

# TRANSFER GUIDELINES: AMT to INTM

## AAS in ADVANCED MANUFACTURING TECHNOLOGY (AMT), HARPER COLLEGE -TO- BACHELOR OF INDUSTRIAL TECHNOLOGY AND MANAGEMENT (BINTM), ILLINOIS INSTITUTE OF TECHNOLOGY

<b>AMT AAS REQUIREMENTS</b>	Core courses: 16 hrs Gen Ed courses: 15 hrs Specialization courses: <u>29 hrs</u> <b>60 hrs</b>	<b>BINTM ADMISSION REQUIREMENTS</b>	Technical coursework: 31 hrs Science/Engineering: 11 hrs Math: 6 hrs Social Science: 6 hrs Humanities: 6 hrs Computer Science: <u>3 hrs</u> <b>63 hrs</b>	A grade of "C" or better is required for a course to transfer to IIT; a "C-" is not acceptable.	Visit <a href="http://www.intm.iit.edu">www.intm.iit.edu</a> for complete details on the BINTM curriculum.
				A maximum of 68 credits can be transferred to IIT from a community college.	The BINTM degree requires a total of 126 credits, inclusive of the 63 hours of admission requirements plus 63 hours of upper-level coursework to be completed at IIT.

### TRANSFER EQUIVALENTS AND RECOMMENDATIONS

AMT Core	Hours	Transfer	BINTM	Hours	Transfer	Tech hrs	Tech Tally
MFT 102	4 hrs	✓	TECH	4 hrs	✓	11	Core + Spec.
MFT 104	2 hrs	✓	TECH	2 hrs	✓		
MFT 108	3 hrs	✓	TECH	3 hrs	✓		
MFT 109	2 hrs	✓	TECH	2 hrs	✓		
MFT 119	3 hrs	x	internship does not transfer				
MTH 097	2 hrs	x	need MTH 103, 124, 134, 140 or 165				
<b>AMT General Educ</b>							
ENG 101	3 hrs	(✓)	Only satisfies IIT's writing proficiency requirement				
ENG 103 or SPE 101	3 hrs	✓	ENG 103 will apply as INTM 301 (upper-level BINTM reqmt)				
HUM elective	3 hrs	✓	HUM (see Note 1)			3 hrs	
SOC SCI elective	6 hrs	✓	SOC SCI			6 hrs	

To apply for admission to IIT, access the Transfer Student Application at [admissions.iit.edu/undergraduate](http://admissions.iit.edu/undergraduate)

**Additional General Education Courses Required for BINTM**

**MATH:** 1 course, if less than 5 hours completed for AMT Core, per IIT Transfer Guidelines Section F

**SCI/ENG:** 1 to 3 courses, based on AMT specialization. Of 3 courses (11 hours) required, 2 courses must be in one field and 1 course must be in a separate field (for example, 2 Physics plus 1 CHEM or BIOL, or 2 Physics plus 1 CAD/Drafting). Consult IIT Transfer Guidelines Section E. Up to 6 hrs may be in drafting/engineering graphics.

**SOC SCI/HUM:** 1 course from IIT Transfer Guidelines Section B, C or D

**CS:** CIS 101 or CIS 106

-- REFER TO IIT TRANSFER GUIDELINES AT [www.iit.edu/ugaa/transfer\\_credit/harper\\_college/itm.shtml](http://www.iit.edu/ugaa/transfer_credit/harper_college/itm.shtml) --

Mechatronics/Automation	Hours	Transfer	BINTM	Hours	Transfer	Tech hrs	Tech Tally
ELT 110	4 hrs	✓	SCI/ENG (Physics)	4 hrs	✓	21	32
ELT 120	2 hrs	✓	TECH	2 hrs	✓		
ELT 140	2 hrs	✓	TECH	2 hrs	✓		
ELT 142	2 hrs	✓	TECH	2 hrs	✓		
ELT 143	2 hrs	✓	TECH	2 hrs	✓		
ELT 215	4 hrs	✓	TECH	4 hrs	✓		
ELT electives	8 hrs	✓	Take ELT 125 + ELT 135 > SCI/ENG (Physics)	4 hrs	✓		
		✓	Remaining 4 hrs > TECH	4 hrs	✓		
Technical electives	5 hrs	✓	TECH	5 hrs	✓		
<b>Precision Machining</b>							
MFT 105	4 hrs	✓	TECH	4 hrs	✓	24	35
MFT 120	3 hrs	✓	TECH	3 hrs	✓		
MFT 123	3 hrs	✓	TECH	3 hrs	✓		
MFT 125	3 hrs	✓	TECH	3 hrs	✓		
MFT 128	3 hrs	✓	TECH	3 hrs	✓		
MFT 130	1 hr	✓	TECH	1 hr	✓		
MFT 201	5 hrs	✓	TECH	5 hrs	✓		
MFT 265	2 hrs	✓	SCI/ENG (Physics, or CHEM if taken w/CHEM)	2 hrs	✓		
MNT 111	2 hrs	✓	TECH	2 hrs	✓		
Technical electives	3 hrs	✓	Take ELT 125 + ELT 135 > SCI/ENG (Physics)	4 hrs	✓		
<b>Metal Fabrication</b>							
MNT 111	2 hrs	✓	TECH	2 hrs	✓	29	40
WLD 110	3 hrs	✓	TECH	3 hrs	✓		
WLD 210	3 hrs	✓	TECH	3 hrs	✓		
WLD 211	4 hrs	✓	TECH	4 hrs	✓		
WLD 212	4 hrs	✓	TECH	4 hrs	✓		
WLD 225	2 hrs	✓	TECH	2 hrs	✓		
WLD 240	3 hrs	✓	TECH	3 hrs	✓		
WLD 245	4 hrs	✓	TECH	4 hrs	✓		
WLD 250	4 hrs	✓	TECH	4 hrs	✓		
<b>Supply Chain Management/Logistics</b>							
SCM 101	3 hrs	✓	TECH	3 hrs	✓	24	35
SCM 120	3 hrs	✓	TECH	3 hrs	✓		
SCM 121	3 hrs	✓	TECH	3 hrs	✓		
SCM 122	3 hrs	✓	TECH	3 hrs	✓		
SCM 125	3 hrs	✓	TECH	3 hrs	✓		
SCM 226	3 hrs	✓	TECH	3 hrs	✓		
SCM 227	3 hrs	✓	TECH	3 hrs	✓		
SCM 259	3 hrs	✓	TECH	3 hrs	✓		
Technical electives	5 hrs	✓	Take ELT 110 + ELT 125 or ELT 135 > SCI/ENG (Physics)	6 hrs	✓		

[http://www.iit.edu/ugaa/transfer\\_credit/harper\\_college/itm.shtml](http://www.iit.edu/ugaa/transfer_credit/harper_college/itm.shtml)

## IIT School of Applied Technology

For students attending: *Harper College*

Who plan to major in: *Industrial Technology & Management or Information Technology & Management*

**Please contact the Office of Undergraduate Academic Affairs with any questions regarding the course equivalencies below.**

GENERAL EDUCATION PROGRAM - Please consult the General Education section of the current IIT Bulletin for complete requirements.

- A. **Basic Writing Proficiency** - Students must show basic writing proficiency by receiving a satisfactory score on the Writing Proficiency Examination or by passing an English Composition course.
- B. **Humanities** - Choose one course from the following: HST 105, 111, 112, 141, 142, 151, 152, 212, 245, 261; HUM 101, 102, 104, 105, 120, 125; LIT 105, 110, 112, 115, 206, 207, 210, 215, 216, 217, 220, 221, 222, 223, 224, 231, 232, 241; or PHI 105, 115, 120, 150, 160, 170, 180, 190, 205, 210, 220, 231, 232.
- C. **Social Sciences** - Choose one course from the following: ANT 101, 202, 203, 205, 206, 207, 208, 209, 210; ECO 200, 210, 211, 212; GEG 100, 101, 103, 104, 210; PSC 101, 220, 250, 260, 270, 280; PSY 101, 210, 216, 217, 218, 220, 225, 228, 230, 235, 245; or SOC 101, 120, 205, 210, 215, 230, 235.
- D. **Choose one course from section B or section C or from the following:** ART 114, 130, 131, 132; HST 121, 153, 210, 214, 219, 231, 232, 241, 242, 243; HUM 103, 110; LIT 208, 219; LNG 105, 205; or MUS 103, 104, 120; PHI 101, 102.
- E. **Science Electives** - A minimum of eleven (11) credit hours is required. Two courses must be in the same field and at least one course must be in a different field. Choose from the following: AST 101, 201; BIO 101, 103, 104, 105, 111; CHM 110, 121, 122; GEO 101, 102, PHS 101, 105, 111, 112; or PHY 121, 122.
- F. **Mathematics** - A minimum of five (5) semester hours is required. Choose from the following: MTH 103, 124, 134, 140, or 165.
- G. **Computer Science** - CIS 106. Recommended: one course beyond CIS 106.
- H. **Free or Technical Coursework** - Information Technology & Management majors must have thirty three (33) semester hours of approved courses as free electives or technical electives. Industrial Technology & Management majors must have thirty-one (31) semester hours of approved courses as technical electives. Please contact IIT's Office of Undergraduate Academic Affairs for additional information.

*Last modified: April 29, 2014*