



Post-Secondary Credit Agreement
(2+2+2) Program of Study
School Year: 2024-2029

Davenport University

CTE Agency: Michigan Department of Education - Office of Career and Technical Education

State-Approved CTE Program Name: **DIGITAL/MULTIMEDIA & INFORMATION RESOURCES DESIGN**

Secondary Program CIP Code Number: **11.0801**

PSN Number from CTEIS System:

Freshman - 9th grade		Sophomore - 10th grade		Junior - 11th grade		Senior - 12th grade	
1st Semester	2nd Semester	1st Semester	2nd Semester	1st Semester	2nd Semester	1st Semester	2nd Semester
English 9	English 9	English 10	English 10	English 11	English 11	English 12	English 12
Algebra I	Algebra I	Geometry	Geometry	Algebra II	Algebra II	Math Credit	Math Credit
Biology	Biology	Chemistry or Physics	Chemistry or Physics	Civics/Econ	Civics/Econ	Science Credit	Science Credit
US History/Geography	US History/Geography	World History/Geography	World History/Geography	CTE DIGITAL/MULTIMEDIA & INFORMATION RESOURCES DESIGN	CTE DIGITAL/MULTIMEDIA & INFORMATION RESOURCES DESIGN	CTE DIGITAL/MULTIMEDIA & INFORMATION RESOURCES DESIGN	CTE DIGITAL/MULTIMEDIA & INFORMATION RESOURCES DESIGN
PE/Health	PE/Health	Fine Arts/Music/Visual/Performing/and Applied Arts	Fine Arts/Music/Visual/Performing/and Applied Arts				
World Language	World Language	World Language	World Language				

Davenport University Degree: **BS, COMPUTER INFORMATION SYSTEMS PROGRAMMING SPECIALTY**

Davenport University CIP Code: **11.0701**

Grade 13				Grade 14			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACES100	Achieving Career and Education Success	CISP247	Database Design	CSCI312	Data Structures and Algorithms	BUSN210	Professional Ethics
CISP111	Requirements Planning and Development	COMM120	Presentation Techniques	GPMT287	Principles of Project Management	CISP220	Web Page Applications
CSCI231	Introduction to Programming	CSCI232 or CSCI234 or CSCI239	Object-Oriented Programming with C++ or Object-Oriented Programming with C# or Object-Oriented Programming with Java	MGMT211	Management Foundations	CISP309	Database Systems
ENGL109	Composition	ENGL110	Advanced Composition	SOSC201	Diversity in Society	MATH215 or MATH140	Calculus I or Finite Math
MATH120	College Mathematics	MATH150	Pre-calculus	TECH247	Cloud Computing	STAT220	Introduction to Statistics

Grade 15				Grade 16			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	CISP211	E-Business Foundations	CISP340	Mobile Application Development I	CISP410	Systems Integration
CISP238	Server Side Scripting I	ENGL311	Professional Writing	CISP401	Systems Analysis and Design	CSCI430	Operating Systems
DATA275	Introduction to Data Analytics	SOSC301	Globalization and World Diversity	CSCI342	Advanced Object-Oriented Programming	TECH497	College of Technology Capstone
MATH250	Discrete Structures	Open Elective		CSCI420	Distributed Architectures	Open Elective	
Choose one of the following that has not been completed:		Choose one of the following that has not been completed:		CISP490 or TECH489	Computer Information Systems Internship or Field Experience in Technology	Open Elective	
CSCI232 or CSCI234 or CSCI239	Object-Oriented Programming with C++ or Object-Oriented Programming with C# or Object-Oriented Programming with Java	CSCI232 or CSCI234 or CSCI239	Object-Oriented Programming with C++ or Object-Oriented Programming with C# or Object-Oriented Programming with Java				

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Algebra I	Algebra I	Geometry	Geometry	Algebra II	Algebra II	Math Credit	Math Credit
Biology	Biology	Chemistry or Physics	Chemistry or Physics	Civics/Econ	Civics/Econ	Science Credit	Science Credit
US History/Geography	US History/Geography	World History/Geography	World History/Geography	CTE DIGITAL/MULTIMEDIA & INFORMATION RESOURCES DESIGN		CTE DIGITAL/MULTIMEDIA & INFORMATION RESOURCES DESIGN	
PE/Health	PE/Health	Fine Arts/Music/Visual/Performing/and Applied Arts	Fine Arts/Music/Visual/Performing/and Applied Arts				
World Language	World Language	World Language	World Language				

Davenport University Degree: **BS, COMPUTER INFORMATION SYSTEMS
 WEB & MOBILE DEVELOPMENT SPECIALTY**

Davenport University CIP Code: **11.0801**

Grade 13				Grade 14			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACES100	Achieving Career and Education Success	CISP247	Database Design	CSCI312	Data Structures and Algorithms	BUSN210	Professional Ethics
CISP111	Requirements Planning and Development	COMM120	Presentation Techniques	MGMT211	Management Foundations	CISP220	Web Page Applications
CSCI231	Introduction to Programming	CSCI232 or CSCI234 or CSCI239	Object-Oriented Programming with C++ or Object-Oriented Programming with C# or Object-Oriented Programming with Java	SOSC201	Diversity in Society	CISP309	Database Systems
ENGL109	Composition	ENGL110	Advanced Composition	TECH247	Cloud Computing	MATH140 or MATH215	Finite Mathematics or Calculus I
MATH120	College Mathematics	MATH150	Pre-calculus	Open Elective		STAT220	Introduction to Statistics

Grade 15				Grade 16			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	CISP211	E-Business Foundations	CISP303	Web Development	ENGL311	Professional Writing
BITS301	Image Editing Applications	CISP310	Server Side Scripting II	CISP340	Mobile Application Development I	CISP316	Web Design
CISP238	Server Side Scripting I	DATA275	Introduction to Data Analytics	CISP401	Systems Analysis and Design	CISP341	Mobile Application Development II
GPMT287	Principles of Project Management	SOSC301	Globalization and World Diversity	CSCI342	Advanced Object-Oriented Programming	TECH497	College of Technology Capstone
MATH250	Discrete Structures	Open Elective		CISP490 or TECH489	CIS Internship or Field Experience in Technology	Open Elective	

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Algebra I	Algebra I	Geometry	Geometry	Algebra II	Algebra II	Math Credit	Math Credit
Biology	Biology	Chemistry or Physics	Chemistry or Physics	Civics/Econ	Civics/Econ	Science Credit	Science Credit
US History/Geography	US History/Geography	World History/Geography	World History/Geography	CTE DIGITAL/MULTIMEDIA & INFORMATION RESOURCES DESIGN	CTE DIGITAL/MULTIMEDIA & INFORMATION RESOURCES DESIGN	CTE DIGITAL/MULTIMEDIA & INFORMATION RESOURCES DESIGN	CTE DIGITAL/MULTIMEDIA & INFORMATION RESOURCES DESIGN
PE/Health	PE/Health	Fine Arts/Music/Visual/Performing/and Applied Arts	Fine Arts/Music/Visual/Performing/and Applied Arts				
World Language	World Language	World Language	World Language				

Davenport University Degree: **BS, TECHNOLOGY PROJECT MANAGEMENT
 COMPUTER INFORMATION SYSTEMS SPECIALTY**
 Davenport University CIP Code: **11.0501**

Grade 13				Grade 14			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACES100	Achieving Career/Education Success	BITS211	Microcomputer Applications: Spreadsheet	ACCT201	Accounting Foundations I	BUSN210	Professional Ethics
CISP111	Requirements Planning/Development	ENGL110	Advanced Composition	GPMT287	Principles of Project Management	CISP247	Database Design
COMM120	Presentation Techniques	MATH135 or MATH150	College Algebra or Pre-Calculus	IAAS221	Security Foundations	LEGL210	Business Law Foundations
ENGL109	Composition	MGMT211	Management Foundations	SOSC201	Diversity in Society	MATH140 or MATH215 or STAT322	Finite Mathematics or Calculus or Inferential Statistics
MATH120	College Mathematics	Open Elective		STAT220	Introduction to Statistics	Open Elective	

Grade 15				Grade 16			
1st Semester		2nd Semester		1st Semester		2nd Semester	
CSCI231	Introduction to Programming	CISP211	E-Business	CISP401	Systems Analysis & Design	GMP1446	Project Quality Management
ENGL311	Professional Writing	CSCI232 or CSCI234 or CSCI239	Object-Oriented Programming with C++ or Object-Oriented Programming with C# or Object Oriented Programming with Java	GPMT400	Project Financial / Risk Analysis	GPMT490	Project Management Internship
GPMT385	Project Scheduling with Agile	DATA275	Introduction to Data Analytics	MGMT375	Leadership Theory and Discovery	BUSN225 or GPMT290 or GPMT499 or SABR381 or	International Business or Project Management Internship or Cert Project Mgmt Professional (PMP)® Prep or Study Abroad or Foreign Language
MATH250	Discrete Structures	GPMT410	Global Sourcing for Projects	SOSC301	Globalization and World Diversity	TECH497	College of Technology Capstone
Open Elective		Open Elective		Open Elective		Open Elective	

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