# **Instructor: Sudha Kolathu Parambil**

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**Phone: 916-660-7961**

Office hour: Tuesdays 10-11 AM through [zoom](https://cccconfer.zoom.us/j/98045719683)

Communication: I will be communicating with you through CANVAS announcements, Inbox, e-mail, and Modules/weekly task.

**Corequisite:**

Concurrent enrollment in Math 42

**Credit Hours:** 2

## Description:

Just in time support option covering the core prerequisite skills, competencies, and concepts for Business Calculus. Intended for students who are concurrently enrolled in MATH 42. Topics include numeracy; computational skills; the vocabulary of algebra; simplification, manipulation and evaluation of expressions and functions; solving and graphing linear equations and inequalities in one and two variables; solving and graphing systems of equations in two variables; factoring; algebraic operations on polynomial and rational expressions. Recommended for students taking Math 42 with little or no recent algebra knowledge. (not degree applicable) (pass/no pass grading)

**Course Student Learning Outcomes:**

* Perform mathematical operations in the context of Business Calculus problems using manipulation and simplification of real numbers.
* Solve linear equations, inequalities and systems of equations as they relate to more complex and applied Business Calculus problems.
* Interpret and construct graphs of linear and quadratic equations and build upon this foundation of graphing knowledge to graph rational, root, exponential and logarithmic graphs in Business Calculus.
* Investigate individual attitudes towards mathematics and develop specific learning strategies, study techniques, and a fluency in mathematical communication.
* Identify and utilize campus mathematics and general academic services to improve chances for academic success as needed.

**Grading:**

Class participation/Discussion: 50%

Assignments: 50%

### **Design of this online class:**

Your weekly tasks are organized under “Modules” (tab on the left side). Please check each week’s module on CANVAS and work accordingly.

### **Special Accommodations:**

**If you are a student with a learning or physical disability or have special needs, please let me know as soon as possible what accommodations are needed. Also, please send me the documentation for the accommodation.**

**Please respect everyone in the classroom while communicating online.** [Please watch this video for more information.](https://apps.3cmediasolutions.org/oei/modules/communication/story/)

**Title IX Statement**: As an instructor, one of my responsibilities is to help create a safe learning environment for my students and for the campus as a whole. Under Title IX as a member of the college community, I have the responsibility to report any instances of sexual harassment, sexual or domestic violence, and/or other forms of prohibited discrimination. If you would rather share information about sexual harassment, sexual violence or discrimination to a confidential counseling employee who does not have this reporting responsibility, please let me know so that I can get you in contact with them. The “Confidential Employees” at Sierra College are: Elena Farrelly, Counselor, Rocklin Campus Stefanie Hopper, Counselor, Rocklin Campus Jennifer Alt, Dean of Student Services, Rocklin Campus Cheryl Axton, Counselor, Nevada County Campus Chris Old, Counselor, Tahoe Truckee Campus The District Title IX Officer at Sierra College is: Cameron Abbott, Title IX Coordinator, Rocklin Campus (916) 660-7119

**Disclaimer**: Any information on the syllabus is subject to change if the instructor finds it necessary. If there are any changes in this syllabus it will be posted on Canvas/announcements.