Transfer Guide: MVCC to IIT
AAS Automotive Technology (AUT) -to-
BAC in Industrial Technology and Management (INTM)

I. AUT GENERAL EDUCATION (15 credits)

Communications (6 credits)
1. COM 101 Composition I (3)
2. COM 103 Speech Fundamentals (3)

Mathematics (2 credits)
1. MTH 133 Math for Industry (2)

Science (4 credits)
1. PHY 106 Fundamentals of Physics (3)
2. PHY 107 Fundamentals of Physics Lab (1)

Humanities/Social Science (3 credits)
1. One course from Section B or C, IIT-MVCC General Education Transfer Credits List:
   www.iit.edu/ugaa/transfer_credit/moraine_valley_community_college/itm.shtml

II. AUT REQUIRED CAREER COURSES (32 credits) (transfers to IIT as 4 SCI + 28 TECH)

1. AUT 112 Introductory Automotive Technology (4)
2. AUT 114 Electrical/Electronic Systems I (4)
3. AUT 121 Automotive Break Systems (4)
4. AUT 125 Performance and Driveability I (4)
5. AUT 214 Electrical/Electronic Systems II (4)
6. AUT 232 Performance and Driveability II (4)
7. AUT 232 Steering and Suspension Systems (4)
8. AUT 236 Automotive Engine Reconditioning (4)

III. AUT ELECTIVES (Select 15 credits)

1. AUT 120 Automotive Service Sector (3)
2. AUT 127 Introduction to Alternative Fuels (3)
3. AUT 233 Internship Seminar (1)
4. AUT 237 Internship (3)
5. AUT 240 Manual Transmission and Drivelines (4)
6. AUT 242 Automatic Transmissions (4)
7. AUT 244 OBDII and Emission Control Systems (4)
8. AUT 246 Heating and Air Conditioning Systems (4)

CREDIT HOURS REQUIRED FOR MVCC AAS IN AUTOMOTIVE TECHNOLOGY: 62

IV. ADDITIONAL GENERAL EDUCATION COURSES* TO BE TAKEN AT MVCC OR IIT (19 credits)

1. Math (4 credits): At MVCC, MTH 139 Probability and Statistics is recommended.
2. Science (3 credits): At MVCC, select one course (NOT PHYSICS) from Section E, IIT-MVCC General Education Transfer Credits List.
3. Computer Science (3 credits): At MVCC, select one course from Section G, IIT-MVCC General Education Transfer Credits List.
4. Social Science elective (6 credits): At MVCC, select two courses from Section C, IIT-MVCC General Education Transfer Credits List.
5. Humanities elective (3 credits): At MVCC, select one course from Section B, IIT-MVCC General Education Transfer Credits List.

*Equivalent coursework completed at another institution may qualify for transfer to IIT, potentially eliminating the need to take additional courses.
Students with college credit over and above that taken for MVCC AAS in AUT should consult with INTM regarding additional requirements.

1. COM 101 and COM 103 are required by MVCC. These courses satisfy IIT’s Writing Proficiency Requirement, but do not count towards INTM degree requirements.
2. A total of 6 credits in Math are required for INTM degree; students are encouraged to complete MTH 133 and MTH 139 Probability and Statistics (4 credits).
3. May be applied as a Physics course to satisfy IIT’s General Education requirements for Science.
4. The seminar and internship do not count towards INTM degree requirements.
5. A total of 12 hours in Social Science/Humanities at the 100- or 200-level are required for the INTM degree; at least 3 hrs, but no more than 6 hrs, must be in HUM.
V.  INTM GENERAL EDUCATION (15 credits)

Humanities (6 credits): Two (2) 300 or 400 level courses; choose from HIST, PHIL, or LIT
Social Science (3 credits): One (1) course 300 or 400 level courses; choose from PSYC, PS, SOC, or ECON
Interprofessional Project (IPRO) (6 credits)

VI.  INTM CORE COURSEWORK (27 credits)
All INTM courses below are 3 credits.

INTM 301 Communications for the Workplace
INTM 315 Industrial Enterprises
INTM 322 Industrial Project Management
INTM 404 Marketing, Sales and Product Introduction
INTM 408 Cost Management
INTM 409 Inventory Control
INTM 410 Operations Management
INTM 425 Human Resource Management
INTM 432 Sales and Operations Planning

VII.  INTM TECHNICAL/SPECIALIZATION ELECTIVES (21 credits)
Select seven (7) courses from all courses listed below. Completing a specialization is optional. To obtain a specialization, student must complete four (4) courses within a single focus area. All courses are 3 credits.

INTM 314 Maintenance Technology and Management
INTM 319 Electronics in Industry
INTM 414 Topics in Industry
INTM 418 Industrial Risk Management
INTM 420 Applied Strategies for the Competitive Enterprise
INTM 427 E-Commerce
INTM 477 Entrepreneurship in Industry

Industrial Facilities (IF)
INTM 407 Construction Technology
INTM 413 Facilities and Construction Administration
INTM 415 Advanced Project Management
INTM 417 Construction Estimating

Industrial Sustainability (ST)
INTM 459 Issues in Industrial Sustainability
INTM 460 Sustainability of Critical Materials
INTM 461 Energy Options in Industry
INTM 462 Special Topics in Sustainability

Manufacturing Technology (MT)
INTM 406 Quality Control
INTM 412 Mfg. Processes for Metals/Mechanical Systems
INTM 431 Mfg. Processes: Electronics/Electrical Systems
INTM 433 Manufacturing Processes in Chemical Industries
INTM 446 Manufacturing and Logistics Information Systems

Supply Chain Management (SCM)
INTM 430 Transportation
INTM 441 Supply Chain Management
INTM 442 Warehousing and Distribution
INTM 443 Purchasing
INTM 444 Export/Import
INTM 446 Manufacturing and Logistics Info Systems

Telecommunication Technology (TT)
ITMO 440 Introduction to Data Networks and the Internet
ITMO 441 Network Applications and Operations
ITMS 448 Cyber Security Technologies
INTM 449 Telecommunications over Data Networks

CREDIT HOURS TO BE COMPLETED AT IIT:  63
CREDIT HOURS REQUIRED FOR BAC IN INDUSTRIAL TECH & MGMT:  126

Total credits for AAS in AUT at MVCC:  62
Additional credits* at MVCC or IIT:  19
Credits taken at IIT for BAC in INTM:  63
Combined Total Credits:  144

*Equivalent coursework completed at other institutions may qualify for transfer to IIT, thereby reducing the need for additional credits. See Section IV.
FOR MORE INFORMATION...

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www.morainevalley.edu/academicadvising

AUT Department website: http://www.morainevalley.edu/Automotive/

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http://admissions.iit.edu/undergraduate/

INTM Department website: http://appliedtech.iit.edu/intm
INTM Program description: http://appliedtech.iit.edu/industrial-technology-and-management/programs
INTM Admission: http://appliedtech.iit.edu/industrial-technology-and-management/admissions/undergraduate-admission
Online application: http://admissions.iit.edu/undergraduate/apply/transfer-applications