



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: **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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| 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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| 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 | |