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

I. MECHATRONICS GENERAL EDUCATION (22 credits)  

Communications (9 credits)  
- COM 101 Composition I (3)  
- COM 103 Speech Fundamentals (3)  
- COM 201 Business and Technical Writing (3)  

Mathematics (6 credits)  
- MTH 141 College Algebra (4)  
- MTH 142 Trigonometric Functions (2)  

Science (4 credits)  
- PHY 150 Mechanics, Heat and Sound (4)  

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

Social Science (3 credits)  
One course from Section C, IIT-MVCC General Education Transfer Credits List  

II. MECH MAJOR/TECHNICAL COURSEWORK (38 credits) (transfers to IIT as 9 SCI + 3 CS + 26 TECH)  

- ELT 101 Electricity and Electronics (3)  
- ELT 102 Digital Logic/Solid State Devices (3)  
- ELT 201 Industrial Controls (3)  
- ELT 202 Advanced Industrial Controls (3)  
- IMS 101 Introduction to Computer Systems (3)  
- IST 101 Introduction to Machine Tools (3)  
- MDT 101 Introduction to Drafting (3)  
- MDT 106 Mechanical Assemblies (2)  
- MDT 110 Mechanical Detailing (3)  
- MDT 145 Introduction to CAD (3)  
- MDT 205 Machine Elements (3)  
- MDT 210 Statics and Strength of Materials (3)  
- WLD 113 Basic Metallurgy and Materials (3)  

CREDIT HOURS REQUIRED FOR MVCC AAS IN MECHATRONICS TECHNOLOGY: 63  

III. ADDITIONAL GENERAL EDUCATION COURSES* TO BE TAKEN AT MVCC OR IIT (9 credits)  

Social Science elective (3 credits): at MVCC, select one course from Section C, IIT-MVCC General Education Transfer Credits List. PSYC OR SOC recommended.  

Humanities or Social Science elective (3 credits): at MVCC, select one course from section B, C, or D from the IIT-MVCC General Education Transfer Credits List.  

Technical Electives (3 credits): Select one additional course in ELT, IST, MDT, or WLD  

*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 MECH should consult with INTM regarding additional requirements.  

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1. COM 101 and COM 103 are required for all MVCC degrees. These courses satisfy IIT’s Writing Proficiency Requirement, but credits do not count towards INTM degree requirements.  
2. COM 201 will be applied as transfer equivalent to INTM 301 Communications for the Workplace.  
3. May be applied as a Physics course within INTM program to satisfy IIT General Education requirements for Science.  
4. May be applied as a Computer Science (CS) course to satisfy IIT General Education requirements.  
5. May be applied as a Drafting/Engineering Graphics course within INTM program to satisfy IIT General Education requirements for Science.  
6. May be applied as a Physics course within INTM program to satisfy IIT General Education requirements for Science.  
7. 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.
IV. 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)

V. 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

VI. 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
- ITMO 449 Telecommunications over Data Networks

CREDIT HOURS TO BE COMPLETED AT IIT: 63
CREDIT HOURS REQUIRED FOR BAC IN INDUSTRIAL TECH & MGMT: 126
COMPUTER INTEGRATED TECHNOLOGIES
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FOR MORE INFORMATION...

CIT Department website: http://www.morainevalley.edu/CAD/degrees.htm

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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