

| Macomb Community College: Associate of Applied Science (AAS) in Technology or Associate of Business Administration (ABA) | Ferris State University: Bachelor of Applied Science (BAS) in Industrial Technology & Management |
|---|--|
| <i>Articulated Program: Students who have declared this program on their student record are following a formal agreement between Ferris State University and Macomb Community College.</i> | |
| Macomb Community College - Before Transfer | |
| Meet with a Ferris State University advisor for course planning and selection from below Business and Technology areas | |
| ACCT; ATAP; ATBC; ATDD; ATEM; ATMT; ATPP; ATQT; ATSS; ATWD; AUTO; BLAW; BUSN; CIVL; CLCT; CORE; DRAD; DRCG; ELEC; ENGR; FINC; ITAP; ITCC; ITCS; ITIA; ITNC; ITNT; ITOS; ITWP; MECT; MGMT; MKTG; PRDE; RNEW; ROBO | Minimum 40 Hrs |
| Macomb Courses: Ferris's Competency and Major Requirements | 24-28 Hrs |
| SPCH 1060 - Speech Communication | 3 |
| ENGL 1180 - Communications 1 <i>Satisfies MTA</i> or ENGL 1210 - Composition 1 <i>Satisfies MTA</i> | 3-4 |
| ENGL 1190 - Communications 2 <i>Satisfies MTA</i> or ENGL 1220 - Composition 2 <i>Satisfies MTA</i> or BCOM 2050 - Business Communications <i>*BCOM 2050 does <u>not</u> fulfill MTA requirement</i> | 3-4 |
| MATH 1465 - Accelerated Precalculus <i>Satisfies MTA</i> or MATH 1415 - Precalculus I: College Algebra and MATH 1435 - Precalculus II: College Trigonometry <i>Satisfies MTA</i> | 5-7 |
| PHYS 1180 - College Physics 1 <i>Satisfies MTA</i> | 4 |
| MKTG 1010 - Principles of Marketing | 3 |
| MGMT 1010 - Principles of Management | 3 |
| General Education--Michigan Transfer Agreement plan* Students who complete a Michigan Transfer Agreement (MTA) will satisfy most general education requirements for Ferris State University. Students who do not receive the MTA endorsement must still satisfy all general education requirements for Ferris State University. Meet with a Macomb academic advisor or counselor for assistance with course planning. For additional information visit: www.macomb.edu/transfer . | Minimum 30 Hrs |
| Basic Composition--2 courses: <i>Met in requirements</i> ENGL 1180 or ENGL 1210 and ENGL 1190 or ENGL 1220 | - |
| Mathematics--1 course: <i>Met in requirements</i> MATH 1100, MATH 1340, MATH 1360, MATH 1370, MATH 1410, MATH 1415, MATH 1430, MATH 1435, MATH 1460, MATH 1465, MATH 1760, MATH 1770, MATH 2000, MATH 2200, MATH 2760, or MATH 2770 | - |
| Humanities & Fine Arts--2 courses needed from different subject areas: any ARAB, any CHIN, any FREN, any GRMN, any ITAL, any SPAN (except SPAN 1265), ARTT 1620, ARTT 1625, ARTT 2650, ARTT 2660, ENGL 1730, ENGL 2410, ENGL 2420, ENGL 2510, ENGL 2520, ENGL 2600, ENGL 2610, ENGL 2640, ENGL 2710, ENGL 2720, ENGL 2730, ENGL 2740, ENGL 2800, ENGL 2810, ENGL 2850, any HUMN, INTL 2000, INTL 2300, INTL 2800, MUSC 1030, MUSC 1040, MUSC 1050, MUSC 1060, MUSC 1070, MUSC 1160, MUSC 1170, MUSC 2080, MUSC 2180, MUSC 2710, MUSC 2720, or any PHIL | 5-8 |
| Sciences--2 courses needed from different subject areas, with 1 course containing a lab: PHYS 1180 - College Physics 1 1 additional course from a different science area: any ASTR, any BIOL, any CHEM, any ENVS, any ESCI, any GEOL, or any PHSA | 2-6 |
| Social Sciences--2 courses needed from different subject areas: any ANTH, any ECON, any GEOG, any HIST, INTL 2010, any POLS, any PSYC, or any SOCY | 6-8 |
| If needed, complete an additional course(s) from the applicable general education categories above to reach the minimum 30 MTA required credit hours | - |

Ferris State University Coursework - After Transfer:

| Ferris State University Coursework - After Transfer: | |
|--|--|
| Major Requirements | 36 Hrs |
| ENGL 311 - Advanced Technical Writing <i>or</i> ENGL 321 - Advanced Composition <i>or</i> ENGL 325 - Advanced Business Writing | 3 |
| PROJ 320 - Project Management Fundamentals | 3 |
| MFGE 352 - Design for Manufacturing | 2 |
| APPS 350 - Automation Technology & Management | 3 |
| APPS 351 - Production Flow & Plant Layout | 3 |
| APPS 401 - Contemporary Issues in Industrial Management | 3 |
| COHP 330 - OSHA Laws & Regulations | 2 |
| MFGE 341 - Quality Operations Management | 3 |
| MFGE 423 - Engineering Economics | 2 |
| MGMT 370 - Quality Operations Management | 3 |
| APPS 420 - Manufacturing Certification & Standardization | 3 |
| APPS 450 - Manufacturing Improvement Management | 3 |
| APPS 499 - Sr. Project Capstone | 3 |
| Maximum Macomb Credits = 90 | Minimum credits at Ferris State University = 30 |
| Minimum credits for Bachelor of Applied Science in Industrial Technology & Management - 120 credit hours | |

Important Information:

- All content is for informational purposes and is designed to be used as a tool to assist students with transfer information but should not be used for self-advising. Some courses may include prerequisite requirements that are not listed in this guide. Consult with your advisor for details.
- When pursuing a Macomb degree work closely with a Macomb and Ferris State University advisor or counselor to ensure BOTH the Macomb and Ferris State University degree requirements are being met.
- Transfer credit limits vary by each transfer college and major. This transfer guide may contain more than the maximum number of allowable transfer credits Ferris State University will accept.
- Macomb and Ferris State University reserve the right to make any necessary changes to courses, provisions, or transfer requirements without notice.
- It is the responsibility of the student to be aware of changes that affect their transfer program. Students are strongly encouraged to contact Ferris State University on an annual basis to review their program requirements.
- Students may concurrently be enrolled and taking courses at both Macomb and Ferris State University during the same semester after completing the minimum requirements for Ferris State University. Meet with an academic advisor or counselor for additional information.
- To transfer into Ferris's program a minimum overall GPA of 2.5 is required.
- It is highly recommended that applicants have a minimum of 5 years industrial/manufacturing experience.
- If you decide to transfer before graduating from Macomb you may be eligible to earn your associate degree after the fact.
www.macomb.edu/transfer
- Please contact Ferris State University at 586-263-6330 to schedule an appointment, or to view additional information visit:
[Ferris State University - Macomb University Center](#)
- For program overviews, to request program information, or to apply for admission visit:
[Ferris State University](#)