

Which MCC Math Course Should I Take? 2017-2018 Academic Year

School: Applied Sciences & Technologies

Placement Level *1

Level 1 →

Level 2 or
Level 3 →

Level 4 →

Level 5 →

Level 6 →

Level 8 →

Level 9 →

Level 10 →

TRS 092*2
Basic Math (5)

MTH 130
Business Math (3)

TRS 094*2
Pre-Algebra (5)

MTH 098*2
Elem. Algebra (4)

MTH 150
Survey of Math (3)

MTH 096*2,*3
Algebra For
Statistics (3)

MTH 099*2
(co-requisite with MTH 104)
Elem. Algebra Lab (1)

MTH 135
Intro. Tech Math (4)

MTH 104
Intermediate Algebra (4)

MTH 140
Tech. Math I (3)

MTH 165
College Algebra (3)

MTH 164
Intro. to Trig (1)

MTH 160
Statistics I (3)

MTH 141
Tech. Math II (3)

MTH 161
Statistics II (3)

MTH 172
Tech. Discrete (3)

MTH 175
Precalculus (4)

MTH 200
Applied Calculus (4)

MTH 210
Calculus I (4)

MTH 220
Discrete Math (3)

MTH 211
Calculus II (4)

MTH 225
Diff. Equations (4)

MTH 212
Calculus III (4)

MTH 230
Linear Algebra (4)

Possible First Course – Depends on Major; Consult an Advisor

- LEVEL 1 → TRS 092*2
- LEVEL 2 → TRS 094*2 or MTH 130
- LEVEL 3 → TRS 094*2 or MTH 130
- LEVEL 4 → MTH 096*2,*3 or 098*2 or 130 or 150
- LEVEL 5 → MTH 096*2,*3 or 099*2 & 104 or 130 or 150
- LEVEL 6 → MTH 096*2,*3 or 104 or 130 or 135 or 150
- LEVEL 8 → MTH 140 or 160 or 164 or 165
- LEVEL 9 → MTH 160 or 172 or 175 or 200
- LEVEL 10 → MTH 160 or 172 or 200 or 210

- *1 Student may take any course at placement level or lower level.
- *2 Imputed Credit Course. Does not count towards a college degree.
- *3 MTH 096 is intended only for students whose terminal math requirement is Statistics. It does NOT prepare students for any other level 8 course.
- *4 Unless otherwise specified, a grade of C or higher is required to progress on to the next math course.



School: Applied Sciences & Technologies
2017-2018 Academic Year - Math Requirements for Programs

Code	Degree	Program	Math Requirements in Program	Math Requirement for Program Entrance
ASC1	Cert	Advanced Studies	None	550 Math or Verbal SAT
HV01	AAS	Air Cond. Tech.: Heating/Ventilation	(135/104),140/(164,165)/175/210/up	Elementary Algebra with Geometry (or MTH 098 at MCC)
AI01	AAS	Applied Integrated Technology	(140,141)/(160,164,165)	Intermediate Algebra with Trigonometry (or MTH 104 at MCC)
AT01	AAS	Apprentice Training - Automotive	135/104/(164,165)/175/up	Elementary Algebra with Geometry (or MTH 098 currently registered in or higher). 2 years of high school Regents algebra are recommended.
AT10	AAS	Apprentice - Auto. Toyota T-TEN	135	MCC Level 4 Mathematics placement
AT12	Cert	Apprentice - Auto. Toyota T-TEN	135	MCC Level 4 Mathematics placement
AT02	Cert	Automotive Technology	135/104/(164,165)/175/up	Elementary Algebra with Geometry (or MTH 098 currently registered in or higher). 2 years of high school Regents algebra are recommended.
MT02	Cert	Computer Aided Design/Drafting	104	Elementary Algebra with Geometry or MTH 098 at MCC
CS01	AS	Computer Science	210,211,220,160/212,230/ENG 251	Precalculus in high school with an 85 or MTH 175 at MCC
CP01	AAS	Computer Systems Technology	3 of: 160/165/172/175/210/211/220	Intermediate Algebra with Trigonometry (or MTH 104 at MCC)
CT01	AAS	Construction Technology	140/(164,165)/175/210/211/212/225 (+NS&M)	Intermediate Algebra with Trigonometry (or MTH 104 at MCC)
HM09	Cert	Culinary Arts	None	Algebra (1 year high school math or placement into Level 4 Math at MCC)
CY02	Cert	Cybersecurity Certificate	None	Algebra (1 year high school math or placement into Level 4 Math at MCC)
ET01	AAS	Elect. Eng. Tech. - Electronics	(140,141,175)/(165,175,210)	Intermediate Algebra with Trigonometry (or MTH 104 at MCC)
ETX1	Cert	Electronics Technology	140/(164,165)/175/210/up	Intermediate Algebra with Trigonometry (or MTH 104 at MCC)
EM02	Cert	Emergency Medical Services	150/up	Elementary Algebra with Geometry (or MTH 098 at MCC)
FR01	AAS	Fire Protection Technology	104/135/140/141/150/160/up	Algebra (1 year high school math or placement into Level 4 Math at MCC)
FR03	AS	Fire Protection Technology	150	Students should be ready to enter MTH 150
HM08	Cert	Food Management	None	Pre-Algebra (1 year high school math or placement into Level 3 Math at MCC)
HM13	Cert	Golf Management	None	Pre-Algebra (1 year high school math or placement into Level 3 Math at MCC)
HV02	Cert	Heating, Ventilating, A/C	104/135/140/141/165/175/up	Elementary Algebra with Geometry (or MTH 098 at MCC)
EM06	AS	Homeland Security	150/up SUNY Gen. Ed.	TRS 094 with a grade of C or better, or MCC Level 4 Mathematics Placement
EM04	Cert	Homeland Security	None	Placement at MCC Math Level 4 or above
HM01	AAS	Hospitality Management	104/130/160/165/up	Algebra (1 year high school math or placement into Level 3 TRS 094 or MTH 130 or higher)
HM10	Cert	Hotel Management	None	Placement into TRS 094 or MTH 130 or higher
IT01	AS	Information Technology	160,172	Intermediate Algebra with Trigonometry (or MTH 104 at MCC)
IN01	AAS	Information & Network Technology	140/165/up	Algebra (1 year high school math or placement into Level 5 Math at MCC)
LE02	Cert	Law Enforcement	None	None
LA04	AS	Lib. Arts & Sci. - Gen. Studies	150/up	Algebra (1 year high school math or placement into Level 4 Math at MCC)
LA10	AS	Lib. Arts & Sci. - General Studies - Nutrition	160, 165/up	Regents Course III or Math B or Algebra II with Trigonometry with a 75 or higher or MTH 104/140 or placement into Math Level 8 at MCC
MT01	AAS	Mechanical Technology	(140,141)/(165/up,175/up)	Intermediate Algebra with Trigonometry (or MTH 104 at MCC)
AI02	Cert	Mechatronics	140	None
OF02	AAS	Office Technology: Office Administrative Assistant	130/up	Algebra (1 year high school math or placement into Level 3 Math at MCC)
OF06	Cert	Office Technology: Medical Office Assistant	130	Algebra (1 year high school math or placement into Level 3 Math at MCC)
OT01	AAS	Optical Systems Technology	(140,141,175)/(165,175,210/up)	Intermediate Algebra with Trigonometry (or MTH 104 at MCC)
OT02	Cert	Optical Systems Technology	140/up (not 150/155/156)	Intermediate Algebra with Trigonometry (or MTH 104 at MCC)
EM01	AAS	Paramedic	150/up	Elementary Algebra with Geometry (or MTH 098 at MCC)
EM05	Cert	Paramedic Certificate	None	None
PM01	AAS	Precision Machining	104/140/141/160/up (+NS&M)	Elementary Algebra with Geometry (or MTH 098 at MCC). (It is recommended that students have a minimum of 2 years of high school math or place at MTH 104 or higher prior to enrolling in this program.)
PM02	Cert	Precision Machining	None	Elementary Algebra with Geometry (or MTH 098 at MCC)
PM04	Cert	Prec. Mach.- Optical Fabrication	None	Algebra (1 year high school math or placement into Level 4 Math at MCC)
PS01	AAS	Public Safety Communications	104/135/140/141/150/160/up	Recommend high school course in math
ST02	Cert	Solar Thermal Technology	135	Elementary Algebra with Geometry (or MTH 098 at MCC)
HM11	Cert	Travel and Tourism	None	Pre-Algebra (1 year high school math or placement into Level 3 (TRS 094 or MTH 130) or higher)

Key: NS&M means any 3-4 credit natural sciences or mathematics elective. A comma means "and". A slash means "or". So 160,165/up means MTH 160 and MTH 165 (or higher).