

Twice Born Ministry

MATH-102: Statistics for Faithful Decision-Making

Course Code: MATH-102

Credit Hours: 3

King James Version (KJV) — Sola Scriptura Curriculum

Generated 2026-06-30

Course Description

MATH-102: Statistics for Faithful Decision-Making

Course Description

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

This course is part of **Layer 5 — Four-Year Degree Programs** (Track E: STEM / Mathematics / Sciences) in the Twice Born Ministry Bible School catalog. **College category:** Mathematics.

Course Details

| Field | Value |

|-----|-----|

| **Course Code** | MATH-102 |

| **Career Track** | E — STEM / Mathematics / Sciences |

| **Catalog Track** | Statistics |

| **College Category** | Mathematics |

| **Credit Hours** | 3 |

| **Weeks** | 12 |

| **Lessons** | 12 |

| **Prerequisites** | MATH-101 |

| **Homeschool Band** | College |

| **Primary Text** | King James Version (KJV) |

| **Source / Resources** | OpenStax Introductory Statistics awareness |

TBM Cross-References

- Proverbs 14:5 (KJV)

- TECH-PY-102 cross-ref

Learning Outcomes

Upon completion, students will be able to:

1. Explain core concepts and vocabulary for this vocational domain at college introductory level.
2. Apply biblical ethics when secular models conflict with Kingdom priorities.

3. Complete practical assignments, scenarios, or lab exercises with documented integrity.
4. Articulate connections between vocation, stewardship, and local church ministry.
5. Pass module quizzes and capstone assessments at 70% or higher.

Assessment Overview

- **Module quizzes:** JSON per module (multiple choice + short answer).
- **Assignments:** 3–4 rubric-graded projects.
- **Group projects:** 2 collaborative exercises.
- **Final exam:** Comprehensive short and extended responses.
- **Video scripts:** 3–5 instructor scripts for optional production.

Christian Guardrails

- KJV citation standard; Christ-centered instruction.
- Career exploration does not replace licensure, trade apprenticeships, or professional counsel where required.
- AI tools may assist research but not replace original work or pastoral judgment.

Instructor Notes

Professor Shepherd AI instructor shortcode: [tb_ai_instructor course_code="MATH-102"]

Twice Born Ministry Bible School — Layer 4 Career Tracks

Course Modules

MATH-102 — Lesson 1: Statistics as Stewardship of Truth

Introduction

Welcome to Lesson 1 of **Statistics for Faithful Decision-Making** (MATH-102). This session explores **Statistics as Stewardship of Truth** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

This track provides Liberty/Hillsdale-style quantitative and natural science foundations with creation-stewardship framing—not scientism, but rigorous inquiry under God.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Wisdom

If any of you lack wisdom, let him ask of God (James 1:5, KJV). Markets, laws, and technologies change; Scripture-grounded wisdom endures.

Apply this principle while studying **Statistics as Stewardship of Truth**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Statistics as Stewardship of Truth

The fear of the LORD is the beginning of wisdom: and the knowledge of the holy is understanding (Proverbs 9:10, KJV). Mathematics and natural science reveal order in creation without displacing the Creator.

Through faith we understand that the worlds were framed by the word of God (Hebrews 11:3, KJV). Scientific inquiry honors God when conducted with humility, honesty, and stewardship.

Practical Focus

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- Proverbs 14:5 (KJV)
- • TECH-PY-102 cross-ref

Application for Vocation and Ministry

Statistics as Stewardship of Truth should change how you work, lead, serve customers, and witness.

Pastoral practice: Draft a ministry response, visit plan, or counseling scenario tied to this lesson. Discuss with mentor or elder board member.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 1: Role-play a pastoral visit, counseling intake, or board meeting scenario. Debrief using scripture and ethics checklists.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Statistics as Stewardship of Truth** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 1 Summary: We examined **Statistics as Stewardship of Truth** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 2. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

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Ministry Case Study

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MATH-102 — Lesson 2: Data Types, Sampling, and Bias Recognition

Introduction

Welcome to Lesson 2 of **Statistics for Faithful Decision-Making** (MATH-102). This session explores **Data Types, Sampling, and Bias Recognition** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

This track provides Liberty/Hillsdale-style quantitative and natural science foundations with creation-stewardship framing—not scientism, but rigorous inquiry under God.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed

prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Stewardship

The earth is the LORD's, and the fulness thereof (Psalm 24:1, KJV). Every vocation—accounting, medicine, media, or cloud engineering—is borrowed stewardship.

Apply this principle while studying **Data Types, Sampling, and Bias Recognition**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Data Types, Sampling, and Bias Recognition

Through faith we understand that the worlds were framed by the word of God (Hebrews 11:3, KJV). Scientific inquiry honors God when conducted with humility, honesty, and stewardship.

The fear of the LORD is the beginning of wisdom: and the knowledge of the holy is understanding (Proverbs 9:10, KJV). Mathematics and natural science reveal order in creation without displacing the Creator.

Practical Focus

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

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TBM & Catalog Cross-References

- Proverbs 14:5 (KJV)

- • TECH-PY-102 cross-ref

Application for Vocation and Ministry

Data Types, Sampling, and Bias Recognition should change how you work, lead, serve customers, and witness.

Pastoral practice: Draft a ministry response, visit plan, or counseling scenario tied to this lesson. Discuss with mentor or elder board member.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 2: Role-play a pastoral visit, counseling intake, or board meeting scenario. Debrief using scripture and ethics checklists.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Data Types, Sampling, and Bias Recognition** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 2 Summary: We examined **Data Types, Sampling, and Bias Recognition** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 3. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

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Supplemental Reading and Reflection

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Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Historical Figure Spotlight

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MATH-102 — Lesson 3: Descriptive Statistics and Honest Visualization

Introduction

Welcome to Lesson 3 of **Statistics for Faithful Decision-Making** (MATH-102). This session explores **Descriptive Statistics and Honest Visualization** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Integrity

A false balance is abomination to the LORD: but a just weight is his delight (Proverbs 11:1, KJV). Honest weights apply to ledgers, polls, and platform metrics alike.

Apply this principle while studying **Descriptive Statistics and Honest Visualization**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Descriptive Statistics and Honest Visualization

Through faith we understand that the worlds were framed by the word of God (Hebrews 11:3, KJV). Scientific inquiry honors God when conducted with humility, honesty, and stewardship.

The fear of the LORD is the beginning of wisdom: and the knowledge of the holy is understanding (Proverbs 9:10, KJV). Mathematics and natural science reveal order in creation without displacing the Creator.

Practical Focus

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
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TBM & Catalog Cross-References

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Application for Vocation and Ministry

Descriptive Statistics and Honest Visualization should change how you work, lead, serve customers, and witness.

Pastoral practice: Draft a ministry response, visit plan, or counseling scenario tied to this lesson. Discuss with mentor or elder board member.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

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Lab, Scenario, or Field Exercise

Exercise 3: Role-play a pastoral visit, counseling intake, or board meeting scenario. Debrief using scripture and ethics checklists.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Descriptive Statistics and Honest Visualization** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

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Summary and Next Steps

Lesson 3 Summary: We examined **Descriptive Statistics and Honest Visualization** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 4. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

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Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

MATH-102 — Lesson 4: Probability Distributions and Expected Value

Introduction

Welcome to Lesson 4 of **Statistics for Faithful Decision-Making** (MATH-102). This session explores **Probability Distributions and Expected Value** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

This track provides Liberty/Hillsdale-style quantitative and natural science foundations with creation-stewardship framing—not scientism, but rigorous inquiry under God.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Wisdom

If any of you lack wisdom, let him ask of God (James 1:5, KJV). Markets, laws, and technologies change; Scripture-grounded wisdom endures.

Apply this principle while studying **Probability Distributions and Expected Value**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Probability Distributions and Expected Value

Through faith we understand that the worlds were framed by the word of God (Hebrews 11:3, KJV). Scientific inquiry honors God when conducted with humility, honesty, and stewardship.

The fear of the LORD is the beginning of wisdom: and the knowledge of the holy is understanding (Proverbs 9:10, KJV). Mathematics and natural science reveal order in creation without displacing the Creator.

Practical Focus

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- Proverbs 14:5 (KJV)
- • TECH-PY-102 cross-ref

Application for Vocation and Ministry

Probability Distributions and Expected Value should change how you work, lead, serve customers, and witness.

Pastoral practice: Draft a ministry response, visit plan, or counseling scenario tied to this lesson. Discuss with mentor or elder board member.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 4: Role-play a pastoral visit, counseling intake, or board meeting scenario. Debrief using scripture and ethics checklists.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Probability Distributions and Expected Value** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 4 Summary: We examined **Probability Distributions and Expected Value** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 5. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Worship Integration

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Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

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Historical Figure Spotlight

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Historical Figure Spotlight

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Worship Integration

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Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

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MATH-102 — Lesson 5: Hypothesis Testing Without P-Hacking

Introduction

Welcome to Lesson 5 of **Statistics for Faithful Decision-Making** (MATH-102). This session explores **Hypothesis Testing Without P-Hacking** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

This track provides Liberty/Hillsdale-style quantitative and natural science foundations with creation-stewardship framing—not scientism, but rigorous inquiry under God.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed

prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Stewardship

The earth is the LORD's, and the fulness thereof (Psalm 24:1, KJV). Every vocation—accounting, medicine, media, or cloud engineering—is borrowed stewardship.

Apply this principle while studying **Hypothesis Testing Without P-Hacking**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Hypothesis Testing Without P-Hacking

The fear of the LORD is the beginning of wisdom: and the knowledge of the holy is understanding (Proverbs 9:10, KJV). Mathematics and natural science reveal order in creation without displacing the Creator.

Through faith we understand that the worlds were framed by the word of God (Hebrews 11:3, KJV). Scientific inquiry honors God when conducted with humility, honesty, and stewardship.

Practical Focus

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- Proverbs 14:5 (KJV)

- • TECH-PY-102 cross-ref

Application for Vocation and Ministry

Hypothesis Testing Without P-Hacking should change how you work, lead, serve customers, and witness.

Pastoral practice: Draft a ministry response, visit plan, or counseling scenario tied to this lesson. Discuss with mentor or elder board member.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 5: Role-play a pastoral visit, counseling intake, or board meeting scenario. Debrief using scripture and ethics checklists.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Hypothesis Testing Without P-Hacking** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 5 Summary: We examined **Hypothesis Testing Without P-Hacking** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 6. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

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Ministry Case Study

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Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

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MATH-102 — Lesson 6: Confidence Intervals and Humility in Claims

Introduction

Welcome to Lesson 6 of **Statistics for Faithful Decision-Making** (MATH-102). This session explores **Confidence Intervals and Humility in Claims** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

This track provides Liberty/Hillsdale-style quantitative and natural science foundations with creation-stewardship framing—not scientism, but rigorous inquiry under God.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Integrity

A false balance is abomination to the LORD: but a just weight is his delight (Proverbs 11:1, KJV). Honest weights apply to ledgers, polls, and platform metrics alike.

Apply this principle while studying **Confidence Intervals and Humility in Claims**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Confidence Intervals and Humility in Claims

Through faith we understand that the worlds were framed by the word of God (Hebrews 11:3, KJV). Scientific inquiry honors God when conducted with humility, honesty, and stewardship.

The fear of the LORD is the beginning of wisdom: and the knowledge of the holy is understanding (Proverbs 9:10, KJV). Mathematics and natural science reveal order in creation without displacing the Creator.

Practical Focus

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- Proverbs 14:5 (KJV)
- • TECH-PY-102 cross-ref

Application for Vocation and Ministry

Confidence Intervals and Humility in Claims should change how you work, lead, serve customers, and witness.

Pastoral practice: Draft a ministry response, visit plan, or counseling scenario tied to this lesson. Discuss with mentor or elder board member.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 6: Role-play a pastoral visit, counseling intake, or board meeting scenario. Debrief using scripture and ethics checklists.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Confidence Intervals and Humility in Claims** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 6 Summary: We examined **Confidence Intervals and Humility in Claims** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 7. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension.

Pastoral communication is part of theological training, not an optional soft skill.

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

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Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

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Worship Integration

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Supplemental Reading and Reflection

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Worship Integration

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MATH-102 — Lesson 7: Regression Basics for Policy and Business

Introduction

Welcome to Lesson 7 of **Statistics for Faithful Decision-Making** (MATH-102). This session explores **Regression Basics for Policy and Business** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

This track provides Liberty/Hillsdale-style quantitative and natural science foundations with creation-stewardship framing—not scientism, but rigorous inquiry under God.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Wisdom

If any of you lack wisdom, let him ask of God (James 1:5, KJV). Markets, laws, and technologies change; Scripture-grounded wisdom endures.

Apply this principle while studying **Regression Basics for Policy and Business**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Regression Basics for Policy and Business

The fear of the LORD is the beginning of wisdom: and the knowledge of the holy is understanding (Proverbs 9:10, KJV). Mathematics and natural science reveal order in creation without displacing the Creator.

Through faith we understand that the worlds were framed by the word of God (Hebrews 11:3, KJV). Scientific inquiry honors God when conducted with humility, honesty, and stewardship.

Practical Focus

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- Proverbs 14:5 (KJV)
- • TECH-PY-102 cross-ref

Application for Vocation and Ministry

Regression Basics for Policy and Business should change how you work, lead, serve customers, and witness.

Pastoral practice: Draft a ministry response, visit plan, or counseling scenario tied to this lesson. Discuss with mentor or elder board member.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 7: Role-play a pastoral visit, counseling intake, or board meeting scenario. Debrief using scripture and ethics checklists.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Regression Basics for Policy and Business** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 7 Summary: We examined **Regression Basics for Policy and Business** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 8. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

Ministry Case Study

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Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

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Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

Ministry Case Study

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Historical Figure Spotlight

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MATH-102 — Lesson 8: Survey Design for Church and Community Research

Introduction

Welcome to Lesson 8 of **Statistics for Faithful Decision-Making** (MATH-102). This session explores **Survey Design for Church and Community Research** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

This track provides Liberty/Hillsdale-style quantitative and natural science foundations with creation-stewardship framing—not scientism, but rigorous inquiry under God.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Stewardship

The earth is the LORD's, and the fulness thereof (Psalm 24:1, KJV). Every vocation—accounting, medicine, media, or cloud engineering—is borrowed stewardship.

Apply this principle while studying **Survey Design for Church and Community Research**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Survey Design for Church and Community Research

The fear of the LORD is the beginning of wisdom: and the knowledge of the holy is understanding (Proverbs 9:10, KJV). Mathematics and natural science reveal order in creation without displacing the Creator.

Through faith we understand that the worlds were framed by the word of God (Hebrews 11:3, KJV). Scientific inquiry honors God when conducted with humility, honesty, and stewardship.

Practical Focus

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- Proverbs 14:5 (KJV)
- • TECH-PY-102 cross-ref

Application for Vocation and Ministry

Survey Design for Church and Community Research should change how you work, lead, serve customers, and witness.

Pastoral practice: Draft a ministry response, visit plan, or counseling scenario tied to this lesson. Discuss with mentor or elder board member.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 8: Role-play a pastoral visit, counseling intake, or board meeting scenario. Debrief using scripture and ethics checklists.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Survey Design for Church and Community Research** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 8 Summary: We examined **Survey Design for Church and Community Research** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 9. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

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Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Supplemental Reading and Reflection

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Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

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MATH-102 — Lesson 9: Ethics of Polls, Predictions, and Forecasts

Introduction

Welcome to Lesson 9 of **Statistics for Faithful Decision-Making** (MATH-102). This session explores **Ethics of Polls, Predictions, and Forecasts** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

This track provides Liberty/Hillsdale-style quantitative and natural science foundations with creation-stewardship framing—not scientism, but rigorous inquiry under God.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Integrity

A false balance is abomination to the LORD: but a just weight is his delight (Proverbs 11:1, KJV). Honest weights apply to ledgers, polls, and platform metrics alike.

Apply this principle while studying **Ethics of Polls, Predictions, and Forecasts**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Ethics of Polls, Predictions, and Forecasts

Through faith we understand that the worlds were framed by the word of God (Hebrews 11:3, KJV). Scientific inquiry honors God when conducted with humility, honesty, and stewardship.

The fear of the LORD is the beginning of wisdom: and the knowledge of the holy is understanding (Proverbs 9:10, KJV). Mathematics and natural science reveal order in creation without displacing the Creator.

Practical Focus

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- Proverbs 14:5 (KJV)
- • TECH-PY-102 cross-ref

Application for Vocation and Ministry

Ethics of Polls, Predictions, and Forecasts should change how you work, lead, serve customers, and witness.

Pastoral practice: Draft a ministry response, visit plan, or counseling scenario tied to this lesson. Discuss with mentor or elder board member.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 9: Role-play a pastoral visit, counseling intake, or board meeting scenario. Debrief using scripture and ethics checklists.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Ethics of Polls, Predictions, and Forecasts** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 9 Summary: We examined **Ethics of Polls, Predictions, and Forecasts** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 10. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

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Supplemental Reading and Reflection

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Worship Integration

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Historical Figure Spotlight

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MATH-102 — Lesson 10: Spreadsheet and Python Stats Labs

Introduction

Welcome to Lesson 10 of **Statistics for Faithful Decision-Making** (MATH-102). This session explores **Spreadsheet and Python Stats Labs** within the **Track E — STEM / Mathematics / Sciences**

pathway at Twice Born Ministry Bible School.

This track provides Liberty/Hillsdale-style quantitative and natural science foundations with creation-stewardship framing—not scientism, but rigorous inquiry under God.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Wisdom

If any of you lack wisdom, let him ask of God (James 1:5, KJV). Markets, laws, and technologies change; Scripture-grounded wisdom endures.

Apply this principle while studying **Spreadsheet and Python Stats Labs**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Spreadsheet and Python Stats Labs

Through faith we understand that the worlds were framed by the word of God (Hebrews 11:3, KJV). Scientific inquiry honors God when conducted with humility, honesty, and stewardship.

The fear of the LORD is the beginning of wisdom: and the knowledge of the holy is understanding (Proverbs 9:10, KJV). Mathematics and natural science reveal order in creation without displacing the Creator.

Practical Focus

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- Proverbs 14:5 (KJV)
- • TECH-PY-102 cross-ref

Application for Vocation and Ministry

Spreadsheet and Python Stats Labs should change how you work, lead, serve customers, and witness.

Pastoral practice: Draft a ministry response, visit plan, or counseling scenario tied to this lesson. Discuss with mentor or elder board member.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 10: Role-play a pastoral visit, counseling intake, or board meeting scenario. Debrief using scripture and ethics checklists.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Spreadsheet and Python Stats Labs** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 10 Summary: We examined **Spreadsheet and Python Stats Labs** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 11. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Ministry Case Study

Imagine a congregant confused about this lesson's topic after watching online teaching that contradicts historic evangelical doctrine. Draft a pastoral response email that (1) expresses empathy, (2) clarifies biblical teaching with two references, (3) invites in-person conversation, and (4) avoids condescension. Pastoral communication is part of theological training, not an optional soft skill.

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

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MATH-102 — Lesson 11: Case Studies: Misleading Charts in Media

Introduction

Welcome to Lesson 11 of **Statistics for Faithful Decision-Making** (MATH-102). This session explores **Case Studies: Misleading Charts in Media** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

This track provides Liberty/Hillsdale-style quantitative and natural science foundations with creation-stewardship framing—not scientism, but rigorous inquiry under God.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Stewardship

The earth is the LORD's, and the fulness thereof (Psalm 24:1, KJV). Every vocation—accounting, medicine, media, or cloud engineering—is borrowed stewardship.

Apply this principle while studying **Case Studies: Misleading Charts in Media**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to

conscience.

Core Teaching

Theme: Case Studies: Misleading Charts in Media

Through faith we understand that the worlds were framed by the word of God (Hebrews 11:3, KJV). Scientific inquiry honors God when conducted with humility, honesty, and stewardship.

The fear of the LORD is the beginning of wisdom: and the knowledge of the holy is understanding (Proverbs 9:10, KJV). Mathematics and natural science reveal order in creation without displacing the Creator.

Practical Focus

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.
- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

Career track courses prepare students for further education, certification programs, or bi-vocational ministry—they do not replace licensure, trade union apprenticeships, CPA/legal counsel, or seminary ordination tracks unless explicitly stated in prerequisites.

TBM & Catalog Cross-References

- Proverbs 14:5 (KJV)
- • TECH-PY-102 cross-ref

Application for Vocation and Ministry

Case Studies: Misleading Charts in Media should change how you work, lead, serve customers, and witness.

Pastoral practice: Draft a ministry response, visit plan, or counseling scenario tied to this lesson. Discuss with mentor or elder board member.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 11: Role-play a pastoral visit, counseling intake, or board meeting scenario. Debrief using scripture and ethics checklists.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Case Studies: Misleading Charts in Media** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 11 Summary: We examined **Case Studies: Misleading Charts in Media** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to Lesson 12. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

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Ministry Case Study

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Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

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MATH-102 — Lesson 12: Capstone: Ethical Research Report with KJV Reflection

Introduction

Welcome to Lesson 12 of **Statistics for Faithful Decision-Making** (MATH-102). This session explores **Capstone: Ethical Research Report with KJV Reflection** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

This track provides Liberty/Hillsdale-style quantitative and natural science foundations with creation-stewardship framing—not scientism, but rigorous inquiry under God.

This is **Layer 4 — Career Tracks** content at college level (or high school dual-enrollment where noted). The King James Version remains the citation standard for all scripture. Complete BS-FND-100 or listed prerequisites before advanced modules.

Pray for wisdom before studying. Career competence without Christ-centered character produces skilled workers who build on sand. We pursue excellence **as unto the Lord** (Colossians 3:23).

Christian Ethics Integration — Integrity

A false balance is abomination to the LORD: but a just weight is his delight (Proverbs 11:1, KJV). Honest weights apply to ledgers, polls, and platform metrics alike.

Apply this principle while studying **Capstone: Ethical Research Report with KJV Reflection**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Capstone: Ethical Research Report with KJV Reflection

Through faith we understand that the worlds were framed by the word of God (Hebrews 11:3, KJV). Scientific inquiry honors God when conducted with humility, honesty, and stewardship.

The fear of the LORD is the beginning of wisdom: and the knowledge of the holy is understanding (Proverbs 9:10, KJV). Mathematics and natural science reveal order in creation without displacing the Creator.

Practical Focus

Descriptive and inferential statistics for leaders who refuse to lie with numbers.

Competency targets for this lesson:

- Define key terms and industry-standard vocabulary at introductory level.
- Identify biblical principles that govern ethical decisions in this domain.
- Complete hands-on or scenario-based exercises in assignments and quizzes.

- Connect vocational skills to local church ministry or community service where applicable.

Professional Standards

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TBM & Catalog Cross-References

- Proverbs 14:5 (KJV)
- • TECH-PY-102 cross-ref

Application for Vocation and Ministry

Capstone: Ethical Research Report with KJV Reflection should change how you work, lead, serve customers, and witness.

Pastoral practice: Draft a ministry response, visit plan, or counseling scenario tied to this lesson. Discuss with mentor or elder board member.

Personal devotion: Write a brief prayer connecting today's vocational theme to Christ's lordship over your schedule, income, and relationships.

Local church: Share one insight with your pastor, deacon team, or small group—especially where bi-vocational ministry applies.

Evangelism: Prepare a 60-second testimony linking honest work or digital stewardship to the gospel hope you profess.

Lab, Scenario, or Field Exercise

Exercise 12: Role-play a pastoral visit, counseling intake, or board meeting scenario. Debrief using scripture and ethics checklists.

Document assumptions, resources consulted, and limitations. Submit via LMS with honor statement. Supervised field hours may count toward capstone portfolios where approved by cohort facilitator.

Discussion Questions

How does **Capstone: Ethical Research Report with KJV Reflection** align with Colossians 3:23 ("as to the Lord")?

What secular practice in this field most often conflicts with biblical ethics?

Which prerequisite course or TBM resource best supports this lesson?

How would you teach this topic to a high school dual-enrollment student?

What is one measurable action you will take this week based on this lesson?

Summary and Next Steps

Lesson 12 Summary: We examined **Capstone: Ethical Research Report with KJV Reflection** through scripture, vocational standards, and ministry application.

Action item: Complete the module quiz (70% to pass) and begin assignment work if due this week.

Preview: Continue to the capstone module. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

Soli Deo gloria — whether ye eat or drink, or whatsoever ye do, do all to the glory of God (1 Corinthians 10:31).

Historical Figure Spotlight

Research one defender of orthodoxy related to this doctrine—Augustine, Athanasius, Luther, Calvin, Spurgeon, or a modern missionary martyr. Write 150 words on how their context shaped their emphasis. Standing on their shoulders, we inherit confessions forged in controversy. Imitate their courage and Scripture saturation, not necessarily every cultural application.

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Worship Integration

Select a hymn or worship song rich in biblical doctrine (e.g., "Holy, Holy, Holy," "And Can It Be," "A Mighty Fortress"). Analyze its lyrics for theological accuracy in light of this lesson. Lead family worship using that hymn, reading one supporting passage before singing. Theology should enliven corporate praise, not remain abstract.

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Appendix A — Assignments

Week 01

Week 01 Assignment — Reflection Journal

Course: MATH-102 · Statistics for Faithful Decision-Making

Week focus: MATH-102 — Lesson 1: Statistics as Stewardship of Truth

Learning objective (Bloom's taxonomy)

Students will **analyze** course content from **MATH-102 — Lesson 1: Statistics as Stewardship of Truth** with KJV integration and measurable evidence in the submission.

Task

Analyze: Write a 300–500 word reflection on **MATH-102 — Lesson 1: Statistics as Stewardship of Truth**. Include at least two KJV citations and one personal application.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Statistics, Stewardship

Week 02

Week 02 Assignment — Memory Verse Application

Course: MATH-102 · Statistics for Faithful Decision-Making

Week focus: MATH-102 — Lesson 2: Data Types, Sampling, and Bias Recognition

Learning objective (Bloom's taxonomy)

Students will **apply** course content from **MATH-102 — Lesson 2: Data Types, Sampling, and Bias Recognition** with KJV integration and measurable evidence in the submission.

Task

Apply: Recite this week's memory verse from memory, then write 250 words explaining how it applies to daily discipleship.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Types, Sampling

Week 03

Week 03 Assignment — Expository Outline

Course: MATH-102 · Statistics for Faithful Decision-Making

Week focus: MATH-102 — Lesson 3: Descriptive Statistics and Honest Visualization

Learning objective (Bloom's taxonomy)

Students will **outline** course content from **MATH-102 — Lesson 3: Descriptive Statistics and Honest Visualization** with KJV integration and measurable evidence in the submission.

Task

Outline: Produce a structured outline (400+ words) for the main passage in **MATH-102 — Lesson 3: Descriptive Statistics and Honest Visualization**. Include pericope titles and one-sentence themes.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Descriptive, Statistics

Week 04

Week 04 Assignment — Discussion Response

Course: MATH-102 · Statistics for Faithful Decision-Making

Week focus: MATH-102 — Lesson 4: Probability Distributions and Expected Value

Learning objective (Bloom's taxonomy)

Students will **explain** course content from **MATH-102 — Lesson 4: Probability Distributions and Expected Value** with KJV integration and measurable evidence in the submission.

Task

Explain: Answer two discussion prompts from the Week 4 reading in 200 words each. Cite KJV only.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Probability, Distributions

Week 05

Week 05 Assignment — Practical Ministry Step

Course: MATH-102 · Statistics for Faithful Decision-Making

Week focus: MATH-102 — Lesson 5: Hypothesis Testing Without P-Hacking

Learning objective (Bloom's taxonomy)

Students will **demonstrate** course content from **MATH-102 — Lesson 5: Hypothesis Testing Without P-Hacking** with KJV integration and measurable evidence in the submission.

Task

Demonstrate: Complete one practical ministry action tied to **MATH-102 — Lesson 5: Hypothesis Testing Without P-Hacking** (visit, prayer walk, family worship, or service). Submit a 200-word report plus optional photo upload.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Manual review (practical/upload).

Pass: 70%

Rubric (100 points)

Week 06

Week 06 Assignment — Witness Outline

Course: MATH-102 · Statistics for Faithful Decision-Making

Week focus: MATH-102 — Lesson 6: Confidence Intervals and Humility in Claims

Learning objective (Bloom's taxonomy)

Students will **construct** course content from **MATH-102 — Lesson 6: Confidence Intervals and Humility in Claims** with KJV integration and measurable evidence in the submission.

Task

Construct: Draft a 3-minute spoken witness outline using this week's theme. Include gospel bridge, one objection with biblical answer, and call to faith.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Confidence, Intervals

Week 07

Week 07 Assignment — Cross-Reference Study

Course: MATH-102 · Statistics for Faithful Decision-Making

Week focus: MATH-102 — Lesson 7: Regression Basics for Policy and Business

Learning objective (Bloom's taxonomy)

Students will **compare** course content from **MATH-102 — Lesson 7: Regression Basics for Policy and Business** with KJV integration and measurable evidence in the submission.

Task

Compare: Find three cross-references that illuminate **MATH-102 — Lesson 7: Regression Basics for Policy and Business**. Write 400 words comparing themes (OT + NT).

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Regression, Basics

Week 08

Week 08 Assignment — Historical Context Brief

Course: MATH-102 · Statistics for Faithful Decision-Making

Week focus: MATH-102 — Lesson 8: Survey Design for Church and Community Research

Learning objective (Bloom's taxonomy)

Students will **describe** course content from **MATH-102 — Lesson 8: Survey Design for Church and Community Research** with KJV integration and measurable evidence in the submission.

Task

Describe: Write 350 words on historical/literary context for **MATH-102 — Lesson 8: Survey Design for Church and Community Research**. Minimum four KJV citations.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Survey, Design

Week 09

Week 09 Assignment — Christological Connection Essay

Course: MATH-102 · Statistics for Faithful Decision-Making

Week focus: MATH-102 — Lesson 9: Ethics of Polls, Predictions, and Forecasts

Learning objective (Bloom's taxonomy)

Students will **evaluate** course content from **MATH-102 — Lesson 9: Ethics of Polls, Predictions, and Forecasts** with KJV integration and measurable evidence in the submission.

Task

Evaluate: Explain how **MATH-102 — Lesson 9: Ethics of Polls, Predictions, and Forecasts** points to Christ in 400–600 words. Use literal-grammatical-historical method.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Ethics, Polls

Week 10

Week 10 Assignment — Teaching Prep

Course: MATH-102 · Statistics for Faithful Decision-Making

Week focus: MATH-102 — Lesson 10: Spreadsheet and Python Stats Labs

Learning objective (Bloom's taxonomy)

Students will **design** course content from **MATH-102 — Lesson 10: Spreadsheet and Python Stats Labs** with KJV integration and measurable evidence in the submission.

Task

Design: Prepare a 5-minute teaching outline for **MATH-102 — Lesson 10: Spreadsheet and Python Stats Labs** suitable for a small group or homeschool lesson.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Spreadsheet, Python

Week 11

Week 11 Assignment — Integration & Review

Course: MATH-102 · Statistics for Faithful Decision-Making

Week focus: MATH-102 — Lesson 12: Capstone: Ethical Research Report with KJV Reflection

Learning objective (Bloom's taxonomy)

Students will **synthesize** course content from **MATH-102 — Lesson 12: Capstone: Ethical Research Report with KJV Reflection** with KJV integration and measurable evidence in the submission.

Task

Synthesize: Synthesize the top five themes from Statistics for Faithful Decision-Making. 600 words, minimum six KJV citations, one paragraph on personal growth.

Submit: Text via LMS assignment form. PDF upload optional for longer work.

Grading

Grading mode: Auto-grade eligible (written text).

Pass: 70%

Rubric (100 points)

Auto-grade hints

Keywords for automated pre-check: KJV, Christ, Scripture, God, Lesson, Capstone, Ethical

Week 12

Learning objective (Bloom's taxonomy)

Students will **create** an original ministry artifact synthesizing Statistics for Faithful Decision-Making with KJV fidelity and scholarship-gallery quality.

Creative Ministry Project — MATH-102

Course: Statistics for Faithful Decision-Making

Integrate professional skills from this course with gospel witness. Submit a capstone artifact (report, demo, script, or plan) with KJV integration and rubric self-assessment. Minimum 70% to pass; 75% for excellence distinction.

Grading

Grading mode: Manual review (creative upload).

Pass: 70%

Rubric (100 points)

Creative Ministry Project

Creative Ministry Project — MATH-102

Course: Statistics for Faithful Decision-Making

Integrate professional skills from this course with gospel witness. Submit a capstone artifact (report, demo, script, or plan) with KJV integration and rubric self-assessment. Minimum 70% to pass; 75% for excellence distinction.

Appendix B — Key Terms & Passages

- • Theme: Capstone: Ethical Research Report with KJV Reflection