BRANDON UNIVERSITY

Academic Skills Centre

Free Math Workshops

Learn. Practise. Succeed.

SUPPORTING YOUR ACADEMIC JOURNEY



1 Intro to Statistics: Central Limit Theorem



Tuesday, November 17
12:40 – 1:30 pm
Room 1-53 BB

- Understand the idea of the sampling distribution
- Explore the Central Limit Theorem (CLT)
- Use the CLT to approximate probabilities
- Solve related problems

Appropriate for: Intro to Statistics (62-171).

2 Calculus 1: Derivatives

$$\frac{d}{dx}$$

Tuesday, November 24
12:40 – 1:30 pm
Room 1-53 BB

- Review the definition and meaning of the derivative
- Apply basic differentiation rules (power, sum, and constant multiple)
- Find derivatives of common functions
- Interpret the derivative in context

Appropriate for: Calculus 1 (62-181).

3 Intro to Statistics: Hypothesis Testing

$$H_0$$
$$H_1$$

Tuesday, December 1
12:40 – 1:30 pm
Room 1-53 BB

- Understand the idea and purpose of hypothesis testing
- Identify null and alternative hypotheses
- Use a test statistic and a significance level
- Make a conclusion in context

Appropriate for: Intro to Statistics (62-171).

4 Intro to Statistics: P-values

$$p$$

Tuesday, December 8
12:40 – 1:30 pm
Room 1-53 BB

- Understand what a p-value represents
- Find and interpret p-values in hypothesis tests
- Use the p-value to make a decision about a null hypothesis
- Interpret results in context

Appropriate for: Intro to Statistics (62-171).

Nicoleta Babutiu
Math Learning Skills Specialist
babutiun@brandonu.ca

Student Services
Room 102, A. E. McKenzie Building
204-727-9737

Your Success Matters Here.