

Rowan University
Department of Mathematics
CALCULATOR POLICY
(revised Fall 2022)

Calculator requirements fall into three main categories within the Mathematics Department --

- (1) the TI-Nspire CAS for Precalculus, Calculus, and upper-level mathematics and statistics courses,
- (2) the TI-84 graphing calculator for lower-level mathematics and statistics courses, and
- (3) scientific calculators in a few mathematics courses.

See the tables below.

Two things must be noted first:

- (a) If you already own an expensive calculator, it may be that you can use that calculator.

Always email or speak with the professor of the course before you buy a new calculator.

- (b) If you are taking courses in two different categories, it may be that the calculator for the higher-level course can be used in the lower-level course. Check with your professors.

TI-NSPIRE CAS:

Category	Course No.	Course Name	Strongly Recommended Calculator	
1	MATH 01122	Precalculus	TI-Nspire CAS	
	MATH 01130	Calculus I	TI-Nspire CAS	
	MATH 01131	Calculus II	TI-Nspire CAS	
	MATH 01205	Tech Tools Disc Math	TI-Nspire CAS	
	MATH 01210	Linear Algebra	TI-Nspire CAS	
	MATH 01230	Calculus III	TI-Nspire CAS	
	MATH 01231	Ord Differential Eqs	TI-Nspire CAS	
	MATH 01232	Mathematical Modeling	TI-Nspire CAS	
	MATH 01235	Math Engr Analysis	TI-Nspire CAS	
	MATH 01310	College Geometry	TI-Nspire CAS	
	MATH 01330	Intro Real Analysis I	TI-Nspire CAS	
	MATH 01331	Intro Real Analysis II	TI-Nspire CAS	
	MATH 01332	Numerical Analysis	TI-Nspire CAS	
	MATH 01340	Modern Algebra I	TI-Nspire CAS	
	MATH 01341	Modern Algebra II	TI-Nspire CAS	
	MATH 01352	Theory of Numbers	TI-Nspire CAS	
	MATH 01354	Intro to Topology	TI-Nspire CAS	
	MATH 01361	Intro Real Cmplx Var	TI-Nspire CAS	
	MATH 01386	Intro Partial Diff Eqns	TI-Nspire CAS	
	MATH 01390	Math Research	TI-Nspire CAS	
	MATH 01410	History of Math	TI-Nspire CAS	
	MATH 01421	Math Field Experience	TI-Nspire CAS	
	MATH 01430	Intro Complex Analysis	TI-Nspire CAS	
	MATH 01497	Math Seminar Educ	TI-Nspire CAS	
	MATH 01498	Math Seminar non-Educ	TI-Nspire CAS	
	MATH 03400	Applications of Math	TI-Nspire CAS	
		MATH 01500 - 01533, 03511 - 03600	all graduate-level Math courses	TI-Nspire CAS

TI-NSPIRE CAS (continued):

Category	Course No.	Course Name	Strongly Recommended Calculator
1	STAT 02280	Biometry	TI-Nspire CAS
	STAT 02284	Stat for Biomed Sciences	TI-Nspire CAS
	STAT 02286	Prob Stat for ECE	TI-Nspire CAS
	STAT 02290	Prob Stat Inf Comp Sys	TI-Nspire CAS
	STAT 02311	Intro Stat Computing	TI-Nspire CAS
	STAT 02320	Concs Stat Data Analysis	TI-Nspire CAS
	STAT 02340	Elements Stat Learning	TI-Nspire CAS
	STAT 02350	Regression Analysis	TI-Nspire CAS
	STAT 02360	Prob & Random Vars	TI-Nspire CAS
	STAT 02361	Mathml Statistics	TI-Nspire CAS
	STAT 02371	Dsgn Analysis of Vars	TI-Nspire CAS
	STAT 02510	Intro Stat Data Analysis	TI-Nspire CAS
	STAT 02511	Statistical Computing	TI-Nspire CAS
	STAT 02513	Appl Stochastic Processes	TI-Nspire CAS
	STAT 02514	Decision Analysis	TI-Nspire CAS
	STAT 02515	Appl Multi Data Analys	TI-Nspire CAS
	STAT 02530	App Survival Analysis	TI-Nspire CAS
	STAT 02585	Intro Bayesian Stat Mth	TI-Nspire CAS
	MATH 01505	Prob & Math Statistics	TI-Nspire CAS
	MATH 03411	Determin Mdls Op Rsch	TI-Nspire CAS
	MATH 03412	Stochastic Mdls Op Rsch	TI-Nspire CAS
	MATH 03511	Operations Research I	TI-Nspire CAS
	MATH 03512	Operations Research II	TI-Nspire CAS

TI-84:

Category	Course No.	Course Name	Strongly Recommended Calculator
2	MATH 01115	Contemporary Math	TI-84
	MATH 01118	Quantitative Reasoning	TI-84
	MATH 01123	College Algebra	TI-84
	MATH 01124	Reasoning w Functions	TI-84
	MATH 01205	Tech Tools Disc Math	TI-84
	MATH 03125	Calculus T&A	TI-84
	MATH 03150	Discrete Math	TI-84
	MATH 03160	Discrete Structures	TI-84
	STAT 02100	Elem Statistics	TI-84
	STAT 02102	Statistical Literacy	TI-84
	STAT 02260	Statistics I	TI-84
	STAT 02261	Statistics II	TI-84
	STAT 02331	Appl Stat Analysis Healthcare	TI-84

Scientific:

Category	Course No.	Course Name	Strongly Recommended Calculator
3	MATH 01090	Found Math Reasoning	TI-30X IIS (Two-line Scientific)
	MATH 01202	Structures of Math I	TI-34 II Explorer Plus (Scientific plus Fraction)
	MATH 01204	Structures of Math II	TI-34 II Explorer Plus (Scientific plus Fraction)