

TRANSFER GUIDELINES

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

AMT AAS REQUIREMENTS	BINTM ADMISSION REQUIREMENTS		
Core courses: 16 hrs	Technical coursework: 31 hrs	A grade of "C" or better is required for a course to transfer to IIT; a "C-" is not acceptable.	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.
Gen Ed courses: 15 hrs	Science/Engineering: 11 hrs		
Specialization courses: 29 hrs	Math: 6 hrs	A maximum of 68 credits can be transferred to IIT from a community college.	Students should apply for admission to IIT by using the Transfer Student Application at www.iit.edu/undergrad-admission
60 hrs	Social Science: 6 hrs		
	Humanities: 6 hrs		
	Computer Science: 3 hrs		
	63 hrs		Visit www.intm.iit.edu for complete details on the BINTM curriculum.

TRANSFER EQUIVALENTS AND RECOMMENDATIONS

AMT Core			BINTM		Tech hrs	
MFT 102	4 hrs	✓	TECH	4 hrs	11	Tech Tally 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			
AMT General Educ						
ENG 101	3 hrs	--	Only satisfies IIT's writing proficiency requirement		<i>Note 1: For HUM, course options listed satisfy Harper's World Cultures & Diversity requirement and appear in IIT Transfer Guidelines Section B</i> Take one: HUM 104, 125; HST 245; LIT 220, 223, 224; or PHI 160, 190, 205 Take two, pref one PSC and one SOC, from IIT Transfer Guidelines Section C	
ENG 103 or SPE 101	3 hrs	x	Not required as part of BINTM degree requirements			
HUM elective	3 hrs	✓	HUM (see Note 1)	3 hrs		
SOC SCI elective	6 hrs	✓	SOC SCI	6 hrs		

These courses are best completed at Harper, either during AAS studies or after transfer to IIT. Courses taken at other institutions may also satisfy these requirements.

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 (per INTM catalog writeup).
SOC SCI/HUM: 1 course from IIT Transfer Guidelines Section B, C or D
CS: CIS 106

Mechatronics/Automation						
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		
Precision Machining						
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		
Metal Fabrication						
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		
Supply Chain Management/Logistics						
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		

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: Oct. 23, 2012