

Twice Born Ministry

NET-101: Networking Fundamentals (CompTIA-Style + Ethics)

Course Code: NET-101

Credit Hours: 3

King James Version (KJV) — Sola Scriptura Curriculum

Generated 2026-06-30

Course Description

NET-101: Networking Fundamentals (CompTIA-Style + Ethics)

Course Description

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

This course is part of **Layer 5 — Four-Year Degree Programs** (Track D: Technical / IT / Cloud / AI / Marketing) in the Twice Born Ministry Bible School catalog. **College category:** Networking.

Extends: Extends TECH-702

Course Details

| Field | Value |

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

| **Course Code** | NET-101 |

| **Career Track** | D — Technical / IT / Cloud / AI / Marketing |

| **Catalog Track** | Networking |

| **College Category** | Networking |

| **Credit Hours** | 3 |

| **Weeks** | 12 |

| **Lessons** | 12 |

| **Prerequisites** | TECH-701 |

| **Homeschool Band** | College |

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

| **Source / Resources** | CompTIA Network+ awareness; extends TECH-702 |

TBM Cross-References

- TECH-702

- • TECH-704
- • Proverbs 4:7 (KJV)

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="NET-101"]

Twice Born Ministry Bible School — Layer 4 Career Tracks

Course Modules

NET-101 — Lesson 1: Networks as Infrastructure Stewardship

Introduction

Welcome to Lesson 1 of **Networking Fundamentals (CompTIA-Style + Ethics)** (NET-101). This session explores **Networks as Infrastructure Stewardship** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

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 **Networks as Infrastructure Stewardship**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Networks as Infrastructure Stewardship

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and

conscience.

Practical Focus

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

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

- TECH-702

- • TECH-704
- • Proverbs 4:7 (KJV)

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult Marketing/TBM_MARKETING_PLUGIN.md for plugin settings: Daily Blog, Blog Category, GHF Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Networks as Infrastructure Stewardship should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

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 **Networks as Infrastructure Stewardship** 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 **Networks as Infrastructure Stewardship** 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.

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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NET-101 — Lesson 2: OSI and TCP/IP Models

Introduction

Welcome to Lesson 2 of **Networking Fundamentals (CompTIA-Style + Ethics)** (NET-101). This session explores **OSI and TCP/IP Models** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

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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 — 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 **OSI and TCP/IP Models**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: OSI and TCP/IP Models

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

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

- TECH-702

- TECH-704
- Proverbs 4:7 (KJV)

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult Marketing/TBM_MARKETING_PLUGIN.md for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

OSI and TCP/IP Models should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

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 **OSI and TCP/IP Models** 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 **OSI and TCP/IP Models** 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

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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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NET-101 — Lesson 3: IP Addressing and Subnetting Labs

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 **IP Addressing and Subnetting Labs**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: IP Addressing and Subnetting Labs

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

Competency targets for this lesson:

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

- TECH-702
 - TECH-704
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TBM Marketing / Wavecraft Integration

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Application for Vocation and Ministry

IP Addressing and Subnetting Labs should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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

Lab, Scenario, or Field Exercise

Exercise 3: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

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 **IP Addressing and Subnetting 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 3 Summary: We examined **IP Addressing and Subnetting 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 4. Review SPECIALIZATION_SOURCES.md or Kingdom Capital / TBM Marketing docs as listed in your syllabus.

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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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Historical Figure Spotlight

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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

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.

NET-101 — Lesson 4: DNS, DHCP, and Name Resolution

Introduction

Welcome to Lesson 4 of **Networking Fundamentals (CompTIA-Style + Ethics)** (NET-101). This session explores **DNS, DHCP, and Name Resolution** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

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 **DNS, DHCP, and Name Resolution**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: DNS, DHCP, and Name Resolution

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Practical Focus

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

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

- TECH-702
- • TECH-704
- • Proverbs 4:7 (KJV)

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult Marketing/TBM_MARKETING_PLUGIN.md for plugin settings: Daily Blog, Blog Category, GHF Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

DNS, DHCP, and Name Resolution should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

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 **DNS, DHCP, and Name Resolution** 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 **DNS, DHCP, and Name Resolution** 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).

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.

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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Historical Figure Spotlight

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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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Worship Integration

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Worship Integration

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Historical Figure Spotlight

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NET-101 — Lesson 5: Switching, VLANs, and Spanning Tree Intro

Introduction

Welcome to Lesson 5 of **Networking Fundamentals (CompTIA-Style + Ethics)** (NET-101). This session explores **Switching, VLANs, and Spanning Tree Intro** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

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 **Switching, VLANs, and Spanning Tree Intro**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Switching, VLANs, and Spanning Tree Intro

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

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

- TECH-702

• • TECH-704

- Proverbs 4:7 (KJV)

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult `Marketing/TBM_MARKETING_PLUGIN.md` for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Switching, VLANs, and Spanning Tree Intro should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

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 **Switching, VLANs, and Spanning Tree Intro** 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 **Switching, VLANs, and Spanning Tree Intro** 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).

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.

Historical Figure Spotlight

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Historical Figure Spotlight

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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.

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.

Worship Integration

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Historical Figure Spotlight

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Supplemental Reading and Reflection

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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.

NET-101 — Lesson 6: Routing Protocols and Default Gateways

Introduction

Welcome to Lesson 6 of **Networking Fundamentals (CompTIA-Style + Ethics)** (NET-101). This session explores **Routing Protocols and Default Gateways** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

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 **Routing Protocols and Default Gateways**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Routing Protocols and Default Gateways

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the

Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

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

- TECH-702
- • TECH-704
- • Proverbs 4:7 (KJV)

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult Marketing/TBM_MARKETING_PLUGIN.md for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Routing Protocols and Default Gateways should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

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 **Routing Protocols and Default Gateways** 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 **Routing Protocols and Default Gateways** 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).

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.

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.

NET-101 — Lesson 7: Wireless Standards and Church Wi-Fi Design

Introduction

Welcome to Lesson 7 of **Networking Fundamentals (CompTIA-Style + Ethics)** (NET-101). This session explores **Wireless Standards and Church Wi-Fi Design** within the **Track D — Technical / IT**

/ Cloud / AI / Marketing pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

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 **Wireless Standards and Church Wi-Fi Design**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Wireless Standards and Church Wi-Fi Design

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

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

- TECH-702

- TECH-704
- Proverbs 4:7 (KJV)

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult Marketing/TBM_MARKETING_PLUGIN.md for plugin settings: Daily Blog, Blog Category, GHF Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Wireless Standards and Church Wi-Fi Design should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

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 **Wireless Standards and Church Wi-Fi Design** 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 **Wireless Standards and Church Wi-Fi Design** 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).

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.

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.

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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Historical Figure Spotlight

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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

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

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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.

NET-101 — Lesson 8: Network Troubleshooting Methodology

Introduction

Welcome to Lesson 8 of **Networking Fundamentals (CompTIA-Style + Ethics)** (NET-101). This session explores **Network Troubleshooting Methodology** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

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 **Network Troubleshooting Methodology**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Network Troubleshooting Methodology

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Practical Focus

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

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

- TECH-702
- • TECH-704
- • Proverbs 4:7 (KJV)

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult Marketing/TBM_MARKETING_PLUGIN.md for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Network Troubleshooting Methodology should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

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 **Network Troubleshooting Methodology** 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 **Network Troubleshooting Methodology** 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).

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.

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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Worship Integration

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Historical Figure Spotlight

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Ministry Case Study

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NET-101 — Lesson 9: Firewalls, ACLs, and Zero Trust Intro

Introduction

Welcome to Lesson 9 of **Networking Fundamentals (CompTIA-Style + Ethics)** (NET-101). This session explores **Firewalls, ACLs, and Zero Trust Intro** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

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 **Firewalls, ACLs, and Zero Trust Intro**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Firewalls, ACLs, and Zero Trust Intro

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

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

- TECH-702
- • TECH-704
- • Proverbs 4:7 (KJV)

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult Marketing/TBM_MARKETING_PLUGIN.md for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Firewalls, ACLs, and Zero Trust Intro should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

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 **Firewalls, ACLs, and Zero Trust Intro** 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 **Firewalls, ACLs, and Zero Trust Intro** 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).

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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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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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.

NET-101 — Lesson 10: Monitoring, SNMP, and Privacy

Introduction

Welcome to Lesson 10 of **Networking Fundamentals (CompTIA-Style + Ethics)** (NET-101). This session explores **Monitoring, SNMP, and Privacy** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

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 **Monitoring, SNMP, and Privacy**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Monitoring, SNMP, and Privacy

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Practical Focus

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

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

- TECH-702

- • TECH-704
- • Proverbs 4:7 (KJV)

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult Marketing/TBM_MARKETING_PLUGIN.md for plugin settings: Daily Blog, Blog Category, GHF Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Monitoring, SNMP, and Privacy should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

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 **Monitoring, SNMP, and Privacy** 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 **Monitoring, SNMP, and Privacy** 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).

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.

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

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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Worship Integration

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Worship Integration

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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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NET-101 — Lesson 11: Ethical Hacking vs. Unauthorized Access

Introduction

Welcome to Lesson 11 of **Networking Fundamentals (CompTIA-Style + Ethics)** (NET-101). This session explores **Ethical Hacking vs. Unauthorized Access** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

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 **Ethical Hacking vs. Unauthorized Access**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

Core Teaching

Theme: Ethical Hacking vs. Unauthorized Access

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

Practical Focus

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

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

- TECH-702

- TECH-704
- Proverbs 4:7 (KJV)

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult Marketing/TBM_MARKETING_PLUGIN.md for plugin settings: Daily Blog, Blog Category, GHF Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Ethical Hacking vs. Unauthorized Access should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

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 **Ethical Hacking vs. Unauthorized Access** 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 **Ethical Hacking vs. Unauthorized Access** 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.

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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Historical Figure Spotlight

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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

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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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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NET-101 — Lesson 12: Capstone: Small Office Network Design

Introduction

Welcome to Lesson 12 of **Networking Fundamentals (CompTIA-Style + Ethics)** (NET-101). This session explores **Capstone: Small Office Network Design** within the **Track D — Technical / IT / Cloud / AI / Marketing** pathway at Twice Born Ministry Bible School.

This career track equips digital stewards for ministry and marketplace. Marketing courses cross-reference the TBM Marketing plugin (Wavecraft) and Marketing/TBM_MARKETING_PLUGIN.md.

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: Small Office Network Design**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to

conscience.

Core Teaching

Theme: Capstone: Small Office Network Design

Prove all things; hold fast that which is good (1 Thessalonians 5:21, KJV). Digital tools—AI, cloud platforms, marketing automation—require discernment. Test every workflow against Scripture and conscience.

The heavens declare the glory of God; and the firmament sheweth his handywork (Psalm 19:1, KJV). Technology extends human creativity made in God's image yet must never replace dependence on the Creator.

Practical Focus

OSI model, TCP/IP, subnetting, routing, switching, wireless, and network security ethics.

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

- TECH-702

- TECH-704
- Proverbs 4:7 (KJV)

TBM Marketing / Wavecraft Integration

Where this course touches digital outreach, consult Marketing/TBM_MARKETING_PLUGIN.md for plugin settings: Daily Blog, Blog Category, GHL Integrations, Funnel playbook, and Blog2Social bridges. Configure white-label settings under TBM Marketing → Settings.

Application for Vocation and Ministry

Capstone: Small Office Network Design should change how you work, lead, serve customers, and witness.

Digital practice: Configure a lab environment, diagram, or content draft. Document security and ethics decisions.

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: Build a diagram, wireframe, or configuration checklist. Peer-review for accessibility, security, and ethical messaging.

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: Small Office Network Design** 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: Small Office Network Design** 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).

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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Historical Figure Spotlight

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Appendix A — Assignments

Week 01

Week 01 Assignment — Reflection Journal

Course: NET-101 · Networking Fundamentals (CompTIA-Style + Ethics)

Week focus: NET-101 — Lesson 1: Networks as Infrastructure Stewardship

Learning objective (Bloom's taxonomy)

Students will **analyze** course content from **NET-101 — Lesson 1: Networks as Infrastructure Stewardship** with KJV integration and measurable evidence in the submission.

Task

Analyze: Write a 300–500 word reflection on **NET-101 — Lesson 1: Networks as Infrastructure Stewardship**. 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, Networks, Infrastructure

Week 02

Week 02 Assignment — Memory Verse Application

Course: NET-101 · Networking Fundamentals (CompTIA-Style + Ethics)

Week focus: NET-101 — Lesson 2: OSI and TCP/IP Models

Learning objective (Bloom's taxonomy)

Students will **apply** course content from **NET-101 — Lesson 2: OSI and TCP/IP Models** 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, Models

Week 03

Week 03 Assignment — Expository Outline

Course: NET-101 · Networking Fundamentals (CompTIA-Style + Ethics)

Week focus: NET-101 — Lesson 3: IP Addressing and Subnetting Labs

Learning objective (Bloom's taxonomy)

Students will **outline** course content from **NET-101 — Lesson 3: IP Addressing and Subnetting Labs** with KJV integration and measurable evidence in the submission.

Task

Outline: Produce a structured outline (400+ words) for the main passage in **NET-101 — Lesson 3: IP Addressing and Subnetting Labs**. 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, Addressing, Subnetting

Week 04

Week 04 Assignment — Discussion Response

Course: NET-101 · Networking Fundamentals (CompTIA-Style + Ethics)

Week focus: NET-101 — Lesson 4: DNS, DHCP, and Name Resolution

Learning objective (Bloom's taxonomy)

Students will **explain** course content from **NET-101 — Lesson 4: DNS, DHCP, and Name Resolution** 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, Resolution

Week 05

Week 05 Assignment — Practical Ministry Step

Course: NET-101 · Networking Fundamentals (CompTIA-Style + Ethics)

Week focus: NET-101 — Lesson 5: Switching, VLANs, and Spanning Tree Intro

Learning objective (Bloom's taxonomy)

Students will **demonstrate** course content from **NET-101 — Lesson 5: Switching, VLANs, and Spanning Tree Intro** with KJV integration and measurable evidence in the submission.

Task

Demonstrate: Complete one practical ministry action tied to **NET-101 — Lesson 5: Switching, VLANs, and Spanning Tree Intro** (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: NET-101 · Networking Fundamentals (CompTIA-Style + Ethics)

Week focus: NET-101 — Lesson 6: Routing Protocols and Default Gateways

Learning objective (Bloom's taxonomy)

Students will **construct** course content from **NET-101 — Lesson 6: Routing Protocols and Default Gateways** 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, Routing, Protocols

Week 07

Week 07 Assignment — Cross-Reference Study

Course: NET-101 · Networking Fundamentals (CompTIA-Style + Ethics)

Week focus: NET-101 — Lesson 7: Wireless Standards and Church Wi-Fi Design

Learning objective (Bloom's taxonomy)

Students will **compare** course content from **NET-101 — Lesson 7: Wireless Standards and Church Wi-Fi Design** with KJV integration and measurable evidence in the submission.

Task

Compare: Find three cross-references that illuminate **NET-101 — Lesson 7: Wireless Standards and Church Wi-Fi Design**. 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, Wireless, Standards

Week 08

Week 08 Assignment — Historical Context Brief

Course: NET-101 · Networking Fundamentals (CompTIA-Style + Ethics)

Week focus: NET-101 — Lesson 8: Network Troubleshooting Methodology

Learning objective (Bloom's taxonomy)

Students will **describe** course content from **NET-101 — Lesson 8: Network Troubleshooting Methodology** with KJV integration and measurable evidence in the submission.

Task

Describe: Write 350 words on historical/literary context for **NET-101 — Lesson 8: Network Troubleshooting Methodology**. 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, Network, Troubleshooting

Week 09

Week 09 Assignment — Christological Connection Essay

Course: NET-101 · Networking Fundamentals (CompTIA-Style + Ethics)

Week focus: NET-101 — Lesson 9: Firewalls, ACLs, and Zero Trust Intro

Learning objective (Bloom's taxonomy)

Students will **evaluate** course content from **NET-101 — Lesson 9: Firewalls, ACLs, and Zero Trust Intro** with KJV integration and measurable evidence in the submission.

Task

Evaluate: Explain how **NET-101 — Lesson 9: Firewalls, ACLs, and Zero Trust Intro** 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, Firewalls, Trust

Week 10

Week 10 Assignment — Teaching Prep

Course: NET-101 · Networking Fundamentals (CompTIA-Style + Ethics)

Week focus: NET-101 — Lesson 10: Monitoring, SNMP, and Privacy

Learning objective (Bloom's taxonomy)

Students will **design** course content from **NET-101 — Lesson 10: Monitoring, SNMP, and Privacy** with KJV integration and measurable evidence in the submission.

Task

Design: Prepare a 5-minute teaching outline for **NET-101 — Lesson 10: Monitoring, SNMP, and Privacy** 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, Monitoring, Privacy

Week 11

Week 11 Assignment — Integration & Review

Course: NET-101 · Networking Fundamentals (CompTIA-Style + Ethics)

Week focus: NET-101 — Lesson 12: Capstone: Small Office Network Design

Learning objective (Bloom's taxonomy)

Students will **synthesize** course content from **NET-101 — Lesson 12: Capstone: Small Office Network Design** with KJV integration and measurable evidence in the submission.

Task

Synthesize: Synthesize the top five themes from Networking Fundamentals (CompTIA-Style + Ethics). 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, Small

Week 12

Learning objective (Bloom's taxonomy)

Students will **create** an original ministry artifact synthesizing Networking Fundamentals (CompTIA-Style + Ethics) with KJV fidelity and scholarship-gallery quality.

Creative Ministry Project — NET-101

Course: Networking Fundamentals (CompTIA-Style + Ethics)

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 — NET-101

Course: Networking Fundamentals (CompTIA-Style + Ethics)

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.