TRANSFER GUIDE: CITY COLLEGES OF CHICAGO TO ILLINOIS INSTITUTE OF TECHNOLOGY

AAS in Communications Technology (CMT) (750)
-to- BAC in Industrial Technology and Management (BINTM)

The Communications Technology (CMT) AAS degree is a cooperative effort between Daley College and the Electrical Joint Apprenticeship and Training Trust (EJATT). The CMT program requires a separate application for apprentice training through the IBEW-NECA Technical Institute.   Upon earning the CMT AAS, students can expand their career options and professional abilities by transferring into the Bachelor of Industrial Technology and Management (INTM) program at Illinois Tech. The INTM program is designed to broaden students' knowledge of managing operations, resources, and technology within an industrial organization. This transfer guide outlines curriculum for both programs and identifies how the ECT coursework aligns with admission requirements for the INTM degree. Courses must be graded 'C' or better in order to transfer, and a maximum of 68 hours can be accepted from a 2-year institution.

CCC CMT Required Coursework	Transfers to Illinois Tech as…
General Education Coursework (15 credits)	
ENGLISH 101 Composition (3)	Communications/COM 101 (Writing Proficiency)
HISTORY elective (3)	Humanities/HIST, HUM, LIT, PHIL (not 105) or RELIGN accepted
PSYCHOLOGY or SOCIAL & BEHAVIOR SCIENCE (SBS) elective (3)	Social Science/ANTHRO, ECON, GEOGR, POLI SCI, PSYC, SOC or SOC SCI
HUMAN DIVERSITY (HD) elective (3)	Social Science or Humanities; ECON 133, PHIL 105, PSYCH 240 do not transfer
> Review Human Diversity (HD) electives in City Colleges of Chicago (CCC) Academic Catalog at www.ccc.edu/menu/pages/academic-catalog.aspx	> Review CCC-IIT Transfer Credits list at https://web.iit.edu/ugaa/ _ccc-industrial-technology-and-management_
432IBEW 714 Technical Mathematics I (3)	Math
CMT Major/Technical Coursework: 13 courses (50 credits)	
432IBEW 704 Construction Technology (4.5)	Technical coursework
432IBEW 705 Print Reading I (3.5)	Technical coursework
432IBEW 709 Print Reading II (3)	Technical coursework
432IBEW 711 Communications (4)	Technical coursework
432IBEW 715 Technical Mathematics II (3)	Math
432IBEW 716 Electronics (4.5)	Natural Science/Engineering (Physics)
432IBEW 717 Structured Wiring (4.5)	Technical coursework
432IBEW 718 Integrated Systems I (3.5)	Technical coursework
432IBEW 719 Integrated Systems II (4.5)	Technical coursework
432IBEW 720 Communications Systems Verification (3.5)	Technical coursework
432IBEW 721 Fiber Optics (3.5)	Natural Science/Engineering (Physics)
432IBEW 722 Computer Networking (4.5)	Technical coursework
432IBEW 726 Low Voltage Systems Comm (3.5)	Technical coursework

TOTAL CREDITS REQUIRED FOR CCC AAS IN CMT: 65	

Additional courses required for transfer to IIT:
 - NATURAL SCIENCE/ENGINEERING (3 credits): One course from IIT-CCC Transfer Credits list, Section F. CAD, Engineering Graphics or BIM recommended. BIOL or CHEM accepted.
 - COMPUTER SCIENCE (3 credits): Take 432IBEW 710 or a CIS elective.

The courses above are required to fulfill IIT General Education/Core Curriculum requirements. Equivalent coursework completed at another institution may satisfy this requirement. Students with college credit over and above that taken for CCC's AAS in CMT should consult with INTM at IIT _before_ _taking additional courses._

INTM Admission Requirements: 60 credits	Satisfied by CCC AAS Coursework
Technical Coursework: 31 credits	IBEW Major/Technical courses
Mathematics: 5-6 credits	432IBEW 714 and 715
Natural Science/Engineering: 10-11 credits	432IBEW 716, 721 + 1 course (not Physics /Physical Science)
Computer Science: 3 credits	432IBEW 710 or CIS elective
Humanities/Social Sciences: 9 credits	See above; HIST (HUM) and PSYC 206 (SOC SCI) recommended

Illinois Tech/INTM Coursework	
Core Curriculum: 45 credits	
INTM 301 Communications for the Workplace (3)	Humanities (6 credits): Two (2) 300- or 400-level courses
INTM 315 Industrial Enterprises (3)	(choose from HIST, HUM, PHIL or LIT)
INTM 322 Industrial Project Management (3)	Social Science (6 credits): Two (2) 300- or 400-level courses
INTM 404 Marketing, Sales and Product Introduction (3)	(choose from PSYC, PS, SOC or ECON)
INTM 408 Cost Management (3)	Interprofessional Project (IPRO) (6 credits)
INTM 410 Operations Management (3)	
INTM 425 Human Resource Management (3)	
INTM 441 Supply Chain Management (3)	
INTM 459 Issues in Industrial Sustainability (3)	

INTM Technical and Specialization Electives (21 credits)

Select seven (7) courses from all electives listed below; each course earns 3 credits.   Completing a specialization is optional.
To earn a specialization, student must complete four (4) courses within an identified focus area.

General Technical Electives

INTM 319 Electronics in Industry

INTM 418 Industrial Risk Management

INTM 420 Applied Strategies for the Competitive Enterprise

INTM 477 Entrepreneurship in Industry

Specialization Electives

Construction Technology (CT)

INTM 407 Construction Technology

INTM 413 Contract Administration for Construction Projects

INTM 415 Advanced Project Management

INTM 417 Construction Estimating

Manufacturing Technology (MT)

INTM 406 Quality Control

INTM 433 Chemical Manufacturing Processes in Industry

INTM 434 Manufacturing 4.0

INTM 435 Performance Management for Food Operations

INTM 436 Lean Manufacturing

INTM 437 Smart Factory Automation

Facilities Management (FM)

INTM 314 Maintenance Technology and Management

INTM 411 Functional Facilities Management

INTM 413 Contract Administration for Construction Projects

INTM 415 Advanced Project Management

INTM 416 Integrated Facilities Management

INTM 423 Sustainable Facilities Management

INTM 438 Advanced Metals Manufacturing I

INTM 446 Manufacturing and Logistics Information Systems

Supply Chain Management (SCM)

INTM 409   Inventory Control

INTM 427   E-Commerce in Marketing & Supply Chain Networks

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

Industrial Sustainability (ST)

INTM 423 Sustainable Facilities Operations

INTM 460   Sustainability of Critical Materials

INTM 461   Energy Options in Industry

INTM 462   Special Topics in Industry

TOTAL CREDITS TO BE COMPLETED AT ILLINOIS TECH*: 60-66	
TOTAL CREDITS REQUIRED FOR BAC IN INDUSTRIAL TECHNOLOGY & MANAGEMENT: 126	
OVERALL CREDITS REQUIRED*: 131-137 (CCC: 65>AAS + 6>Gen Ed + 60-66>IIT)	

*Total credits required is based on amount/makeup of transfer credit from CCC and other institutions; all courses must be graded "C" or better to transfer.

FOR MORE INFORMATION…

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ECT Program Description: http://www.ccc.edu/programs/Pages/Electrical-Construction-Technology-Associate-in-Applied-Science.aspx
CCC Application Procedures: http://www.ccc.edu/Pages/FutureStudents.aspx
EJATT IN-TECH Apprenticeship Training: http://www.ejatt.com/

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ILLINOIS INSTITUTE OF TECHNOLOGY

IIT Office of Undergraduate Admissions
312.567.3025
admission@iit.edu
http://admissions.iit.edu/undergraduate/

INTM Website: http://appliedtech.iit.edu/intm
INTM Program Description: http://appliedtech.iit.edu/industrial-technology-and-management/programs
INTM General Transfer Guidelines: http://appliedtech.iit.edu/sites/sat/files/elements/INTM/pdfs/INTM_CC_Transfer_Guidelines.pdf
INTM Admission: http://appliedtech.iit.edu/industrial-technology-and-management/admissions/undergraduate-admission
IIT/INTM Scholarship Information: http://appliedtech.iit.edu/industrial-technology-and-management/admissions/scholarship
IIT Online Application for Transfer Students: https://www.iit.edu/admissions-aid/undergraduate-admission/transfer-students/transfer-application-process