



**BALL STATE**  
**UNIVERSITY**

---

# **Module 7 Overview & Checklist**

Analysis of Variance

---

Quinton Quagliano, M.S., C.S.P

Department of Educational Psychology

## Table of Contents

|          |  |          |
|----------|--|----------|
| <b>1</b> | <b>Learning Objective(s)</b>             | <b>2</b> |
| 1.1      | Textbook Learning Objectives . . . . .   | 2        |
| 1.2      | Instructor Learning Objectives . . . . . | 2        |
| <b>2</b> | <b>Assessments</b>                       | <b>2</b> |
| <b>3</b> | <b>Lecture(s) &amp; Participation</b>    | <b>2</b> |
| <b>4</b> | <b>Reading(s)</b>                        | <b>2</b> |
| <b>5</b> | <b>Homework &amp; Assignment(s) Due</b>  | <b>2</b> |
| <b>6</b> | <b>Looking Ahead</b>                     | <b>3</b> |

# 1 Learning Objective(s)

## 1.1 Textbook Learning Objectives

- Recognize central limit theorem problems.
- Classify continuous word problems by their distributions.
- Apply and interpret the central limit theorem for means.
- Apply and interpret the central limit theorem for sums.

## 1.2 Instructor Learning Objectives

- Recognize the prevalence and importance of the mean
- Understand how the central limit theorem contributes to the accuracy of statistics in representing/estimating parameters.

# 2 Assessments

☐

Quiz 6 on Module 6 Content on Canvas

# 3 Lecture(s) & Participation

☐

Watch Module 7 Lecture on Canvas and Take Notes

☐

Complete and Turn-in Module 7 Lecture Check-in on Canvas

# 4 Reading(s)

*Under "Readings" in Canvas Module*

☐

Read Chapter 7 of Textbook

# 5 Homework & Assignment(s) Due

*Under "Assignments" in Blackboard Module*

☐

Complete Practical Assignment II on Canvas

## 6 Looking Ahead



Midterm Conceptual Exam Next Week on Canvas