



Post-Secondary Credit Agreement

(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: **APPLIED HORTICULTURE & HORTICULTURAL OPERATIONS**

Secondary Program CIP Code Number: **1.0601**

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 APPLIED HORTICULTURE & HORTICULTURAL OPERATIONS		CTE APPLIED HORTICULTURE & HORTICULTURAL OPERATIONS	
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:

ABA, BUSINESS ADMINISTRATION

Davenport University CIP Code:

52.0101

Grade 13				Grade 14			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACES100	Achieving Career and Education Success	BITS211	Microcomputer Applications: Spreadsheet	ACCT201	Accounting Foundations I	BUSN303	Business Research
CISP111	Requirements Planning and Development	BUSN210	Professional Ethics	ECON200 or ECON201	Microeconomics or Macroeconomics	Electives from ACCT, BUSN, FINC, HRMG, MGMT, or MKTG (Selected Elective courses must be from two of the discipline areas listed above, with at least one course at the 300 level.)	
ENGL109	Composition	COMM120	Presentation Techniques	GPMT287	Principles of Project Management		
MATH120	College Mathematics	ENGL110	Advanced Composition	LEGL210	Business Law Foundations		
SOSC201	Diversity in Society	MGMT211	Management Foundations	MKTG211	Marketing Foundations		

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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 APPLIED HORTICULTURE & HORTICULTURAL OPERATIONS		CTE APPLIED HORTICULTURE & HORTICULTURAL OPERATIONS	
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: **BBA, BUSINESS**

Davenport University CIP Code: **52.0201**

Grade 13				Grade 14			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACES100	Achieving Career and Education Success	BITS211	Microcomputer Applications: Spreadsheet	ACCT201	Accounting Foundations I	ACCT202	Accounting Foundations II
CISP111	Requirements Planning and Development	COMM120	Presentation Techniques	BUSN210	Professional Ethics	BUSN225	International Business
ENGL109	Composition	ENGL110	Advanced Composition	GPMT287	Principles of Project Management	BUSN303	Business Research
MATH120 or MATH125	College Mathematics or Intermediate Algebra	MGMT211	Management Foundations	MKTG211	Marketing Foundations	FINC211	Corporate Finance
SOSC201	Diversity in Society	STAT220	Introduction to Statistics	Humanities Elective		LEGL210	Business Law Foundations

Grade 15				Grade 16			
1st Semester		2nd Semester		1st Semester		2nd Semester	
DATA275	Introduction to Data Analytics	ECON201	Macroeconomics	BUSN489 or MGMT490	Field Experience in Business or Management BBA Internship	BUSN495	Business Planning Capstone
ECON200	Microeconomics	MGMT357	Operations Management	MGMT413	Sustainable Supply Chain Management	Open Elective	
ENGL311	Professional Writing	RGMI221	Risk Management and Insurance Analysis	SCMT 370	Procurement and Global Sourcing	Open Elective	
Social Science Elective		SCMT320	Enterprise Management Systems: ERP (SAP)	Open Elective		Open Elective	
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 APPLIED HORTICULTURE & HORTICULTURAL OPERATIONS		CTE APPLIED HORTICULTURE & HORTICULTURAL OPERATIONS	
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, BIOLOGICAL LABORATORY SCIENCE

Davenport University CIP Code:

14.0101

Grade 13				Grade 14			
1st Semester		2nd Semester		1st Semester		2nd Semester	
ACES100	Achieving Career and Education Success	BIO111 and BIO111L	Organisms and Populations and Organisms and Populations Lab	BIO209	Techniques in Laboratory Sciences	BIO336	Genetics
BIO110 and BIO110L	Foundations of Cell Biology and Foundations of Cell Biology Lab	CHEM161 and CHEM161L	General Chemistry II and Chemistry II Lab	BIO211 and BIO211L	Microbiology and Microbiology Lab	CHEM255 and CHEM255L	Organic Chemistry II and Organic Chemistry II Lab
CHEM160 and CHEM160L	General Chemistry I and General Chemistry I Lab	ENGL109	Composition	CHEM250 and CHEM250L	Organic Chemistry I and Organic Chemistry I Lab	COMM120	Presentation Techniques
MATH120	College Mathematics	MATH150	Pre-Calculus	ENGL110	Advanced Composition	STAT219	Introduction to Biostatistics
							Open Elective

Grade 15				Grade 16			
1st Semester		2nd Semester		1st Semester		2nd Semester	
BIO1354 and BIO1354L	Cell and Molecular Biology and Cell and Molecular Biology Lab	BITS212	Microcomputer Applications: Database	BIO1382	Science Ethics	BIO1430 and BIO1430L	Advanced Microbiology and Advanced Microbiology Lab
BITS211	Microcomputer Applications: Spreadsheet	CHEM310 and CHEM310L	Biochemistry and Biochemistry Lab	BIO1458 and BIO1458L	Forensic Science and Forensic Science Lab	BIO1486	Introduction to Bioinformatics
PHYS210 and PHYS210L	Fundamentals of Physics I and Fundamentals of Physics I Lab	ENGL311	Professional Writing	BIO1494	Foundations of Research	BIO1490	Biological Laboratory Internship or Elective
SOSC201	Diversity in Society	PHYS220 and PHYS220L	Fundamentals of Physics II and Fundamentals of Physics II Lab	SOC301	Globalization and World Diversity	BIO1496	Capstone Research Project
Open Elective				Open Elective		Open Elective	