Dear Student,

The Mt. SAC Mathematics and Computer Science Department is excited to announce some major changes to our placement system and math course offerings. These changes are likely to provide you with faster access to transfer level courses and offer you the option of corequisite support courses. Our new system will offer recommendations as to which math classes you will need based on your educational and career goals. Read on for more details!

Changes to Math Placement System

Beginning Summer 2019, all students will be eligible for Math 50, Math 51, Math 71, Math 100, Math 110, Math 120, Math 130, and Math 150. We hope this new eligibility will allow you an opportunity to complete your math requirements more quickly and achieve your educational goals at Mt. SAC.

After we have finished implementing the changes to our placement system (anticipated early April), you will be able to take the updated Assessment Questionnaire (AQ) at www.mtsac.edu/aq. The new AQ will also offer extra guidance and recommendations about which math classes you should take based on your goals at Mt. SAC.

In the meantime, we strongly recommend that you continue taking math during the Spring 2019 semester to be better prepared for your transfer-level math class(es). Set yourself up for success with strong preparation.

Math Corequisite Courses

As a reminder, we will continue to offer 2-unit corequisite courses to support Math 51, Math 71, Math 130, and Math 180 (however, starting Summer 2019 there will no longer be an option to jump a course by enrolling in a corequisite class). In a corequisite class, the instructor provides just-in-time support that focuses on essential skills needed for success in the target class. Corequisite courses are a good option if you are a student repeating a math class, a student who struggles with math, or a student who has not taken a math class in over a year. The course numbers for these corequisite courses are shown below.

Math Course	Corequisite Support Course
Math 51 (4 units)	Math 5 (2 units)
Math 71 (5 units)	Math 7 (2 units)
Math 130 (4 units)	Math 13 (2 units)
Math 180 (4 units)	Math 18 (2 units)

To find corequisite courses in the Schedule of Classes, look for the corequisite icon . You can also search online for corequisite courses by selecting "Math Corequisites" in the special class type field. For easy reference, we have included the current list of math corequisite offerings for Spring 2019 on page 3 of this document.

The Math Department is also excited to announce the release of four new corequisite courses (Math 13, Math 14, Math 15, and Math 16). Starting Fall 2019, students will be able to obtain additional support for Statistics (Math 110 + Math 11 or Math 110S), Business Calculus (Math 140 + Math 14), Trigonometry (Math 150 + Math 15), and Precalculus (Math 160 + Math 16). Our updated course flow chart on page 4 shows all of the math courses that we will offer starting Fall 2019.

If you would like additional information about our current math corequisite options, please see your instructor for a brochure. You can also visit the corequisite website www.mtsac.edu/math/corequisite or e-mail your questions to mathcoreq@mtsac.edu.

Changes to Math Course Offerings

Beginning Summer 2019, we will no longer offer the following math courses: Math 51A, Math 51B, Math 61, Math 70S, and Math 71X. The table below shows the number of sections that will be offered for each course going forward.

Math Course	Spring 2019	Summer 2019	Fall 2019
Math 51A*	0	0	0
Math 51B	1	0	0
Math 61**	2	0	0
Math 70S***	4	0	0
Math 71X	1	0	0

^{*} Students who did not pass Math 51A are encouraged to enroll in Math 51 + Math 5 for the additional support it offers.

We hope you can help us share this information with other Mt. SAC students who might not be taking a Winter 2019 math class. Thank you for your time and don't forget that Spring 2019 registration begins on January 16th!

The Mathematics & Computer Science Department

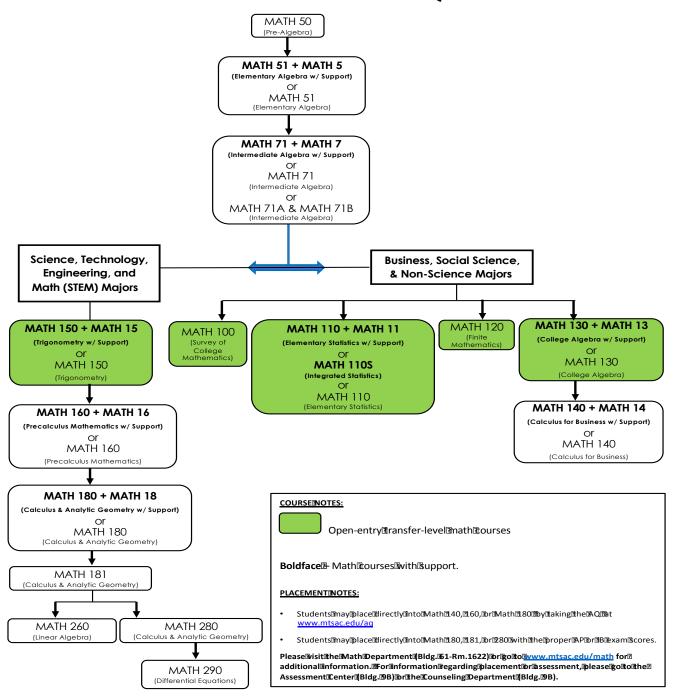
^{**} Please note that starting Summer 2019, Math 150 (Trigonometry) will no longer require Math 61 (Geometry) or equivalent. Math 61 will be offered during the Spring 2019 semester for those students who did not pass Math 61 during a previous attempt.

^{***} Starting Summer 2019, Math 110S (Integrated Statistics) will no longer require Math 70S (Integrated Algebra). Math 70S will be offered at Mt. SAC during the Spring 2019 semester for those students who did not pass Math 70S during a previous attempt.

Spring 2019 Math Corequisite Offerings

	MATH	EMATICS	. CONE	TO POLITE	CUURSES		i —				1ATH 13		
		MA	TH 51 + N	MATH 5			■ MA1	TH 130 — C	ollege Algeb	ra	Denree	Applicable	4.0 Units
		mentary Alg			Not Degree A	4.0 Units Applicable			TH 71 or MAT abra course.	H 71B or a	_		, 000, 00
		n 50 or approurse in algel		acement			■ MAT	TH 13 — Es	sential Topic	s from Int			2.0 Units
MAT	TH 5 — Esse	ntial Topics	from Pre		Not Degree A	2.0 Units			Pass/No Pas	s Only)	No	ot Degree A	Applicable
/lay b	e taken for	Pass/No Pas	ss Only)					<i>iisite: MA1</i> auisite cou	r <i>H 130</i> Irse designed	to supple	ment interme	diate alget	bra topics
	risite: MATI		to eupple	mont pro-	lgebra topic	hohoon s	needed	for succe	ss in College	Algebra (I	Math 130).	_	
		nentary Alge			ilgabia topic	s iree ue u			s listed in this to students v				
ption	is available	to students v	with Math	50 eligibili	orequisites. Iy who want l	to bypass	Math 7	T and stude	ents with Mat oport. To regis	h 130 eligi	bility who fee	I they can l	be ne fit
					elthey can b enter both CR		40000	T.T.		H 130 + M			61 2210
		MA	TH51+M	IATH 5	ontor both on		42232 42699		7:30 am - 7:30 am -	9:35 am 9:35 am	Takashima, Takashima,	¦ထ	61-2310 61-2310
2154	TTh T	8:30am - 10:45am -	10:35am		ဖ	61-2306 61-2306			MAT	'H 130 + M	IATH 13		
007		MA	TH51+M	IATH 5		0. 2000	42233	TWTh M	8:00 am - 7:30 am -	9:15 am 9:35 am	Wakefield, Wakefield,	ဏ	61-3306 61-3306
159 398	MW	10:45am -	12:50pm	Summers Summer,	္က္ကတ္	61-2406 61-2406			MAT	H 130 + M	IATH 13		
330			TH 51 + M		IVI	01-2400	42236				Summers, N Summers, N		61-2406 61-2406
	TTh Th		3:05pm 5:20pm		ത	61-2406 61-2406				H 130 + M	-		
+00	""	-	3.20pm			01-2400	42238		9:45 am - 9:45 am -			ထ	61-3315 61-3315
	TTh		6:35pm		ത	61-2302	12702	•		H 130 + M			01 0010
399	1		4:20pm			61-2302	42240 42701				Takashima, Takashima,		61-2310
		MA	TH 71 + N	1ATH 7			42/01	W		H 130 + M	-		01-2310
											Diame II		C4 0444
MAT	'H 71 — Inte	ermediate Al	lge bra		Dogram	5.0 Units	42290		4:30pm -			യ	
			-	ap prop ri ate	-	5.0 Units Applicable	42290 42703		3:00 pm -	4:05 pm	Rivas, K	ထ	
e <i>re q</i>	uisite: MA1 Is concepts	TH 51 or MAT from elemen	TH 51B or a		-	Applicable			3:00 pm -		Rivas, K	ထ	
re re q xtend	uisite: MA1 Is concepts	TH 51 or MAT	TH 51B or a		placement.	Applicable	42703	MW	3:00 pm -	4:05 pm H 180 + N	Rivas, K IATH 18 eometry		
re re q ctend	uisite: MA1 Is concepts a-level math	TH 51 or MAT from elemen	TH 51B or a ntary algeb irses.	bra to prep	placement. are students	Applicable	42703 ■ MA1	MW TH 180 — C	3:00 pm - MATI alculus and A	4:05 pm H 180 + N Analytic G	Rivas, K IATH 18 cometry Degree	Applicable	61-2414 4.0 Units
rerequixtend	uisite: MA1 Is concepts e-level math TH7 — Esse	TH 51 or MATA from elemen ematics cou ntial Topics	TH 51B or a ntary algeb irses.	bra to prep nentary Alg	placement. are students	Applicable for 2.0 Units	42703 ■ MAT	MW TH 180 — C	3:00 pm -	4:05 pm H 180 + N Analytic G	Rivas, K IATH 18 cometry Degree lacement		61-2414 4.0 Units
rereq xtend ollege I MAT Vlay b	uisite: MAT ls concepts a-level math TH7 — Esse e taken for	TH 51 or MAT from elemen ematics cou ntial Topics Pass/No Pas	TH 51B or a ntary algeb irses.	bra to prep nentary Alg	placement. are students gebra	Applicable for 2.0 Units	# MAT Prereq Differe	MW TH 180 — C uisite: MA ntial and in	3:00 pm - MATI alculus and A TH 160 or app ntegral calcul	4:05 pm H 180 + N Analytic G ropriate p us with ap	Rivas, K IATH 18 cometry Degree lacement oplications.		61-2414 4.0 Units a, CSU, UC
rerequixtend ollege I MAT vlay b orequi	uisite: MA1 ls concepts a-level math TH7 — Esse the taken for l risite: MATI uisite course	TH 51 or MATI from elementematics countial Topics Pass/No Pass H 71	TH 51B or a ntary algel irses. from Elen ss Only)	nentary Alg	p placement. are students gebra Not Degree A	for 2.0 Units Applicable	# MAT Prereq Differe	MW TH 180 — C uisite: MA ntial and in	3:00 pm - MATI alculus and A TH 160 orapp	4:05 pm H 180 + N Analytic G ropriate p us with ap	A Rivas, K MATH 18 eometry Degree placement oplications.		4.0 Units c, CSU, UC
rerequixtend ollege I MAT Vlay b corequi e ed ed	uisite: MA1 Is concepts a-level math IH 7 — Esse te taken for l risite: MA71 ilsite course If for succes	rH 51 or MATI from elementematics countial Topics Pass/No Pass H 71 elessigned to s in Intermed	TH 51B or a ntary algel arses. from Elen ass Only) o supplementate Alge	nentary Alg entelemen ebra (MATE	placement. are students gebra Not Degree A stary algebra	Applicable for 2.0 Units Applicable topics	■ MA1 Prereq Differe ■ MA1 (May b	MW TH 180 — C uisite: MA ential and in TH 18 — Es: e taken for	3:00 pm - MATI alculus and A TH 160 or app ntegral calcul sential Topic: Pass/No Pas	4:05 pm H 180 + N Analytic G ropriate p us with ap	A Rivas, K MATH 18 eometry Degree placement oplications.	Applicable	4.0 Units c, CSU, UC
Pre re qui xtend olle ge I MAT May b core qui core qui e ed ed	uisite: MAT Is concepts -level math TH7 — Esse te taken for thisite: MATI disite course If for succes The classes	rH 51 or MATE from elementematics countial Topics Pass/No Pass H 71 el designed to s in Intermedatisted in this	TH 51B or a ntary algel arses. from Elen as Only) o supplement diate Algel as section a	nentary Alg ent elemen ebra (MATH are linked c	p placement. are students gebra Not Degree A	Applicable for 2.0 Units Applicable topics This	# MA1 Prereq Differe MA1 (May b	MW TH 180 — C uisite: MA Intial and in TH 18 — Es: e taken for nisite: MA	3:00 pm - MATI alculus and A TH 160 or app ntegral calculus sential Topic: Pass/No Pas TH 180	4:05 pm H 180 + N Analytic G ropriate p us with ap s from Pre	Rivas, K MATH 18 cometry Degree clacement optications. ccalculus	Applicable ot Degree A	4.0 Units a, CSU, UC 2.0 Units
rerequixtend ollege I MAT May b corequi e ed ed lotte: ption Math 5	uisite: MA1 Is concepts a-level math IH 7 — Esse taken for lisite: MATI aisite course If for succes The classes is available If and stude	TH 51 or MATh from elementematics countial Topics Pass/No Pass H 71 elesigned to s in Intermed to students with Math	TH 51B or a ntary algel urses. Inform Elem as Only) o supplementiate Alge s section a with Math th 71 eligib	nentary Alg ent elemen abra (MATH are linked c 51 eligibilit vility who fe	placement. are students gebra Not Degree A stary algebra 171). orequisites. y who want tel they can b	Applicable for 2.0 Units Applicable topics This to bypass enefit	# MA1 Prereq Differe MA1 (May b Corequ A core	MW TH 180 — C wisite: MA In tial and in TH 18 — Es: e taken for visite: MAI quisite cou	3:00 pm - MATI alculus and A TH 160 or app ntegral calcul sential Topic: Pass/No Pas	4:05 pm H 180 + N Analytic G ropriate p us with ap s from Pre s Only}	Rivas, K IATH 18 eometry Degree clacement oplications. No	Applicable of Degree A	4.0 Units a, CSU, UC 2.0 Units
Prerequent of the control of the con	uisite: MA1 Is concepts a-level math IH 7 — Esse taken for lisite: MATI aisite course If for succes The classes is available If and stude	TH 51 or MATh from elementematics countial Topics Pass/No Pass H 71 dedesigned to s in Intermed this to students with Mathort. To regis	TH 51B or a ntary algel urses. Inform Elem as Only) o supplementiate Alge s section a with Math th 71 eligib	nentary Alg ent elemen ebra (MATH ere linked c 51 eligibilit vility who fe vill need to	placement. are students gebra Not Degree J stary algebra 171). orequisites. y who want t	Applicable for 2.0 Units Applicable topics This to bypass enefit	MAT Prereq Differe MAT (May b Corequ A core succes NOTE:	MW TH 180 — C uisite: MA ntial and ir TH 18 — Es: e taken for uisite: MAI quisite cou s in Calcul The classe	3:00 pm - MATI alculus and A TH 160 or app ntegral calcul sential Topic: Pass/No Pas TH 180 rrse designed us and Analy is listed in this	4:05 pm H 180 + N Analytic G ropriate p us with ap s from Pro s Only) to review tic Geome s section a	Rives, K IATH 18 cometry Degree lacement optications. coalculus precalculus try (Math 186 are linked core	Applicable of Degree A	4.0 Units b, CS U, UC 2.0 Units Applicable ded for This
Prerequixtend of the period of	uisite: MA1 is concepts a-level math TH7 — Esse e taken for nisite: MA1 is it course if for succes The classes is available if and stude the extra supp	TH 51 or MAT. from elementematics countial Topics Pass/No Pass 171 es in Intermediate of the thick to students with Mat. To regiss MA 7:00am -	TH 51B or a ntary algel urses. If rom Elements on the second of the second a with Math the 171 eligible ster, you w.TH71+M 9:35am	mentary Alq mentary Alq ment elemene bra (MATH are linked c 51 eligibilit ility who fe milline ed to lATH 7 Rivers, D	placement. are students gebra Not Degree A stary algebra 171). orequisites. y who want tel they can b	Applicable for 2.0 Units Applicable topics This to bypass enefit tNs. 61-3414	# MAT Prereq Differe MAT (May b Corequ A core succes NOTE: option	MW TH 180 — C uisite: MA Intial and in TH 18 — Es: e taken for uisite: MAI quisite cou is in Calcul The classe is available	MATI alculus and A ITH 160 or app ntegral calculus sential Topic: Pass/No Pas ITH 180	4:05 pm H 180 + N Analytic G ropriate p us with ap s from Pre s Only} to review tic Geome s section a with Math	Rives, K IATH 18 cometry Degree lacement oplications. calculus Precalculus try (Math 186 tre linked core 160 eligibility	Applicable of Degree A topics need	4.0 Units b, CS U, UC 2.0 Units Applicable ded for This to bypass
vere equal to the control of the con	uisite: MA1 is concepts a-level math TH7 — Esse e taken for nisite: MA1 is it course if for succes The classes is available if and stude the extra supp	TH 51 or MATh from elemen ematics cou ntial Topics Pass/No Pas H 71 edesigned to s in Intermed listed in this to students with Mat port. To regis MA 7:00am - 7:30am -	TH 51B or a stary algel arses. If rom Elen as Only be supplemediate Alge as section a with Math th 71 eligib ster, you w. TT+71+M 9:35am 9:35am	mentary Algorithms and the second of the sec	placement. are students gebra Not Degree A stary algebra 171). y who want tel they can be enter both CR	Applicable 2.0 Units Applicable topics This to bypass enefit N/s.	# MAI Prereq Differe MAI (May b Corequ A core succes NOTE: Option Math 1	MW TH 180 — C uisite: MA th 18 — Es: e taken for uisite: MAI quisite cou s in Calcul The Classe is available 60 and stu	MATI alculus and A ITH 160 or app nt egral calculus sential Topic: Pass/No Pas ITH 180	4:05 pm H 180 + N Analytic G ropriate p us with ap s from Pre s Only) to review tic Geome s section a with Math tht 180 elip ter, you w	Rivas, K IATH 18 eometry Degree clacement oplications. recalculus try (Math 180 ore linked core in life eighbility gibility who fe iill need to entitle	Applicable of Degree A topics need)). equisites. who want	4.0 Units c, CSU, UC 2.0 Units Applicable ded for This to bypass h benefit
rerequipment of the control of the c	uisite: MA1 Is concepts a-level math TH7 — Esse the taken for inisite: MATI uisite: MATI uisite: course if for succes The classes is available If and stude the extra supp TTh W MW	TH 51 or MATh from elemen ematics cou initial Topics Pass/No Pas H 71 e designed to s in Intermen to students v ints with Mat bort. To regis MA 7:00am 7:30am 9:45am 9:45am	TH 51B or a stary algel arses. If from Elen as Only a supplem diate Alge as section a with Math th 71 eligib ster, you w.TH 71 + M 9:35am 9:35am TH 71 + M 12:20pm	mentary Algorial Market element elemen	placement. are students gebra Not Degree A stary algebra 171). y who want the lithey can be enter both CE	Applicable 2.0 Units Applicable topics This to bypass enefit NS. 61-3414 61-3414 61-3418	# MAI Prereq Differe MAI (May b Corequ A core succes NOTE: Option Math 1	MW TH 180 — C uisite: MA Intial and in TH 18 — Es e taken for uisite: MA quisite cou s in Calcul The classe is available for and stunce e extra sup	MATI alculus and A ITH 160 or app nt egral calculus sential Topic: Pass/No Pas ITH 180	4:05 pm H 180 + N Analytic G ropriate p us with ap s from Pre s Only) to review tic Geome s section a with Math the 180 elig ter, you w H 180 + M	Rivas, K IATH 18 cometry Degree lacement oplications. calculus precalculus l try (Math 180 are linked core 160 eligibility who fe iill need to ent IATH 18	Applicable of Degree A topics need)). guisites. who want helthey can ter both CR	4.0 Units a, CSU, UC 2.0 Units applicable ded for This to bypass a benefit NNs
rerequest end of lege state of the state of	uisite: MA1 Is concepts a-level math TH7 — Esse the taken for inisite: MATI uisite: MATI uisite: course if for succes The classes is available If and stude the extra supp TTh W MW	rth 51 or MAT. from elemen ematics cou ntial Topics Pass/No Pass 4 71 e designed to s in Intermed tisted in this to students v nort. To regis MA 7:00am - 7:30am - 7:30am - 9:45am - 9:45am -	TH 51B or an tary algel urses. If rom Elem is Sonly) In supplement diate Alge is section a with Math th 11 eligible better, you with 11 + M 9:35am 11:50am 11:50am	mentary Algorian in the lemen shra (MATH are linked color linked to the latter of the	placement. are students gebra Not Degree A stary algebra 171). y who want tel they can be enter both CR	Applicable for 2.0 Units Applicable topics This to bypass enefit tNs. 61-3414 61-3414	# MAT Prereq Differe MAT (May b Corequ A core succes NOTE: option Math 1 from th	MW TH 180 — C uisite: MA ntial and in TH 18 — Es: e taken for uisite: MAI quisite cou s in Calcul The classe is available 60 and sture e extra sup MW	MATI alculus and A ITH 160 or app ntegral calcul sential Topic: Pass/No Pas ITH 180 orse designed us and Analyls to tostudents vi dents with Ma apport. To regis MAT 10:45 am - 1:15 pm -	4:05 pm H 180 + N Analytic G ropriate p us with ap s from Pre s Only) to review tic Geome s section a with Math htt 180 elig ter, you w H 180 + M 12:50 pm 2:20 pm	Rivas, K IATH 18 eometry Degree clacement oplications. recalculus No reprecalculus ref linked come 160 eligibility who fe ill need to ent IATH 18 Birca, A Birca, A	Applicable of Degree A topics need)). equisites. who want	4.0 Units a, CSU, UC 2.0 Units Applicable ded for This to bypass n benefit NS 61-2419
ere que de	uisite: MA1 Is concepts a-level math IH 7 — Esse e taken for lisite: MA7 uisite course if for succes The classes is available If and stude e extra sup; ITh W MW F TTh	TH 51 or MAT. from elementematics countial Topics Pass/No Pass H 71 designed to sin Intermedisted in this to students with Mat boot. To regist MA 7:00am - 7:30am - MA 9:45am - 9:45am -	TH 51B or a stary algel arses. If from Elen as Sonly be supplemediate Alge as section a with Math that 71 eligib ster, you w. TTH71+M 12:35am ITH71+M 12:20pm 11:50am ITH71+M 12:20pm	mentary Algorithms and a service of the service of	placement. are students gebra Not Degree A stary algebra 171}. orequisites. ye who want teel they can be enter both CR	Applicable for 2.0 Units Applicable topics This o bypass enefit INS. 61-3414 61-3418 61-3418 61-3418	■ MAT Prereq Differe ■ MAT (May b Corequ A core succes NOTE: option Math 1 from th 42261 42881	MW TH 180 — C uisite: MA th 18 — Es: e takenfor uisite: MAI quisite cou s in Calcul The classe 60 and stu e extra sup MW MW	MATI alculus and A ITH 160 or app nt egral calcul sential Topic: Pass/No Pas ITH 180 arse designed us and Analyt is listed in this a dents with Ma port. To regis MAT 10:45 am 1:15 pm MAT	4:05 pm H 180 + N Analytic G ropriate p us with ap us with ap to review tic Geome s section a with Math with Math tith 180 + M 12:50 pm 2:20 pm H 180 + M	Rivas, K IATH 18 eometry Degree clacement oplications. Precalculus Intry (Math 180 one linked core inflo eligibility gibility who fe iill need to ent IATH 18 Birca, A Birca, A IATH 18	Applicable of Degree A topics need)), equisites. who want hel they can ter both CR	4.0 Units b, CSU, UC 2.0 Units Applicable ded for This to bypass n benefit RNs 61-2419 61-2419
ere qualities of the state of t	uisite: MA1 Is concepts a-level math IH 7 — Esse e taken for lisite: MA7 uisite course if for succes The classes is available If and stude e extra sup; ITh W MW F TTh	rth 51 or MATh from elemen nematics cou ntial Topics Pass/No Pas H 71 a designed to s in Intermed listed in this to students with Mat port. To regis MA 7:00am - 7:30am - 9:45am - 9:45am - 9:45am -	TH 51B or a stary algel arses. In from Elen as Sonly be supplemediate Alges as section a with Math th 71 eligib ster, you w. TH 71 + M 12:20pm 11:50am 11:50am 11:50am 11:50am	ent elemen sbra (MATH area (MATH area (MATH area (MATH arill need to (ATH 7 Rivers, D Rivers, D (ATH 7 Sun, C Sun, C 1ATH 7 Sun, C Sun, C 1ATH 7 Rivers, D Rivers, D	placement. are students gebra Not Degree A stary algebra 171). y who want the lithey can be enter both CE	Applicable for 2.0 Units Applicable topics This to bypass enefit RNs. 61-3414 61-3414 61-3418	# MAI Prereq Differe MAI (May b Corequ A core succes NOTE: option Math 1 from th	MW TH 180 — C uisite: MA Intial and in TH 18 — Es: e taken for uisite: MAI quisite cou is in Calcul The classe is available do and sture e extra sup MW MW TTh	MATI alculus and A ITH 160 or app ntegral calcul sential Topic: Pass/No Pas ITH 180 IT	4:05 pm H 180 + N Analytic G ropriate p us with ap us with ap to review tic Geome s section a with Math tht 180 + M 12:50 pm 2:20 pm H 180 + M 12:50 pm 12:50 pm	Rivas, K IATH 18 eometry Degree clacement oplications. recalculus No reprecalculus ref linked come 160 eligibility who fe ill need to ent IATH 18 Birca, A Birca, A	Applicable of Degree A topics need)). guisites. who want helthey can ter both CR	4.0 Units a, CSU, UC 2.0 Units Applicable ded for This to bypass to bypass 61-2419 61-2419
MAT May b prequ eded 0TE: 0tion th 2179 2406 2188 2407	is concepts a-level math the THT — Esse the taken for inisite: MATI this is course to for succes The classes is available to and stude the extra supp TTh W MW F	rth 51 or MAT. from elemen ematics cou intial Topics Pass/No Pass 471 e designed to s in Intermed itisted in this to students v ints with Mat 7:00am - 7:30am - 7:30am - 9:45am - 9:45am - 9:45am -	TH 51B or a stary algel arses. If from Elen as Sonly be supplemediate Alge as section a with Math that 71 eligib ster, you w. TTH71+M 12:35am ITH71+M 12:20pm 11:50am ITH71+M 12:20pm	mentary Algorithms and the second sec	placement. are students gebra Not Degree A stary algebra 171). y who want to the they can be anter both CR	Applicable for 2.0 Units Applicable topics This o bypass enefit INS. 61-3414 61-3418 61-3418 61-3418	MAT Prereq Differe MAT (May b Corequ A core succes NOTE: option Math 1 from th 42261 4281 42262 42879	MW TH 180 — C uisite: MA ntial and in TH 18 — Es: e taken for uisite: MAI quisite cou s in Calcul The classe is available 60 and sture e extra sup MW MW TTh TTh	MATI alculus and A TH 160 or app ntegral calcul sential Topic: Pass/No Pas TH 180 Pass/No Pas TH 180 In this to students with Ma apport. To regis MAT 10:45 am - 1:15 pm - MAT 10:45 am - 9:30 am - MAT MAT	4:05 pm H 180 + N Analytic G ropriate p us with ap s from Pre s Only) to review tic Geome s section a with Math the H 12:50 pm 2:20 pm H 180 + M 12:50 pm 10:35 am H 180 + M	Rivas, K IATH 18 cometry Degree lacement optications. calculus precalculus try (Math 180 are linked com 160 eigibility who fe dill need to ent IATH 18 Birca, A Birca, A Birca, A Birta, B Birta, A Birta, B Birta, A Birta, B Birta, A Birta, B B	Applicable of Degree A topics need by a guisites. If who want hel they can ter both CR	4.0 Units b. CSU, UC 2.0 Units Applicable ded for This to bypass to benefit tNs 61-2419 61-2419
MAT May b ore qu orequ orequ orequ and the first series of the fir	is concepts a-level math TH7 — Esse the taken for inisite: MATI taken for the classes is available The classes is available The classes th	Pass/No Pass/N	th tary algel urses. If rom Elen as Only be supplemediate Alge as section a with Math th 71 eligib as ser, you w.TH71+M 9:35am (TH71+M 12:20pm 11:50am (TH71+M 12:20pm 9:20am)	mentary Algorithms and the second of the sec	placement. are students gebra Not Degree A stary algebra 171}. orequisites. ye who want teel they can be enter both CR	Applicable for 2.0 Units Applicable topics This topypass enefit N/s. 61-3414 61-3418 61-3418 61-3414 61-3414	MAT Prereq Differe MAT (May b Corequ A core succes NOTE: option Math 1 from th 42261 42881	MW TH 180 — C uisite: MA th 18 — Es: e taken for uisite: MAI quisite cou sin Calcul The classe is available 60 and stuce MW MW TTh TTh	MATI alculus and A ITH 160 or app ntegral calcul sential Topic: Pass/No Pas ITH 180 orse designed us and Analyt se listed in this alculus with Ma oport. To regis MAT 10:45 am - 9:30 am - 9:30 am - 12:00 pm -	4:05 pm H 180 + N Analytic G ropriate p us with ap us with ap to review tic Geome s section a with Math H 180 + M 12:50 pm 12:50 pm H 180 + M 12:50 pm 10:35 am L 2:05 pm 2:05 pm 2:05 pm	Rivas, K AATH 18 cometry Degree lacement oplications. calculus precalculus try (Math 180 are linked core 160 eligibility who fe iill need to ent IATH 18 Birca, A Birca, A IATH 18 Morales, L Morales, L	Applicable of Degree A topics need)), equisites. who want hel they can ter both CR	4.0 Units b, CSU, UC 2.0 Units Applicable ded for This to bypass h benefit RNs 61-2419 61-2419 61-3410
ere quitend illege MAT lay b ore qui eded obten atth 5 ore th 179 406 187 408 188 407	uisite: MA1 Is concepts a-level math IH 7 — Esse e taken for lisite: MA7 uisite course If for succes The classes is available If and stude e extra supp ITTh W MW F TTh W WF	TH 51 or MATI from elemen nematics cou ntial Topics Pass/No Pass H 71 elesigned to sin Intermed listed in this to students with Mat roort. To regis MA 7:00am - 7:30am - MA 9:45am - 9:45am - 9:45am - 9:45am - 9:45am - MA 9:45am - MA 9:45am - MA	TH 51B or a stary algel arses. If rom Elen as Only be supplemed diate Alge as section a with Math that 71 eligib ster, you w. TTH71+M 12:20pm 11:50am TTH71+M 12:20pm 11:50am TTH71+M 12:20pm 11:50am TTH71+M 17:20pm 9:20am 17:171+M 17:171	mentary Algorithms and the second of the sec	placement. are students gebra Not Degree in stary algebra 171]. orequisites. y who want the lithey can be enter both CR	Applicable 2.0 Units Applicable topics This o bypass enefit NS. 61-3414 61-3418 61-3418 61-3414 61-3414 61-3410	■ MAT Prereq Differe ■ MAT (May b Corequ A core succes NOTE: option Math 1 from th 42261 42881 42262 42879	MW TH 180 — C uisite: MA Intial and in TH 18 — Es e takenfor uisite: MAI quisite cou is in Calcul The classe is available 60 and sture MW MW TTh TTh TTh	MATI alculus and A ITH 160 or app nt egral calculus sential Topic: Pass/No Pas ITH 180	4:05 pm H 180 + N Inalytic G ropriate p us with ap us with ap s from Pre s Only) to review tic Geome s section a with Math tht 180 + M 12:50 pm H 180 + M 12:50 pm 11:50 am H 180 + M	Rivas, K IATH 18 cometry Degree lacement oplications. calculus recalculus recalculus recalculus latry (Math 180 ore ligibility gibility who fe fill need to ent lath 18 Morales, L Morales, L Morales, L Beydler, D Beydler, D LATH 18	Applicable of Degree A topics need by a guisites. If who want hel they can ter both CR	4.0 Units a, CSU, UC 2.0 Units Applicable ded for This to bypass 61-2419 61-2419 61-2419 61-3410
ere que de	uisite: MA1 Is concepts a-level math IH 7 — Esse e taken for lisite: MA7 uisite course If for succes If he classes is available If and stude to extra supp ITTh W MW F TTh W WF MW MW MW MW MF MW	rth 51 or MATh from elemen ematics cou ntial Topics Pass/No Pas H 71 designed to sin Intermed listed in this to students with Mat roort. To regis MA 7:00am - 7:30am - 9:45am - 9:45am - 9:45am - 9:45am - 9:45am - 9:45am - MA 10:45am - MA	## 518 or a thary algel arses. If from Elen as Only) If supplem diate Alge as section a with Math th 71 eligib ster, you w 11:50am	mentary Algorithms and the second of the sec	placement. are students gebra Not Degree A stary algebra 171). y who want tel they can be enter both CR	Applicable for 2.0 Units Applicable topics This to bypass enefit RNs. 61-3414 61-3414 61-3418 61-3414 61-3414 61-3414 61-3414	MAT Prereq Differe MAT (May b Corequ A core succes NOTE: option Math 1 from th 42261 42881 42262 42879 42264 42880	MW TH 180 — C uisite: MA Intial and in TH 18 — Es e taken for uisite: MA quisite cou s in Calcul The classe is available do and stute e extra sup MW MW TTh TTh TTh MW	MATI alculus and A TH 160 or app ntegral calcul sential Topic: Pass/No Pas TH 180 urse designed us and Analytis listed in this to students with Ma apport. To regis 10:45 am - 1:15 pm - 1:200 pm - 10:45 pm - 10:45 pm - 10:45 pm -	4:05 pm H 180 + N Analytic G ropriate p us with ap us with ap to review tic Geome s section a with Math 12:50 pm 1:250 pm 1:250 pm H 180 + M 12:50 pm 1:50 pm 1:50 pm 1:50 pm	Rivas, K IATH 18 cometry Degree lacement oplications. calculus precalculus try (Math 180 are linked core 160 eligibility who fe iill need to ent IATH 18 Birca, A IATH 18 Beydler, D Beydler, D IATH 18 Birca, A	Applicable of Degree A topics need of the property of the prop	4.0 Units a, CSU, UC 2.0 Units applicable ded for This to bypass to bypass to Honefit to Second 1-2419 61-2419 61-3410 61-3410 61-3410
rereq. xtendollege I MAT May b oreque	is concepts a-level math is concepts a-level math is concepts a-level math is concept a taken for inisite: MATI is lister course if for succes The classes is available If and stude we extra supp ITh W MW F ITH W WF MF MW Th	rt 51 or MAT. from elemen ematics cou intial Topics Pass/No Pass 771 es in Intermed is in Intermed is isted in this to students with Mat roort. To regis MA 7:00am - 7:30am - 9:45am - 9:45am - 9:45am - 9:45am - 9:45am - 10:45am - MA 10:45am - MA 10:45am - MA	th 18 or an tary algel urses. If rom Elements on the second of the secon	mentary Ala mentar	placement. are students gebra Not Degree A stary algebra 171). y who want tel they can be enter both CR	Applicable for 2.0 Units Applicable topics This to bypass enefit RNs. 61-3414 61-3418 61-3414 61-3414 61-3410 61-3410 61-3310 61-3310	### MAT Prereq	MW TH 180 — C uisite: MA th 18 — Es: e taken for uisite: MAI quisite cou sin Calcul The classe is available 60 and stuce where MW MW TTh TTh TTh TTh MW MW	3:00 pm - MATI alculus and A ITH 160 or app nt egral calcul sential Topic: Pass/No Pas ITH 180 Pass/No Pas ITH 180 Pass/No Pas ITH 180 ITH 180	4:05 pm H 180 + N Analytic G ropriate p us with ap us with ap to review tic Geome s section a with Math 12:50 pm 1:250 pm 1:250 pm H 180 + M 12:50 pm 1:50 pm 1:50 pm 1:50 pm	Rivas, K IATH 18 eometry Degree clacement optications. recalculus No reprecalculus No reprecalcul	Applicable of Degree A topics need of a paying the services of	4.0 Units b, CSU, UC 2.0 Units Applicable ded for This to bypass n benefit RNs 61-2419 61-2419 61-3410 61-3410 61-2419
max May be or equipment of the control of the contr	uisite: MA1 Is concepts a-level math TH7 — Esse the taken for thisite: MA7 uisite course The classes is available of and stude the extra supp TTh W MW F TTh W MF TTh TThF	rt 51 or MAT. from elemen ematics cou ntial Topics Pass/No Pass 77 element of the second of the seco	## 518 or a ntary algel urses. If rom Elen (ss Only) or supplemed diate Alge (ss section a with Math th 71 eligib (ster, you w. TH71+M 12:20pm 11:50am (TH71+M 12:20pm 9:20am (TH71+M 12:20pm 11:50bm (TH71+M 12:20pm 11:50bm (TH71+M 12:20pm 11:50bm (TH71+M 12:20pm 11:20pm 11:20pm (TH71+M 11:250pm (TH71+M 11:250pm (TH71+M 11:250pm (TH71+M 11:05pm (TH7	mentary Algorithms and the second sec	placement. are students gebra Not Degree in stary algebra are students very algebra are students very who want the lithey can be senter both CR	Applicable for 2.0 Units Applicable topics This o bypass enefit tNs. 61-3414 61-3418 61-3418 61-3414 61-2410 61-2410 61-3310	### MAT MAT Prereq Differe MAT (May b Corequant A core success NOTE: option Math 1 from the 42261 42881 42262 42879 42264 42880 42875 42882 42876 42876	MW TH 180 — C uisite: MA ntial and ir TH 18 — Es: e takenfor iisite: MAI quisite cou sin Calcul The classe is available 60 and stuce MW MW TTh TTh TTh TTh MW MW MW MW	MATI alculus and A ITH 160 or app nt egral calculus sential Topic: Pass/No Pas ITH 180	4:05 pm H 180 + N Inalytic G Inalytic Inalytic G Inalyt	Rivas, K IATH 18 cometry Degree lacement oplications. calculus re inked core life and inked core life	Applicable of Degree A topics need of the property of the prop	4.0 Units a, CS U, UC 2.0 Units Applicable ded for This to bypass 61-2419 61-2419 61-2419 61-3410 61-2419 61-2419 61-2419 61-2419
rerequivatend of legeral way be with a second of legeral way be of legeral ways be with a second of	is concepts a-level math is concepts a-level math is concepts a-level math is concepts be taken for initiate: MATI initiate: M	rth 51 or MAT. from elemen ematics cou intial Topics Pass/No Pass 77 71 87 87 87 87 87 87 87 87 87 87 87 87 87	## 518 or a ntary algel urses. If rom Elem is Sonly) In supplement diate Alge is section a with Math th 71 eligible ster, you with 71 eligible ster, you with 71 + M 12:20pm 11:50am it 12:20pm 12:20pm 12:50pm 12:50pm 12:50pm 12:50pm 12:50pm 12:50pm 12:50pm 12:50pm 13:05pm 13:0	mentary Algorithms and the second of the sec	placement. are students gebra Not Degree in stary algebra are students very algebra are students very who want the lithey can be senter both CR	Applicable for 2.0 Units Applicable topics This topics This topyass enefit tNs. 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414	### MAT Prereq	MW TH 180 — C uisite: MA ntial and ir TH 18 — Es: e takenfor iisite: MAI quisite cou sin Calcul The classe is available 60 and stuce MW MW TTh TTh TTh TTh MW MW MW MW	MATI alculus and A ITH 160 or app nt egral calculus sential Topic: Pass/No Pas ITH 180	4:05 pm H 180 + N Inalytic G Inalytic Inalytic G Inalyt	Rivas, K IATH 18 eometry Degree clacement oplications. recalculus Precalculus Intry (Math 180 ore linked core life eligibility who fe fill need to ent IATH 18 Birca, A Birca, A Bath 18 Beydler, D Beydler, D Beydler, D IATH 18 Birca, A Birca, A Bath 18 Birca, A BATH 18 Beydler, D Beydler, D Beydler, D Beydler, D Beydler, A Birca, A	Applicable of Degree A topics need of a paying the services of	4.0 Units a, CSU, UC 2.0 Units Applicable ded for This to bypass n benefit RNs 61-2419 61-2419 61-3410 61-3410 61-2419 61-2419
rereq. xtend blege MAT May b orequ orequ orequ orequ orequ orede OTE: ption fath 5 com th 2179 2406 2187 2408 21188 2407 2190 2192 2192 2410	is concepts a-level math is concepts a-level math is concepts a-level math is concept a taken for inisite: MATI is lister course if for succes The classes is available If and stude we extra supp ITh W MW F ITH W MF MW Th ITH ITH MW MW Th MW Th MW Th MW Th MW TM MW MW MW TM MW	rt 51 or MAT. from elemen ematics cou intial Topics Pass/No Pass 4 71 Pass/No Pass 4 71 a designed to is in Intermed is itsted in this to students v ints with Mat 7:00am - 7:30am - 9:45am - 9:45am - 9:45am - 9:45am - MA 9:45am - 10:45am - 10:45am - 11:30am - 11:5pm - MA 12:30pm -	## 518 or a nt ary algetures. If rom Elem is only on supplement is only on supplement is section a with Math third is section a with Math third is section a with Math 12:20pm 11:50am TH71 + M 12:20pm 12:50pm 12:50pm 12:50pm 12:50pm 12:50pm 12:50pm 12:50pm 13:50pm	mentary Algorithms and the second of the sec	placement. are students gebra Not Degree in stary algebra are students very algebra are students very who want the lithey can be senter both CR	Applicable for 2.0 Units Applicable topics This to bypass enefit PNs. 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3419 61-3419 61-3419 61-3418	### MAT MAT Prereq Differe MAT (May b Corequant A core success NOTE: option Math 1 from the 42261 42881 42262 42879 42264 42880 42875 42882 42876 42876	MW TH 180 — C uisite: MA ntial and ir TH 18 — Es: e takenfor iisite: MAI quisite cou sin Calcul The classe is available 60 and stuce MW MW TTh TTh TTh TTh MW MW MW MW	MATI alculus and A ITH 160 or app nt egral calculus sential Topic: Pass/No Pas ITH 180	4:05 pm H 180 + N Inalytic G Inalytic Inalytic G Inalyt	Rivas, K IATH 18 cometry Degree lacement oplications. calculus re inked core life and inked core life	Applicable of Degree A topics need of the property of the prop	4.0 Units a, CS U, UC 2.0 Units Applicable ded for This to bypass 61-2419 61-2419 61-2419 61-3410 61-2419 61-2419 61-2419 61-2419
max delibered with the second of the second	is concepts a-level math is concepts a-level math is concepts a-level math is concept a taken for inisite: MATI is lister course if for succes The classes is available If and stude we extra supp ITh W MW F ITH W MF MW Th ITH ITH MW MW Th MW Th MW Th MW Th MW TM MW MW MW TM MW	rt 51 or MAT. from elemen ematics cou intial Topics Pass/No Pass 4 71 a designed to s in Intermed it isted in this to students with Mat oort. To regis MA 7:00am - 7:30am - 9:45am - 9:45am - 9:45am - 9:45am - 10:45am - MA 10:45am - MA 11:30am - 11:15pm - MA 12:30pm - 12:30pm -	## 518 or a nt ary algetures. If rom Elem is only on supplement is only on supplement is section a with Math third is section a with Math third is section a with Math 12:20pm 11:50am TH71 + M 12:20pm 12:50pm 12:50pm 12:50pm 12:50pm 12:50pm 12:50pm 12:50pm 13:50pm	mentary Ala menta	placement. are students gebra Not Degree in stary algebra 171). y who want the lithey can be anter both CR	Applicable for 2.0 Units Applicable topics This topics This topyass enefit tNs. 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414 61-3414	### MAT MAT Prereq Differe MAT (May b Corequant A core success NOTE: option Math 1 from the 42261 42881 42262 42879 42264 42880 42875 42882 42876 42876	MW TH 180 — C uisite: MA ntial and ir TH 18 — Es: e takenfor iisite: MAI quisite cou sin Calcul The classe is available 60 and stuce MW MW TTh TTh TTh TTh MW MW MW MW	MATI alculus and A ITH 160 or app nt egral calculus sential Topic: Pass/No Pas ITH 180	4:05 pm H 180 + N Inalytic G Inalytic Inalytic G Inalyt	Rivas, K IATH 18 cometry Degree lacement oplications. calculus re inked core life and inked core life	Applicable of Degree A topics need of the property of the prop	4.0 Units a, CSU, UC 2.0 Units Applicable ded for This to bypass 61-2419 61-2419 61-2419 61-3410 61-2419 61-2419 61-2419
rerequixtend bllege MAT May be be required by be re	uisite: MAI Is concepts a-level math IH 7 — Esse e taken for lisite: MAII uisite course If for succes It has available If and stude e extra supp ITTh W MW F ITTh W MW Th ITTH ITTH ITTH ITTH ITTH ITTH ITTH I	TH 51 or MAT from elemen ematics cou ntial Topics Pass/No Pass H 71 edesigned to sin Intermed listed in this to students with Mat roort. To regis MA 7:00am - 7:30am - 9:45am - 9:45am - 9:45am - 9:45am - MA 10:45am - 10:45am - 11:5pm - MA 12:30pm - 12:30pm - 12:30pm -	## 518 or a thary algel arses. If rom Elen ss Only) If supplem diate Alge s section a with Math that I eligib ster, you w TH71+M 12:20pm 11:50am TH71+M 12:20pm 11:50am TH71+M 12:20pm 12:50pm TH71+M 13:05pm 2:35pm TH71+M 3:05pm 3:05pm TH71+M 3:05pm TH71+M 3:05pm	mentary Algorithms and the second of the sec	placement. are students gebra Not Degree in stary algebra 171 orequisites. y who want the little y can be enter both CR	Applicable for 2.0 Units Applicable topics This o bypass enefit tNs. 61-3414 61-3418 61-3418 61-3414 61-2410 61-3310 61-3310 61-3419 61-3418 61-3418 61-3418 61-3418 61-3418	### MAT MAT Prereq Differe MAT (May b Corequant A core success NOTE: option Math 1 from the 42261 42881 42262 42879 42264 42880 42875 42882 42876 42876	MW TH 180 — C uisite: MA ntial and ir TH 18 — Es: e takenfor iisite: MAI quisite cou sin Calcul The classe is available 60 and stuce MW MW TTh TTh TTh TTh MW MW MW MW	MATI alculus and A ITH 160 or app nt egral calculus sential Topic: Pass/No Pas ITH 180	4:05 pm H 180 + N Inalytic G Inalytic Inalytic G Inalyt	Rivas, K IATH 18 cometry Degree lacement oplications. calculus re inked core life and inked core life	Applicable of Degree A topics need of the property of the prop	4.0 Units a, CSU, UC 2.0 Units Applicable ded for This to bypass 61-2419 61-2419 61-2419 61-3410 61-2419 61-2419 61-2419
Prerequixtend for the present	uisite: MAI Is concepts a-level math IH 7 — Esse e taken for lisite: MAII uisite course If for succes It has available If and stude e extra supp ITTh W MW F ITTh W MW Th ITTH ITTH ITTH ITTH ITTH ITTH ITTH I	rt 51 or MAT. from elemen ematics cou ential Topics Pass/No Pass 77 designed to sin Intermed listed in this to students with Mat roort. To regis MA 7:00am - 7:30am - MA 9:45am - 9:45am - 9:45am - 8:15am - MA 10:45am - 10:45am - 10:45am - 10:45am - MA 11:30am - 1:15pm - MA 12:30pm - 12:30pm - MA	## 518 or a thary algel arses. If rom Elen ss Only) If supplem diate Alge s section a with Math that I eligib ster, you w TH71+M 12:20pm 11:50am TH71+M 12:20pm 11:50am TH71+M 12:20pm 12:50pm TH71+M 13:05pm 2:35pm TH71+M 3:05pm 3:05pm TH71+M 3:05pm TH71+M 3:05pm	mentary Algorithms and the second of the sec	placement. are students gebra Not Degree in stary algebra 171). y who want the lithey can be anter both CR	Applicable for 2.0 Units Applicable topics This to bypass enefit RNs. 61-3414 61-3418 61-3418 61-3414 61-3419 61-3419 61-3419 61-3419 61-3418	### MAT MAT Prereq Differe MAT (May b Corequant A core success NOTE: option Math 1 from the 42261 42881 42262 42879 42264 42880 42875 42882 42876 42876	MW TH 180 — C uisite: MA ntial and ir TH 18 — Es: e takenfor iisite: MAI quisite cou sin Calcul The classe is available 60 and stuce MW MW TTh TTh TTh TTh MW MW MW MW	MATI alculus and A ITH 160 or app nt egral calculus sential Topic: Pass/No Pas ITH 180	4:05 pm H 180 + N Inalytic G Inalytic Inalytic G Inalyt	Rivas, K IATH 18 cometry Degree lacement oplications. calculus re inked core life and inked core life	Applicable of Degree A topics need of the property of the prop	4.0 Unit a, CSU, U 2.0 Unit applicable ded for This to bypas to benefit and b

MATHEMATICS COURSE SEQUENCES



Mt. San Antonio College Math Department Course Flow Chart Effective Summer 2019