



**BALL STATE**  
**UNIVERSITY**

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# **Module 5 Overview & Checklist**

Analysis of Variance

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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 and understand continuous probability density functions in general.
- Recognize the uniform probability distribution and apply it appropriately.
- Recognize the exponential probability distribution and apply it appropriately.

### 1.2 Instructor Learning Objectives

- Compare and contrast the use-cases for a discrete vs. continuous distributions
- Understand the relatively high prevalence of continuous random variables in research, and use this module as a foundation for understanding those characteristics

## 2 Assessments

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Quiz 4 on Module 4 Content on Canvas

## 3 Lecture(s) & Participation

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Watch Module 5 Lecture on Canvas and Take Notes

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Complete and Turn-in Module 5 Lecture Check-in on Canvas

## 4 Reading(s)

*Under “Readings” in Canvas Module*

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Read Chapter 5 of Textbook

## 5 Homework & Assignment(s) Due

*Under “Assignments” in Blackboard Module*

*No Additional Assignments this week*

## 6 Looking Ahead

- ☐ Quiz 5 Next Week on Canvas
- ☐ Start reviewing prior content in preparation for midterm conceptual exam!