



Northcentral
TECHNICAL COLLEGE

TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

NTC Program: Architectural Design & Technology

Michigan Technological University-MTU Program: Construction Management (TCMG)

Minimum GPA for admission: 2.75

Initial effective date: Fall 2024

General Education Courses

NTC			MTU		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-801-195	Written Communication <u>OR</u>	3	HU1XXX5 or	HASS Communication/Composition OR	3
10-801-136	English Composition 1		UN1015	Composition	
10-801-196	Oral/Interpersonal Communications	3	HU2830	Public Speaking and Multimedia	3
10-804-118	Intermediate Algebra w/Apps (4 credits) <u>OR</u>	3 or 4	MA1030	College Algebra 1	3
10-804-195	College Algebra w/Apps (3 credits)				
10-806-154	General Physics 1	4	PH1110/1111	College Physics 1 w/Lab (sub for PH1140/1141)	4
10-809-196	Intro to Sociology	3	SS2700	Intro to Sociology (Core Elective for Soc Resp & Ethic Reason)	3
10-809-198	Intro to Psychology	3	PSY2000	Introduction to Psychology (HASS SBS)	3
10-890-165	College 101	1		N/A	
Total general education credits earned:		20 or 21			
Total transferable general education credits:			Total general education credits accepted:		19

Occupational Courses

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-614-103	Architectural Design 2	3	CMG4996	Special Topics in Construction Management (Tech Elective)	3
10-614-108	Architectural Design 4	3	CMG4996	Special Topics in Construction Management (Tech Elective)	3
10-614-110	Construction Estimating 1 AND	3	CMG3265	Construction Cost Estimating &	4
10-614-112	Construction Estimating 2	3	TRUXXXX	Unassigned Transfer	2
10-614-121	Construction Tech 1 AND	3	CMG2140	Building Materials and Methods	4
10-614-122	Construction Tech 2	3	TRUXXXX	Unassigned Transfer	2
10-614-127	Revit Residential For Architectural Design AND	2	CMG1200	Introduction to Building Information Modeling	3
10-614-189	Revit Commercial for Architectural Design	2	TRUXXXX	Unassigned Transfer	1
10-614-128	Construction Management AND	2	CMG1000	Introduction to Construction Management	2
10-614-139	AutoCAD 2D For Architectural Design	2	TRUXXXX	Unassigned Transfer	2
10-614-132	Surveying For Architectural Design	2	SU2000	Introduction to Surveying	2
10-614-155	Architectural Design 3	3	CMG2110	Building Utility Systems (include 1 TW credit)	3
10-614-184	Building Trade Statics	3	CMG2120	Statics and Strengths of Materials for Construction	3
10-614-101	Architectural Design 1	2		N/A No Credit	
10-614-119	Design & Presentation Techniques 1	2		N/A No Credit	
10-614-129	Sketchup For Architectural Design	2		N/A No Credit	

10-614-152	Intro to Architectural Design	2		N/A No Credit	
10-614-182	Design & Presentation Techniques 2	2		N/A No Credit	
	Total occupational course credits earned:	44		Total occupational course credits accepted:	34
				Elective credits allowed:	
	Total credits required for graduation:	64-65			
	Total transferable credits:			Total credits accepted at MTU:	53

Additional NTC Courses that will transfer for TCMG at MTU

MTU

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-101-111	Accounting 1	4	ACC2000	Accounting Principles 1 and ACC1XXE	3
			ACC1XXE	Unassigned Accounting Credit	1
10-102-160	Business Law 1	3	BUS2200	Business Law	3
10-804-189	Introductory Statistics	3	MA2710	Intro to Statistical Analysis (sub for MA2720 with credit reduction)	3
10-804-196	Algebra 2	3	MA1031	Algebra II (combined with MA1030 will sub for MA1032)	3
10-806-144	College Physics 2	3	PH1200/1240	Physics by Inquiry 2 (credit reduction at MTU due to 3 not 4 cr)	3
10-809-103	Thinking Critically and Creatively	3	TA2XX4	Core Elective for Critical and Creative Thinking	3
10-809-172	Introduction to Diversity Studies	3	UN1025	Global Issues	3
10-809-195	Economics	3	EC2001	Principles of Economics	3
		• 30		Optional Additional Credits	30

NTC Courses that will transfer at MTU

Courses needed to complete degree at MTU

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-607-103	Cemented Aggregate Mixtures	3	CEE 3101	Civil Engineering Materials	3
10-607-114	Construction Management, Estimating, and Safety	2	CEE 3321	Funadmentals of Construction (1 Cr. WVD)	2
			CEE4905	Engineering Design Project	3
			CMG3200	Site Planning and Development	4
			CMG3250	Structural Analysis and Design	3
			CMG4120 or CEE 4344	Construction Planning and Scheduling	3
			CMG4200	Construction Contracts	3
			CMG4210	Construction Project Management	4
			CMG4300	Construction Finance and Accounting	3
			CMG4400	Construction Safety Management	3
			CMG4800	Sustainable Construction	3
			EC3400	Economic Decision Analysis	3
			HU3120	Tech and Professional Communication	3

Business Electives: MGT2000 MGT3000 MGT3800 OSM3000 OSM3150 OSM3600	Team Dynamics and Decision Making Organizational Behavior Innovation & Entrepreneurship Operation and Supply Chain Management Intro to Supply Chain Management Procurement and Supply Management (CHOOSE 2 for total credits needed)	6
Science Elective	Non Physics Course	3
Gen Ed	*HASS Comm/Comp or UN1015	3
Gen Ed	*HASS Humanities/Fine Arts	3
Gen Ed	*HASS Any/Restricted	3
Gen Ed	Co-Curricular (PE)	3
Total credits needed at MTU to complete degree:		56

Disclaimer: Students planning to transfer should contact NTC's Transfer Specialist and transfer personnel at MTU for the most current transfer information.

* Six credits of HASS must be at the 3000-level or higher.

Thirty (30) semester credit hours of advanced level courses (3000 or higher) must be completed at Michigan Tech (including Michigan Tech Online).

Updated on 3/19/24

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