



**Post-Secondary Credit Agreement**  
**(2+2) Program of Study**  
 School Year: 2023-2024

Davenport University

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

State-Approved CTE Program Name: **SYSTEM ADMINISTRATION/ADMINISTRATOR**

Secondary Program CIP Code Number: **11.1001**

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 SYSTEM ADMINISTRATION/ADMINISTRATOR		CTE SYSTEM ADMINISTRATION/ADMINISTRATOR	
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, NETWORK MANAGEMENT & SECURITY**  
**ADVANCED CISCO NETWORKING SPECIALTY**

Davenport University CIP Code:

**11.0901**

Grade 13				Grade 14			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACES100	Achieving Career and Education Success	COMM120	Presentation Techniques	BITS211	Microcomputer Applications: Spreadsheet	BUSN210	Professional Ethics
ENGL109	Composition	ENGL110	Advanced Composition	NETW141	MS Client and Server OS	IAAS224	Implementing Network Security
MATH120 or MATH125	College Mathematics or Intermediate Algebra	MATH135 or MATH150 or MATH215	College Algebra or Pre-Calculus or Calculus I	NETW217	UNIX Operating Systems	NETW201	PC Maintenance and Management
NETW101	PC Operating Systems	MGMT211	Management Foundations	NETW251	Cisco Enterprise Networking	NETW241	MS Implement Network Infrastructure
NETW151	Cisco Networking Fundamentals	NETW152	Cisco Routing and Switching	SOSC201	Diversity in Society	NETW253	Cisco Network Programmability

Grade 15				Grade 16			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	ENGL311	Professional Writing	NETW325 or NETW326	Wireless Networking and Security or IP Telephony	NETW412	Cisco Networking Optimize WANs
IAAS240	Cisco Cyber Operations	GPMT287	Principles of Project Management	NETW440	Network Design and Management	NETW490 or TECH489	Networking Internship or Field Experience in Technology
IAAS245	Disaster Recovery	NETW312	Cisco Network Security	SOSC301	Globalization and World Diversity	TECH497	College of Technology Capstone
NETW311	Cisco Enterprise Core Network	Science Elective		STAT220	Introduction to Statistics	Open Elective	
		Open Elective		Open Elective		Open Elective	

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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 SYSTEM ADMINISTRATION/ADMINISTRATOR		CTE SYSTEM ADMINISTRATION/ADMINISTRATOR	
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, NETWORK MANAGEMENT & SECURITY**  
**NETWORK SECURITY SPECIALTY**

Davenport University CIP Code:

**11.0901**

Grade 13				Grade 14			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACES100	Achieving Career and Education Success	COMM120	Presentation Techniques	BITS211	Microcomputer Applications: Spreadsheet	BUSN210	Professional Ethics
ENGL109	Composition	ENGL110	Advanced Composition	NETW141	MS Client and Server OS	IAAS224	Implementing Network Security
MATH120 or MATH125	College Mathematics or Intermediate Algebra	MATH135 or MATH150 or MATH215	College Algebra or Pre-Calculus or Calculus I	NETW217	UNIX Operating Systems	NETW201	PC Maintenance and Management
NETW101	PC Operating Systems	MGMT211	Management Foundations	NETW251	Cisco Enterprise Networking	NETW241	MS Implement Network Infrastructure
NETW151	Cisco Networking Fundamentals	NETW152	Cisco Routing and Switching	SOSC201	Diversity in Society	NETW253	Cisco Network Programmability

Grade 15				Grade 16			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	ENGL311	Professional Writing	IAAS481	Information Security and Assurance	IAAS482	Vulnerability and Assessment
GPMT287	Principles of Project Management	IAAS322	Network Defense/Countermeasure	NETW325 or NETW326	Wireless Networking and Security or IP Telephony	NETW490 or TECH489	Networking Internship or Field Experience in Technology
IAAS240	Cisco Cyber Operations	STAT220	Introduction to Statistics	NETW440	Network Design and Management	TECH497	College of Technology Capstone
IAAS245	Disaster Recovery	Science Elective		SOSC301	Globalization and World Diversity	Open Elective	
IAAS321	Securing the Infrastructure	Open Elective		Open Elective		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 SYSTEM ADMINISTRATION/ADMINISTRATOR		CTE SYSTEM ADMINISTRATION/ADMINISTRATOR	
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, NETWORK MANAGEMENT & SECURITY  
SERVER ADMINISTRATION SPECIALTY**

Davenport University CIP Code: **11.0901**

Grade 13				Grade 14			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACES100	Achieving Career and Education Success	COMM120	Presentation Techniques	BITS211	Microcomputer Applications: Spreadsheet	BUSN210	Professional Ethics
ENGL109	Composition	ENGL110	Advanced Composition	NETW141	MS Client and Server OS	IAAS224	Implementing Network Security
MATH120 or MATH125	College Mathematics or Intermediate Algebra	MATH115 or MATH150 or MATH125	College Algebra or Pre-Calculus or Calculus I	NETW217	UNIX Operating Systems	NETW201	PC Maintenance and Management
NETW101	PC Operating Systems	MGMT211	Management Foundations	NETW251	Cisco Scaling Networks	NETW241	MS Implement Network Infrastructure
NETW151	Cisco Networking Fundamentals	NETW152	Cisco Routing and Switching	SOSC201	Diversity in Society	NETW253	Cisco Network Programmability

Grade 15				Grade 16			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	ENGL311	Professional Writing	NETW325 or NETW326	Wireless Networking and Security or IP Telephony	NETW490 or TECH489	Networking Internship or Field Experience in Technology
GPMT287	Principles of Project Management	NETW235	UNIX/Linux Server Administration	NETW435	Virtualization	TECH497	College of Technology Capstone
IAAS240	Cisco Cyber Operations	NETW243	MS Administer SQL Server	NETW440	Network Design and Management	Open Elective	
IAAS245	Disaster Recovery	STAT220	Introduction to Statistics	SOSC301	Globalization and World Diversity	Open Elective	
NETW341	MS Plan and Implement Active Directory	Science Elective		Open Elective		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 SYSTEM ADMINISTRATION/ADMINISTRATOR		CTE SYSTEM ADMINISTRATION/ADMINISTRATOR	
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 NETWORKING SPECIALTY**

Davenport University CIP Code: **11.0901**

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	MATH1140 or MATH215 or STAT222	Finite Mathematics or Calculus or Inferential Statistics
COMM120	Presentation Techniques	MATH135 or MATH150	College Algebra or Pre-Calculus	IAAS221	Security Foundations	MGMT375	Leadership Discovery
ENGL109	Composition	MGMT211	Management Foundations	SOSC201	Diversity in Society	Major Elective	
MATH120	College Mathematics	Open Elective		STAT220	Introduction to Statistics	Open Elective	

Grade 15				Grade 16			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ENGL311	Professional Writing	DATA275	Introduction to Data Analytics	GPMT400	Project Financial / Risk Analysis	GMPT446	Project Quality Management
GPMT385	Project Scheduling with Agile	GPMT410	Global Sourcing for Projects	GPMT490	Project Management Internship	TECH497	College of Technology Capstone
LEGL210	Business Law Foundations	Major Elective		SOSC301	Globalization and World Diversity	BUSN225 or GPMT290 or GPMT499 or SABR381 or	International Business or Project Management Internship or Cert Project Mgmt Professional (PMP) <sup>®</sup> Prep or Study Abroad or Foreign Language
Major Elective		Major Elective		Major Elective		Major Elective	
Open Elective		Open Elective		Major Elective		Open Elective	

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