

Twice Born Ministry

QUANTUM-101: Introduction to Quantum Computing and Christian Stewardship

Course Code: QUANTUM-101

Credit Hours: 3

King James Version (KJV) — Sola Scriptura Curriculum

Generated 2026-06-30

Course Description

QUANTUM-101: Introduction to Quantum Computing and Christian Stewardship

Course Description

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

This course is part of **Layer 6 — Strategic US Priorities** (Track E: STEM / Mathematics / Sciences) in the Twice Born Ministry Bible School catalog. **College category:** Emerging Technology.

Course Details

| Field | Value |

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

| **Course Code** | QUANTUM-101 |

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

| **Catalog Track** | Quantum Computing |

| **College Category** | Emerging Technology |

| **Credit Hours** | 3 |

| **Weeks** | 12 |

| **Lessons** | 12 |

| **Prerequisites** | MATH-101; TECH-PY-101 recommended |

| **Homeschool Band** | College |

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

| **Source / Resources** | IBM Quantum Learning awareness; NIST post-quantum crypto primers |

TBM Cross-References

- Romans 11:33 (KJV)

• • AI-101

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="QUANTUM-101"]

Twice Born Ministry Bible School — Layer 4 Career Tracks

Course Modules

QUANTUM-101 — Lesson 1: Creation Order and the Limits of Human Knowledge

Introduction

Welcome to Lesson 1 of **Introduction to Quantum Computing and Christian Stewardship** (QUANTUM-101). This session explores **Creation Order and the Limits of Human Knowledge** 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 **Creation Order and the Limits of Human Knowledge**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Creation Order and the Limits of Human Knowledge

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

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

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

- Romans 11:33 (KJV)
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Application for Vocation and Ministry

Creation Order and the Limits of Human Knowledge 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 **Creation Order and the Limits of Human Knowledge** 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 **Creation Order and the Limits of Human Knowledge** 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.

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

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

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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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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QUANTUM-101 — Lesson 2: Classical Bits vs Qubits: Humble Analogies

Introduction

Welcome to Lesson 2 of **Introduction to Quantum Computing and Christian Stewardship** (QUANTUM-101). This session explores **Classical Bits vs Qubits: Humble Analogies** 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 — Truth

Buy the truth, and sell it not (Proverbs 23:23, KJV). Financial reports, news scripts, and research data must reflect reality—not convenience.

Apply this principle while studying **Classical Bits vs Qubits: Humble Analogies**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Classical Bits vs Qubits: Humble Analogies

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

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

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

- Romans 11:33 (KJV)
- • AI-101

Application for Vocation and Ministry

Classical Bits vs Qubits: Humble Analogies 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 **Classical Bits vs Qubits: Humble Analogies** 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 **Classical Bits vs Qubits: Humble Analogies** 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.

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.

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

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Worship Integration

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QUANTUM-101 — Lesson 3: Superposition, Measurement, and Truth-Telling in Science

Introduction

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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 — 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 **Superposition, Measurement, and Truth-Telling in Science**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Superposition, Measurement, and Truth-Telling in Science

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

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

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.
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Professional Standards

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TBM & Catalog Cross-References

- Romans 11:33 (KJV)
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Application for Vocation and Ministry

Superposition, Measurement, and Truth-Telling in Science 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.

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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 **Superposition, Measurement, and Truth-Telling in Science** 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 3 Summary: We examined **Superposition, Measurement, and Truth-Telling in Science** 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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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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Supplemental Reading and Reflection

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QUANTUM-101 — Lesson 4: Entanglement, Correlation, and Community Metaphors

Introduction

Welcome to Lesson 4 of **Introduction to Quantum Computing and Christian Stewardship** (QUANTUM-101). This session explores **Entanglement, Correlation, and Community Metaphors** 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 **Entanglement, Correlation, and Community Metaphors**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Entanglement, Correlation, and Community Metaphors

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

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

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

- Romans 11:33 (KJV)

- AI-101

Application for Vocation and Ministry

Entanglement, Correlation, and Community Metaphors 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 **Entanglement, Correlation, and Community Metaphors** 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 **Entanglement, Correlation, and Community Metaphors** 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.

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

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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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.

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.

QUANTUM-101 — Lesson 5: Quantum Gates and Circuit Thinking

Introduction

Welcome to Lesson 5 of **Introduction to Quantum Computing and Christian Stewardship** (QUANTUM-101). This session explores **Quantum Gates and Circuit Thinking** 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 — Truth

Buy the truth, and sell it not (Proverbs 23:23, KJV). Financial reports, news scripts, and research data must reflect reality—not convenience.

Apply this principle while studying **Quantum Gates and Circuit Thinking**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Quantum Gates and Circuit Thinking

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

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

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

- Romans 11:33 (KJV)
- • AI-101

Application for Vocation and Ministry

Quantum Gates and Circuit Thinking 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 **Quantum Gates and Circuit Thinking** 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 **Quantum Gates and Circuit Thinking** 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.

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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QUANTUM-101 — Lesson 6: Algorithms Intro: Deutsch-Jozsa and Honest Hype

Introduction

Welcome to Lesson 6 of **Introduction to Quantum Computing and Christian Stewardship** (QUANTUM-101). This session explores **Algorithms Intro: Deutsch-Jozsa and Honest Hype** 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 **Algorithms Intro: Deutsch-Jozsa and Honest Hype**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Algorithms Intro: Deutsch-Jozsa and Honest Hype

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

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

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

- Romans 11:33 (KJV)

- AI-101

Application for Vocation and Ministry

Algorithms Intro: Deutsch-Jozsa and Honest Hype 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 **Algorithms Intro: Deutsch-Jozsa and Honest Hype** 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 **Algorithms Intro: Deutsch-Jozsa and Honest Hype** 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

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Historical Figure Spotlight

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Worship Integration

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Supplemental Reading and Reflection

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Historical Figure Spotlight

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Historical Figure Spotlight

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QUANTUM-101 — Lesson 7: Industry Applications: Chemistry, Logistics, Cryptography

Introduction

Welcome to Lesson 7 of **Introduction to Quantum Computing and Christian Stewardship** (QUANTUM-101). This session explores **Industry Applications: Chemistry, Logistics, Cryptography** 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 **Industry Applications: Chemistry, Logistics, Cryptography**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Industry Applications: Chemistry, Logistics, Cryptography

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

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

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.
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TBM & Catalog Cross-References

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Application for Vocation and Ministry

Industry Applications: Chemistry, Logistics, Cryptography 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 **Industry Applications: Chemistry, Logistics, Cryptography** 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 **Industry Applications: Chemistry, Logistics, Cryptography** 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).

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.

Ministry Case Study

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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

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

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

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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QUANTUM-101 — Lesson 8: Post-Quantum Cryptography and Ministry IT Readiness

Introduction

Welcome to Lesson 8 of **Introduction to Quantum Computing and Christian Stewardship** (QUANTUM-101). This session explores **Post-Quantum Cryptography and Ministry IT Readiness** 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 — Truth

Buy the truth, and sell it not (Proverbs 23:23, KJV). Financial reports, news scripts, and research data must reflect reality—not convenience.

Apply this principle while studying **Post-Quantum Cryptography and Ministry IT Readiness**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Post-Quantum Cryptography and Ministry IT Readiness

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

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

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

- Romans 11:33 (KJV)
- • AI-101

Application for Vocation and Ministry

Post-Quantum Cryptography and Ministry IT Readiness 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 **Post-Quantum Cryptography and Ministry IT Readiness** 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 **Post-Quantum Cryptography and Ministry IT Readiness** 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).

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.

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Ministry Case Study

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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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QUANTUM-101 — Lesson 9: Ethics, Export Controls, and National Security Wisdom

Introduction

Welcome to Lesson 9 of **Introduction to Quantum Computing and Christian Stewardship** (QUANTUM-101). This session explores **Ethics, Export Controls, and National Security Wisdom** 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 **Ethics, Export Controls, and National Security Wisdom**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Ethics, Export Controls, and National Security Wisdom

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

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

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

- Romans 11:33 (KJV)
- • AI-101

Application for Vocation and Ministry

Ethics, Export Controls, and National Security Wisdom 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, Export Controls, and National Security Wisdom** 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, Export Controls, and National Security Wisdom** 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).

Ministry Case Study

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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.

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

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QUANTUM-101 — Lesson 10: Workforce Pathways: Research to Technician Roles

Introduction

Welcome to Lesson 10 of **Introduction to Quantum Computing and Christian Stewardship** (QUANTUM-101). This session explores **Workforce Pathways: Research to Technician Roles** 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 **Workforce Pathways: Research to Technician Roles**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Workforce Pathways: Research to Technician Roles

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

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

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

- Romans 11:33 (KJV)
- • AI-101

Application for Vocation and Ministry

Workforce Pathways: Research to Technician Roles 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 **Workforce Pathways: Research to Technician Roles** 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 **Workforce Pathways: Research to Technician Roles** 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).

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

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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.

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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QUANTUM-101 — Lesson 11: Prayerful Discernment in Emerging Tech Careers

Introduction

Welcome to Lesson 11 of **Introduction to Quantum Computing and Christian Stewardship** (QUANTUM-101). This session explores **Prayerful Discernment in Emerging Tech Careers** 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 — Truth

Buy the truth, and sell it not (Proverbs 23:23, KJV). Financial reports, news scripts, and research data must reflect reality—not convenience.

Apply this principle while studying **Prayerful Discernment in Emerging Tech Careers**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Prayerful Discernment in Emerging Tech Careers

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

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

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

- Romans 11:33 (KJV)

- AI-101

Application for Vocation and Ministry

Prayerful Discernment in Emerging Tech Careers 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 **Prayerful Discernment in Emerging Tech Careers** 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 **Prayerful Discernment in Emerging Tech Careers** 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).

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.

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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QUANTUM-101 — Lesson 12: Capstone: Quantum Literacy Brief for Church Leaders

Introduction

Welcome to Lesson 12 of **Introduction to Quantum Computing and Christian Stewardship** (QUANTUM-101). This session explores **Capstone: Quantum Literacy Brief for Church Leaders** 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 **Capstone: Quantum Literacy Brief for Church Leaders**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Capstone: Quantum Literacy Brief for Church Leaders

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

Qubits, superposition, and industry use cases with honest limits and Christ-honoring innovation literacy.

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

- Romans 11:33 (KJV)
- • AI-101

Application for Vocation and Ministry

Capstone: Quantum Literacy Brief for Church Leaders 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: Quantum Literacy Brief for Church Leaders** 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: Quantum Literacy Brief for Church Leaders** 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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Supplemental Reading and Reflection

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Appendix A — Assignments

Week 01

Week 01 Assignment — Reflection Journal

Course: QUANTUM-101 · Introduction to Quantum Computing and Christian Stewardship

Week focus: QUANTUM-101 — Lesson 1: Creation Order and the Limits of Human Knowledge

Learning objective (Bloom's taxonomy)

Students will **analyze** course content from **QUANTUM-101 — Lesson 1: Creation Order and the Limits of Human Knowledge** with KJV integration and measurable evidence in the submission.

Task

Analyze: Write a 300–500 word reflection on **QUANTUM-101 — Lesson 1: Creation Order and the Limits of Human Knowledge**. 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, QUANTUM, Lesson, Creation

Week 02

Week 02 Assignment — Memory Verse Application

Course: QUANTUM-101 · Introduction to Quantum Computing and Christian Stewardship

Week focus: QUANTUM-101 — Lesson 2: Classical Bits vs Qubits: Humble Analogies

Learning objective (Bloom's taxonomy)

Students will **apply** course content from **QUANTUM-101 — Lesson 2: Classical Bits vs Qubits: Humble Analogies** 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, QUANTUM, Lesson, Classical

Week 03

Week 03 Assignment — Expository Outline

Course: QUANTUM-101 · Introduction to Quantum Computing and Christian Stewardship

Week focus: QUANTUM-101 — Lesson 3: Superposition, Measurement, and Truth-Telling in Science

Learning objective (Bloom's taxonomy)

Students will **outline** course content from **QUANTUM-101 — Lesson 3: Superposition, Measurement, and Truth-Telling in Science** with KJV integration and measurable evidence in the submission.

Task

Outline: Produce a structured outline (400+ words) for the main passage in **QUANTUM-101 — Lesson 3: Superposition, Measurement, and Truth-Telling in Science**. 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, QUANTUM, Lesson, Superposition

Week 04

Week 04 Assignment — Discussion Response

Course: QUANTUM-101 · Introduction to Quantum Computing and Christian Stewardship

Week focus: QUANTUM-101 — Lesson 4: Entanglement, Correlation, and Community Metaphors

Learning objective (Bloom's taxonomy)

Students will **explain** course content from **QUANTUM-101 — Lesson 4: Entanglement, Correlation, and Community Metaphors** 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, QUANTUM, Lesson, Entanglement

Week 05

Week 05 Assignment — Practical Ministry Step

Course: QUANTUM-101 · Introduction to Quantum Computing and Christian Stewardship

Week focus: QUANTUM-101 — Lesson 5: Quantum Gates and Circuit Thinking

Learning objective (Bloom's taxonomy)

Students will **demonstrate** course content from **QUANTUM-101 — Lesson 5: Quantum Gates and Circuit Thinking** with KJV integration and measurable evidence in the submission.

Task

Demonstrate: Complete one practical ministry action tied to **QUANTUM-101 — Lesson 5: Quantum Gates and Circuit Thinking** (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: QUANTUM-101 · Introduction to Quantum Computing and Christian Stewardship

Week focus: QUANTUM-101 — Lesson 6: Algorithms Intro: Deutsch-Jozsa and Honest Hype

Learning objective (Bloom's taxonomy)

Students will **construct** course content from **QUANTUM-101 — Lesson 6: Algorithms Intro: Deutsch-Jozsa and Honest Hype** 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, QUANTUM, Lesson, Algorithms

Week 07

Week 07 Assignment — Cross-Reference Study

Course: QUANTUM-101 · Introduction to Quantum Computing and Christian Stewardship

Week focus: QUANTUM-101 — Lesson 7: Industry Applications: Chemistry, Logistics, Cryptography

Learning objective (Bloom's taxonomy)

Students will **compare** course content from **QUANTUM-101 — Lesson 7: Industry Applications: Chemistry, Logistics, Cryptography** with KJV integration and measurable evidence in the submission.

Task

Compare: Find three cross-references that illuminate **QUANTUM-101 — Lesson 7: Industry Applications: Chemistry, Logistics, Cryptography**. 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, QUANTUM, Lesson, Industry

Week 08

Week 08 Assignment — Historical Context Brief

Course: QUANTUM-101 · Introduction to Quantum Computing and Christian Stewardship

Week focus: QUANTUM-101 — Lesson 8: Post-Quantum Cryptography and Ministry IT Readiness

Learning objective (Bloom's taxonomy)

Students will **describe** course content from **QUANTUM-101 — Lesson 8: Post-Quantum Cryptography and Ministry IT Readiness** with KJV integration and measurable evidence in the submission.

Task

Describe: Write 350 words on historical/literary context for **QUANTUM-101 — Lesson 8: Post-Quantum Cryptography and Ministry IT Readiness**. 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, QUANTUM, Lesson, Quantum

Week 09

Week 09 Assignment — Christological Connection Essay

Course: QUANTUM-101 · Introduction to Quantum Computing and Christian Stewardship

Week focus: QUANTUM-101 — Lesson 9: Ethics, Export Controls, and National Security Wisdom

Learning objective (Bloom's taxonomy)

Students will **evaluate** course content from **QUANTUM-101 — Lesson 9: Ethics, Export Controls, and National Security Wisdom** with KJV integration and measurable evidence in the submission.

Task

Evaluate: Explain how **QUANTUM-101 — Lesson 9: Ethics, Export Controls, and National Security Wisdom** 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, QUANTUM, Lesson, Ethics

Week 10

Week 10 Assignment — Teaching Prep

Course: QUANTUM-101 · Introduction to Quantum Computing and Christian Stewardship

Week focus: QUANTUM-101 — Lesson 10: Workforce Pathways: Research to Technician Roles

Learning objective (Bloom's taxonomy)

Students will **design** course content from **QUANTUM-101 — Lesson 10: Workforce Pathways: Research to Technician Roles** with KJV integration and measurable evidence in the submission.

Task

Design: Prepare a 5-minute teaching outline for **QUANTUM-101 — Lesson 10: Workforce Pathways: Research to Technician Roles** 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, QUANTUM, Lesson, Workforce

Week 11

Week 11 Assignment — Integration & Review

Course: QUANTUM-101 · Introduction to Quantum Computing and Christian Stewardship

Week focus: QUANTUM-101 — Lesson 12: Capstone: Quantum Literacy Brief for Church Leaders

Learning objective (Bloom's taxonomy)

Students will **synthesize** course content from **QUANTUM-101 — Lesson 12: Capstone: Quantum Literacy Brief for Church Leaders** with KJV integration and measurable evidence in the submission.

Task

Synthesize: Synthesize the top five themes from Introduction to Quantum Computing and Christian Stewardship. 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, QUANTUM, Lesson, Capstone

Week 12

Learning objective (Bloom's taxonomy)

Students will **create** an original ministry artifact synthesizing Introduction to Quantum Computing and Christian Stewardship with KJV fidelity and scholarship-gallery quality.

Creative Ministry Project — QUANTUM-101

Course: Introduction to Quantum Computing and Christian Stewardship

Integrate strategic workforce skills with gospel witness. Submit a capstone artifact eligible for the Scholarship Gallery.

Grading

Grading mode: Manual review (creative upload).

Pass: 70%

Rubric (100 points)

Creative Ministry Project

Creative Ministry Project — QUANTUM-101

Course: Introduction to Quantum Computing and Christian Stewardship

Integrate strategic workforce skills with gospel witness. Submit a capstone artifact eligible for the Scholarship Gallery.