

$$\frac{d(e^{\sin x})}{dx}$$

$$\sum_{n=1}^{\infty} \frac{1}{3^n}$$

$$\frac{dy}{dx} = \frac{dy}{du} \cdot \frac{du}{dx}$$

$$\int_0^{\pi/2} \sin^2 x \, dx$$

$$\int \sqrt{2x+1} \, dx$$

CALCULUS JEOPARDY!

$$f'(x) = \lim_{h \rightarrow 0} \frac{f(x+h) - f(x)}{h}$$

$$e^x = 1 + x + \frac{x^2}{2!} + \dots$$

ORGANIZED BY THE

SOUTHEASTERN DEPARTMENT OF MATHEMATICS

The annual contest covers many aspects of
Calculus I (Math 200) and Calculus II (Math 201)

PRIZES!!

1st Place Team: \$450

2nd Place Team: \$405

3rd Place Team: \$360

Friday, April 29, 2022

10:00 a.m. – 1:00 p.m.

Fayard Hall 207

Registration: Each team must contain 3 participants. Please register teams, including names of 3 members, their email addresses and **telephone numbers**, by emailing to Dr. Tilak de Alwis at talwis@selu.edu. Registration is on a first-come first-served basis, and is limited to the first nine teams who sign up. After that, a waiting list will be made.

Registration Deadline: Monday, April 18, 5:30 p.m.

Event hosted by

Dr. Tilak de Alwis (talwis@selu.edu) & Dr. Dennis Merino (dmerino@selu.edu)