that affect those students. Both the SCS and DCCC will review this Agreement annually and make any changes upon mutual agreement, as needed. Such changes will become effective when both DCCC and the SCS sign the revised document.

2. Collaborate in providing students with information and academic advising about this agreement, the SCS academic requirements, and the process of transferring to the SCS.

3. DCCC and the SCS jointly agree to develop and implement advertising and promotional efforts to communicate the benefits of this transfer agreement along with the Program-to-Program transfer guides.

4. Each institution will designate a representative or representatives who will coordinate the transfer agreements between the two institutions.

5. Exchange data and documents annually that will contribute to the maintenance and improvement of this transfer agreement, enhance the transfer process, and promote effective cooperation between institutions. These will consist of data about individual transfer students, including admissions information and grades, retention information, and reports on the results of program reviews, assessments of student learning, and decisions of curricular and other committees. The institution(s) will exchange data after obtaining appropriate permission from the students as indicated on the Intent to Enroll form.

6. Facilitate and support consultation and collaboration between their faculties related to this agreement, general education, degree requirements, and other academic matters, including the development of other pairings of academically compatible programs to be added to this agreement. Future pairings will be addressed in this agreement via an addendum, subject to approval by both schools.

7. To promote the agreement between the SCS and DCCC on the respective schools' websites.

Revision, Renewal and Termination of this Agreement
The SCS administration and the appropriate offices at DCCC are responsible for identifying and communicating to each other changes in the policies or requirements of their respective institutions that affect this Agreement.

This Agreement will be in effect as of the date of its signing. It will be reviewed annually by the appropriate parties at each institution and will be renewed automatically until superseded by a new Agreement or formally terminated. Either institution may terminate this Agreement at any time by written notice at least one year in advance of the effective date of termination. Should this Agreement be terminated, it is understood that the termination will not apply to students already accepted to the SCS under the terms of this Agreement.

The willingness of both institutions to enter this Agreement in order to facilitate the transfer of students from Delaware County Community College into the SCS, and to expand their opportunities for academic success there, is indicated by the following signatures.

The undersigned representatives of the parties, Delaware County Community College and the SCS of Muhlenberg College, have executed this Agreement on the dates indicated:

Signatures on File in the Transfer Office

Accelerated Degree Student Requirements Contract

1. Attend all classes. Modules are five weeks long; classes meet one night per week from 6:00 – 10:00 p.m. The first and fifth class meetings of every module will be held in-person on campus; the second, third, and fourth class meetings will be held online via Zoom.

2. If you must be absent from a scheduled class, you must contact the instructor prior to the class. Students who miss four classes meetings throughout the 22 months of the program will be required to meet with the Associate Dean of Accelerated Programs. Subsequent absences may result in dismissal from the program.

3. Attend all team meetings. One in-person or online team meeting of at least four hours per week is mandatory in order to satisfy academic requirements. Team meetings should be conducted in an environment that is conducive to learning and free from distractions.

4. Due to the collaborative nature of this program, students are strongly encouraged to be physically present with their cameras turned on during all online class and team meetings.

5. Be committed to using consensus and mediation to resolve any team problems, conflicts or differences that may arise. Seek guidance from your cohort mentor if your team experiences unresolved or recurring issues.

6. Tuition and fees are due prior to the first class meeting each semester. Students who fail to keep their financial accounts current may be removed from the program.

   a. Students using an employer tuition remission plan must submit an Application for Tuition Deferment at the beginning of every semester.
   b. Students who apply for financial aid must contact the Office of Financial Aid to ensure the timely submission of application materials and must sign and submit a Tuition Payment Form indicating the intention to utilize financial aid.

7. Each student will receive an iPad, which is yours to keep, to manage eBooks and other course materials. The cost of each device (and two years of AppleCare) is included in your tuition and will be prorated over the 16 modules of the program. Should a student leave the program for any reason, the student will be charged any balance remaining on the iPad at the time of disenrollment.

8. Students are expected to access and read their Muhlenberg College e-mail on a regular basis to remain current with College-related communication. Be aware that certain communication may be time critical. All instructor, mentor and advisor initiated e-mail will be directed to this e-mail address.

9. Academic honesty and integrity are responsibilities of every student in the program. Plagiarism, cheating, and unethical use of intellectual material are strictly forbidden, and students are subject to the following penalties:

   1st offense: Class grade is affected
   2nd offense: Student is dismissed from the program

10. In accordance with Section I.A of the Academic Integrity Code, all students shall write and sign the following pledge on all work submitted for a grade:

    I pledge that I have complied with the Academic Integrity Code in this work. (**or** *I pledge the AIC.*)

11. Failure of a module for any reason will result in dismissal from the program.

Muhlenberg College assumes that students will conduct themselves in a professional and responsible manner at all times. The College reserves the right to remove from the Accelerated Degree Program any student who fails to meet these requirements.

_____   _____

Student Signature   Date

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 Intent to Enroll form 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.

Delaware County Community College
Serving Delaware and Chester Counties

Muhlenberg College | **School of Continuing Studies**

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
Elective	Any Oral Communication designated course	3
Semester Total		**13**

Students are encouraged to consult with a transfer advisor when selecting courses.

Delaware County Community College Information Technology, Network Engineering 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
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 MAT151 or MAT152 or MAT160	Modern College Mathematics or Introduction to Probability and Statistics or Business Precalculus or 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
Semester Total		**17/18**

Students are encouraged to consult with a transfer advisor when selecting courses.

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 MAT121 or MAT135 or MAT151 or MAT160	Modern College Mathematics or Introduction to Probability and Statistics or Business Precalculus or College Algebra or Calculus I	3/4
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 CS104	Introduction to C++ or 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 CS204	Object Oriented C++ or 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
Elective	Any transferable Scientific Inquiry (SI) designated science course	4
Elective	Humanities Elective **(recommend HIS110 or HIS120)**	3
Semester Total		**16**

Students are encouraged to consult with a transfer advisor when selecting courses.

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 CS102	Introduction to Computer Science or 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 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 CS130	Fundamentals of Game Design Theory and Practice or Introduction to Unity 3D	3
Semester Total		**16**

Fourth Semester		Credits
CS250	Digital Portfolio Development	3
Elective	Any Diversity and Social Justice and Global Understanding designated course (**recommend SOC110**)	3
CS118 or CS131	Game Creation Development or Virtual Asset Production	3
CS132 CS119	C# Programing for Interactivity or Introduction to Computer Game Programming	3
CS121 or CS133	Game Art and Animation or Augmented, Mixed and Virtual Reality: XR Fundamentals	3
Semester Total		**15**

Students are encouraged to consult with a transfer advisor when selecting courses.

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 CS102	Introduction to Computer Science or 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 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**
CS250	Digital Portfolio Development	3
Elective	Any Diversity and Social Justice and Global Understanding designated course **(recommend SOC110)**	3
CS214	jQuery/JavaScript	3
CS241	Mobile Web Development	3
Elective	IT/CS elective	3
Semester Total		**15**

Students are encouraged to consult with a transfer advisor when selecting courses.

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 CS102	Introduction to Computer Science or 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 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 CS214 or CS241	Intermediate Java Programming or jQuery/JavaScript or Mobile Web Development	3
Semester Total		**16**

Fourth Semester		Credits
CS250	Digital Portfolio Development	3
Elective	Any Diversity and Social Justice and Global Understanding designated course **(recommend SOC110)**	3
CS206	PHP/MySQL	3
CS204 &/or CS214 &/or CS241	Intermediate Java Programming and/or jQuery/JavaScript and/or Mobile Web Development	3
Semester Total		**15**

Students are encouraged to consult with a transfer advisor when selecting courses.

Delaware County Community College Information Technology, Game Development 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
CS117	Fundamentals of Game Design Theory and Practice	3
CS101	Introduction to Computer Science	3
ENG100	English Composition I	3
MAT120 or MAT121 or MAT135 or MAT151 or MAT160	Modern College Mathematics or Introduction to Probability and Statistics or Business Precalculus or College Algebra or Calculus I	3/4
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 CS110	Introduction to Java Programming or Introduction to C++	3
Elective	Mathematics Elective	3/4
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 IMM 110	Game Art and Animation or Multimedia Graphics & Design	3
CS204 or CS210	Intermediate Java Programming or Object Oriented C++	3
Semester Total		**15**

Fourth Semester		Credits
CS250	Digital Portfolio Development	3
Elective	Any transferable Scientific Inquiry (SI) designated Science course	4
Elective	Humanities Elective **(recommend HIS110 or HIS120)**	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
Semester Total		**16/17**

Students are encouraged to consult with a transfer advisor when selecting courses.

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		Credits
CS110	Introduction to C++	3
IMM120	Web Page Design and Development	3
CS104	Introduction to Java Programming	3
ENG112	English Composition II: Writing About Literature	3
Elective	Mathematics Elective	3/4
Semester Total		**15/16**

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	DPR/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	DPR/IMM/NET course - select two	6
Semester Total		**17**

Students are encouraged to consult with a transfer advisor when selecting courses.

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 MAT152 or MAT160	Modern College Mathematics or Introduction to Probability and Statistics or Business Precalculus or College Algebra or Precalculus or Calculus I	3/4
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
CS107	Helpdesk Concepts	3
NET230	Network Operating Systems Concepts	4
Semester Total		**14**

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**

Students are encouraged to consult with a transfer advisor when selecting courses.

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**

Students are encouraged to consult with a transfer advisor when selecting courses.