

Twice Born Ministry

# **STEM-ENG-302: Applied Engineering Projects: Advanced II**

Course Code: STEM-ENG-302

King James Version (KJV) — Sola Scriptura Curriculum

Generated 2026-07-03

## Course Description

### STEM-ENG-302: Applied Engineering Projects: Advanced II

#### ## Course Description

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

This course is part of **Layer 4 — Expansion Tracks — Career Tracks** (Track E: STEM / Mathematics / Sciences) in the Twice Born Ministry Bible School catalog. **College category:** STEM & Trades.

#### ## Course Details

| Field | Value |

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

| **Course Code** | STEM-ENG-302 |

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

| **Catalog Track** | Applied Engineering Projects |

| **College Category** | STEM & Trades |

| **Credit Hours** | 3 |

| **Weeks** | 12 |

| **Lessons** | 12 |

| **Prerequisites** | STEM-ENG-301 |

| **Homeschool Band** | College |

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

| **Source / Resources** | TBM expansion catalog 2026; KJV worldview integration |

#### ## TBM Cross-References

- BS-FND-100

- • 2 Timothy 3:16-17 (KJV)
- • Colossians 3:23 (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="STEM-ENG-302"]

*Twice Born Ministry Bible School — Layer 4 — Expansion Tracks Career Tracks*

## Course Modules

# STEM-ENG-302 — Lesson 1: Introduction and Biblical Stewardship Foundations — Applied Engineering Projects (Advanced II)

## Introduction

Welcome to Lesson 1 of **Applied Engineering Projects: Advanced II** (STEM-ENG-302). This session explores **Introduction and Biblical Stewardship Foundations — Applied Engineering Projects (Advanced II)** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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

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

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

### *Christian Ethics Integration —" Stewardship*

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

Apply this principle while studying **Introduction and Biblical Stewardship Foundations — Applied Engineering Projects (Advanced II)**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

## Core Teaching

### Theme: Introduction and Biblical Stewardship Foundations — Applied Engineering Projects (Advanced II)

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

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

#### ### Practical Focus

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

#### 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

- BS-FND-100
- • 2 Timothy 3:16-17 (KJV)
- • Colossians 3:23 (KJV)

### Application for Vocation and Ministry

**Introduction and Biblical Stewardship Foundations — Applied Engineering Projects (Advanced II)** should change how you work, lead, serve customers, and witness.

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

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

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

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

## Lab, Scenario, or Field Exercise

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

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

## Discussion Questions

How does **Introduction and Biblical Stewardship Foundations — Applied Engineering Projects (Advanced II)** 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 **Introduction and Biblical Stewardship Foundations — Applied Engineering Projects (Advanced II)** 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).*

## Ministry Case Study

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

## Ministry Case Study

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## 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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## 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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# STEM-ENG-302 — Lesson 2: Core Vocabulary, Tools, and Safety Ethics — Applied Engineering Projects (Advanced II)

## Introduction

Welcome to Lesson 2 of **Applied Engineering Projects: Advanced II** (STEM-ENG-302). This session explores **Core Vocabulary, Tools, and Safety Ethics — Applied Engineering Projects (Advanced II)** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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

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

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

### ***Christian Ethics Integration —” Truth***

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

Apply this principle while studying **Core Vocabulary, Tools, and Safety Ethics — Applied Engineering Projects (Advanced II)**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

## **Core Teaching**

### Theme: Core Vocabulary, Tools, and Safety Ethics — Applied Engineering Projects (Advanced II)

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

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

### Practical Focus

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

### **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

- BS-FND-100

- 2 Timothy 3:16-17 (KJV)
- Colossians 3:23 (KJV)

## Application for Vocation and Ministry

**Core Vocabulary, Tools, and Safety Ethics — Applied Engineering Projects (Advanced II)** should change how you work, lead, serve customers, and witness.

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

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

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

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

## Lab, Scenario, or Field Exercise

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

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

## Discussion Questions

How does **Core Vocabulary, Tools, and Safety Ethics — Applied Engineering Projects (Advanced II)** 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 **Core Vocabulary, Tools, and Safety Ethics — Applied Engineering Projects (Advanced II)** through scripture, vocational standards, and ministry application.

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

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

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## Supplemental Reading and Reflection

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

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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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.

# STEM-ENG-302 — Lesson 3: Guided Skill Building I — Applied Engineering Projects (Advanced II)

## Introduction

Welcome to Lesson 3 of **Applied Engineering Projects: Advanced II** (STEM-ENG-302). This session explores **Guided Skill Building I — Applied Engineering Projects (Advanced II)** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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

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

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

### *Christian Ethics Integration —" Wisdom*

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

Apply this principle while studying **Guided Skill Building I — Applied Engineering Projects (Advanced II)**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

## Core Teaching

### Theme: Guided Skill Building I — Applied Engineering Projects (Advanced II)

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

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

#### ### Practical Focus

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

#### 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

- BS-FND-100
- • 2 Timothy 3:16-17 (KJV)
- • Colossians 3:23 (KJV)

## Application for Vocation and Ministry

**Guided Skill Building I — Applied Engineering Projects (Advanced II)** should change how you work, lead, serve customers, and witness.

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

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

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



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

## Lab, Scenario, or Field Exercise

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

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

## Discussion Questions

How does **Guided Skill Building I — Applied Engineering Projects (Advanced II)** 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 **Guided Skill Building I — Applied Engineering Projects (Advanced II)** 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.

*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.

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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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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.

## Worship Integration

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

## Worship Integration

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

# STEM-ENG-302 — Lesson 4: Guided Skill Building II — Applied Engineering Projects (Advanced II)

## Introduction

Welcome to Lesson 4 of **Applied Engineering Projects: Advanced II** (STEM-ENG-302). This session explores **Guided Skill Building II — Applied Engineering Projects (Advanced II)** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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

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

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

### ***Christian Ethics Integration —” Stewardship***

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

Apply this principle while studying **Guided Skill Building II — Applied Engineering Projects (Advanced II)**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

## **Core Teaching**

### Theme: Guided Skill Building II — Applied Engineering Projects (Advanced II)

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

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

### Practical Focus

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

### **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

- BS-FND-100

- 2 Timothy 3:16-17 (KJV)
- Colossians 3:23 (KJV)

## Application for Vocation and Ministry

**Guided Skill Building II — Applied Engineering Projects (Advanced II)** should change how you work, lead, serve customers, and witness.

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

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

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

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

## Lab, Scenario, or Field Exercise

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

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

## Discussion Questions

How does **Guided Skill Building II — Applied Engineering Projects (Advanced II)** 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 **Guided Skill Building II — Applied Engineering Projects (Advanced II)** 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).*

## 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.

## 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.

## Historical Figure Spotlight

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

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## Worship Integration

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## Supplemental Reading and Reflection

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.

## Ministry Case Study

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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.

## 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.

## STEM-ENG-302 — Lesson 5: Case Studies and Real-World Scenarios — Applied Engineering Projects (Advanced II)

### Introduction

Welcome to Lesson 5 of **Applied Engineering Projects: Advanced II** (STEM-ENG-302). This session explores **Case Studies and Real-World Scenarios — Applied Engineering Projects (Advanced II)** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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

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

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

### *Christian Ethics Integration —" Truth*

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

Apply this principle while studying **Case Studies and Real-World Scenarios — Applied Engineering Projects (Advanced II)**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

### Core Teaching

### Theme: Case Studies and Real-World Scenarios — Applied Engineering Projects (Advanced II)

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

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

#### ### Practical Focus

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

#### 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

- BS-FND-100
- • 2 Timothy 3:16-17 (KJV)
- • Colossians 3:23 (KJV)

### Application for Vocation and Ministry

**Case Studies and Real-World Scenarios — Applied Engineering Projects (Advanced II)** should change how you work, lead, serve customers, and witness.

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

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

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

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

## Lab, Scenario, or Field Exercise

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

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

## Discussion Questions

How does **Case Studies and Real-World Scenarios — Applied Engineering Projects (Advanced II)** 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 **Case Studies and Real-World Scenarios — Applied Engineering Projects (Advanced II)** 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).*

## 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.

## 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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## 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.

## 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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## Worship Integration

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

## Worship Integration

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

## Worship Integration

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

## Worship Integration

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

## Historical Figure Spotlight

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

## Historical Figure Spotlight

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

## Supplemental Reading and Reflection

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

## 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.

# STEM-ENG-302 — Lesson 6: Integration with Church and Community Ministry — Applied Engineering Projects (Advanced II)

## Introduction

Welcome to Lesson 6 of **Applied Engineering Projects: Advanced II** (STEM-ENG-302). This session explores **Integration with Church and Community Ministry — Applied Engineering Projects (Advanced II)** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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

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

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

### ***Christian Ethics Integration —” Wisdom***

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

Apply this principle while studying **Integration with Church and Community Ministry — Applied Engineering Projects (Advanced II)**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

## **Core Teaching**

### Theme: Integration with Church and Community Ministry — Applied Engineering Projects (Advanced II)

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

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

### Practical Focus

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

### **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

- BS-FND-100

- 2 Timothy 3:16-17 (KJV)
- Colossians 3:23 (KJV)

## Application for Vocation and Ministry

**Integration with Church and Community Ministry — Applied Engineering Projects (Advanced II)** should change how you work, lead, serve customers, and witness.

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

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

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

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

## Lab, Scenario, or Field Exercise

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

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

## Discussion Questions

How does **Integration with Church and Community Ministry — Applied Engineering Projects (Advanced II)** 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 **Integration with Church and Community Ministry — Applied Engineering Projects (Advanced II)** 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).*

## Worship Integration

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

## Worship Integration

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

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## Ministry Case Study

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

## Ministry Case Study

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## 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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## Historical Figure Spotlight

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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.

# STEM-ENG-302 — Lesson 7: Research, Documentation, and Professional Integrity — Applied Engineering Projects (Advanced II)

## Introduction

Welcome to Lesson 7 of **Applied Engineering Projects: Advanced II** (STEM-ENG-302). This session explores **Research, Documentation, and Professional Integrity — Applied Engineering Projects (Advanced II)** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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

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

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

### *Christian Ethics Integration —" Stewardship*

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

Apply this principle while studying **Research, Documentation, and Professional Integrity — Applied Engineering Projects (Advanced II)**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

## Core Teaching

### Theme: Research, Documentation, and Professional Integrity — Applied Engineering Projects (Advanced II)

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

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

### Practical Focus

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

### 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

- BS-FND-100
- • 2 Timothy 3:16-17 (KJV)
- • Colossians 3:23 (KJV)

## Application for Vocation and Ministry

**Research, Documentation, and Professional Integrity — Applied Engineering Projects (Advanced II)** should change how you work, lead, serve customers, and witness.

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

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

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

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

## Lab, Scenario, or Field Exercise

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

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

## Discussion Questions

How does **Research, Documentation, and Professional Integrity — Applied Engineering Projects (Advanced II)** 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 **Research, Documentation, and Professional Integrity — Applied Engineering Projects (Advanced II)** through scripture, vocational standards, and ministry application.

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

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

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

## Historical Figure Spotlight

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

## Worship Integration

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

## Worship Integration

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

## 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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## Supplemental Reading and Reflection

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## STEM-ENG-302 — Lesson 8: Advanced Application and Problem Solving — Applied Engineering Projects (Advanced II)

### Introduction

Welcome to Lesson 8 of **Applied Engineering Projects: Advanced II** (STEM-ENG-302). This session explores **Advanced Application and Problem Solving — Applied Engineering Projects (Advanced II)** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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

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

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

### *Christian Ethics Integration —" Truth*

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

Apply this principle while studying **Advanced Application and Problem Solving — Applied Engineering Projects (Advanced II)**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

### Core Teaching

### Theme: Advanced Application and Problem Solving — Applied Engineering Projects (Advanced II)

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

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

### ### Practical Focus

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

#### **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**

- BS-FND-100
- • 2 Timothy 3:16-17 (KJV)
- • Colossians 3:23 (KJV)

## **Application for Vocation and Ministry**

**Advanced Application and Problem Solving — Applied Engineering Projects (Advanced II)** should change how you work, lead, serve customers, and witness.

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

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

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

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

## Lab, Scenario, or Field Exercise

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

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

## Discussion Questions

How does **Advanced Application and Problem Solving — Applied Engineering Projects (Advanced II)** 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 **Advanced Application and Problem Solving — Applied Engineering Projects (Advanced II)** 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).*

## Historical Figure Spotlight

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

## Supplemental Reading and Reflection

Assign one chapter from a standard systematic theology textbook or equivalent lecture notes. Summarize the author's definitions, note where Scripture proofs appear, and evaluate whether the

Bible truly supports each claim. Theology students must read widely yet judge all teaching by the Word. Write a half-page response connecting supplemental reading to this lesson's theme.

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## Ministry Case Study

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

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## Worship Integration

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

## 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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## Ministry Case Study

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# STEM-ENG-302 — Lesson 9: Ethics, Law, and Kingdom Priorities — Applied Engineering Projects (Advanced II)

## Introduction

Welcome to Lesson 9 of **Applied Engineering Projects: Advanced II** (STEM-ENG-302). This session explores **Ethics, Law, and Kingdom Priorities — Applied Engineering Projects (Advanced II)** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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

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



prerequisites before advanced modules.

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

### ***Christian Ethics Integration —” Wisdom***

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

Apply this principle while studying **Ethics, Law, and Kingdom Priorities — Applied Engineering Projects (Advanced II)**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

## **Core Teaching**

### Theme: Ethics, Law, and Kingdom Priorities — Applied Engineering Projects (Advanced II)

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

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

### Practical Focus

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

### **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

- BS-FND-100

- 2 Timothy 3:16-17 (KJV)
- Colossians 3:23 (KJV)

## Application for Vocation and Ministry

**Ethics, Law, and Kingdom Priorities — Applied Engineering Projects (Advanced II)** should change how you work, lead, serve customers, and witness.

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

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

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

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

## Lab, Scenario, or Field Exercise

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

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

## Discussion Questions

How does **Ethics, Law, and Kingdom Priorities — Applied Engineering Projects (Advanced II)** align with Colossians 3:23 ("as to the Lord")?

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

Which prerequisite course or TBM resource best supports this lesson?

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

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

## Summary and Next Steps

**Lesson 9 Summary:** We examined **Ethics, Law, and Kingdom Priorities — Applied Engineering Projects (Advanced II)** 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.

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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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## Historical Figure Spotlight

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## Historical Figure Spotlight

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## Ministry Case Study

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## STEM-ENG-302 — Lesson 10: Collaborative Project and Peer Review — Applied Engineering Projects (Advanced II)

### Introduction

Welcome to Lesson 10 of **Applied Engineering Projects: Advanced II** (STEM-ENG-302). This session explores **Collaborative Project and Peer Review — Applied Engineering Projects (Advanced II)** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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

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

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

### *Christian Ethics Integration —" Stewardship*

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

Apply this principle while studying **Collaborative Project and Peer Review — Applied Engineering Projects (Advanced II)**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

### Core Teaching

### Theme: Collaborative Project and Peer Review — Applied Engineering Projects (Advanced II)

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

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

#### ### Practical Focus

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

#### 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

- BS-FND-100
- • 2 Timothy 3:16-17 (KJV)
- • Colossians 3:23 (KJV)

## Application for Vocation and Ministry

**Collaborative Project and Peer Review — Applied Engineering Projects (Advanced II)** should change how you work, lead, serve customers, and witness.

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

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

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

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

## Lab, Scenario, or Field Exercise

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

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

## Discussion Questions

How does **Collaborative Project and Peer Review — Applied Engineering Projects (Advanced II)** 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 **Collaborative Project and Peer Review — Applied Engineering Projects (Advanced II)** 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).*

## 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.

## Worship Integration

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

## Ministry Case Study

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

## Worship Integration

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

## **Worship Integration**

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

## **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.

## **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.

## Ministry Case Study

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

## Ministry Case Study

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.

# STEM-ENG-302 — Lesson 11: Mid-Course Synthesis and Review — Applied Engineering Projects (Advanced II)

## Introduction

Welcome to Lesson 11 of **Applied Engineering Projects: Advanced II** (STEM-ENG-302). This session explores **Mid-Course Synthesis and Review — Applied Engineering Projects (Advanced II)** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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

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

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

### ***Christian Ethics Integration —” Truth***

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

Apply this principle while studying **Mid-Course Synthesis and Review — Applied Engineering Projects (Advanced II)**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

## **Core Teaching**

### Theme: Mid-Course Synthesis and Review — Applied Engineering Projects (Advanced II)

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

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

### Practical Focus

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

### **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

- BS-FND-100

- 2 Timothy 3:16-17 (KJV)
- Colossians 3:23 (KJV)

## Application for Vocation and Ministry

**Mid-Course Synthesis and Review — Applied Engineering Projects (Advanced II)** should change how you work, lead, serve customers, and witness.

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

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

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

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

## Lab, Scenario, or Field Exercise

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

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

## Discussion Questions

How does **Mid-Course Synthesis and Review — Applied Engineering Projects (Advanced II)** 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 **Mid-Course Synthesis and Review — Applied Engineering Projects (Advanced II)** 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).*

## Worship Integration

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

## Worship Integration

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

## 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.

## Ministry Case Study

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## Supplemental Reading and Reflection

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## Historical Figure Spotlight

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

## 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.

## 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.

## 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.



## 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.

# STEM-ENG-302 — Lesson 12: Capstone: Ministry-Integrated Mastery Project — Applied Engineering Projects (Advanced II)

## Introduction

Welcome to Lesson 12 of **Applied Engineering Projects: Advanced II** (STEM-ENG-302). This session explores **Capstone: Ministry-Integrated Mastery Project — Applied Engineering Projects (Advanced II)** within the **Track E — STEM / Mathematics / Sciences** pathway at Twice Born Ministry Bible School.

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

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

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

### *Christian Ethics Integration —" Wisdom*

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

Apply this principle while studying **Capstone: Ministry-Integrated Mastery Project — Applied Engineering Projects (Advanced II)**: document ethical decisions, cite KJV where appropriate, and identify when professional practice must yield to conscience.

## Core Teaching

### ### Theme: Capstone: Ministry-Integrated Mastery Project — Applied Engineering Projects (Advanced II)

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

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

### ### Practical Focus

College-level applied engineering projects — advanced ii. Rigorous skill-building with Christ-first ethics and KJV anchors. 2 Timothy 3:16-17 (KJV); Colossians 3:23 (KJV)

#### **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**

- BS-FND-100
- • 2 Timothy 3:16-17 (KJV)
- • Colossians 3:23 (KJV)

## **Application for Vocation and Ministry**

**Capstone: Ministry-Integrated Mastery Project — Applied Engineering Projects (Advanced II)** should change how you work, lead, serve customers, and witness.

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

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

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

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

## Lab, Scenario, or Field Exercise

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

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

## Discussion Questions

How does **Capstone: Ministry-Integrated Mastery Project — Applied Engineering Projects (Advanced II)** 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: Ministry-Integrated Mastery Project — Applied Engineering Projects (Advanced II)** 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.

## 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.

## Ministry Case Study

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

## Ministry Case Study

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

## Historical Figure Spotlight

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

## Supplemental Reading and Reflection

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

## Supplemental Reading and Reflection

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## Historical Figure Spotlight

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

## Historical Figure Spotlight

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

## Ministry Case Study

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

## Ministry Case Study

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.

## 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.

## 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.

## Appendix A — Assignments

### Week 01

## Week 01 Assignment — Reflection Journal

**Course:** STEM-ENG-302 · Advanced II

**Week focus:** STEM-ENG-302 — Lesson 1: Introduction and Biblical Stewardship Foundations — Applied Engineering Projects (Advanced II)

### Learning objective (Bloom's taxonomy)

Students will **analyze** course content from **STEM-ENG-302 — Lesson 1: Introduction and Biblical Stewardship Foundations — Applied Engineering Projects (Advanced II)** with KJV integration and measurable evidence in the submission.

### Task

**Analyze:** Write a 300–500 word reflection on **STEM-ENG-302 — Lesson 1: Introduction and Biblical Stewardship Foundations — Applied Engineering Projects (Advanced II)**. 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, Introduction, Biblical

### Week 02

## Week 02 Assignment — Memory Verse Application

**Course:** STEM-ENG-302 · Advanced II

**Week focus:** STEM-ENG-302 — Lesson 2: Core Vocabulary, Tools, and Safety Ethics — Applied Engineering Projects (Advanced II)

## Learning objective (Bloom's taxonomy)

Students will **apply** course content from **STEM-ENG-302 — Lesson 2: Core Vocabulary, Tools, and Safety Ethics — Applied Engineering Projects (Advanced II)** 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, Vocabulary, Tools

## Week 03

# Week 03 Assignment — Expository Outline

**Course:** STEM-ENG-302 · Advanced II

**Week focus:** STEM-ENG-302 — Lesson 3: Guided Skill Building I — Applied Engineering Projects (Advanced II)

## Learning objective (Bloom's taxonomy)



Students will **outline** course content from **STEM-ENG-302 — Lesson 3: Guided Skill Building I — Applied Engineering Projects (Advanced II)** with KJV integration and measurable evidence in the submission.

## Task

**Outline:** Produce a structured outline (400+ words) for the main passage in **STEM-ENG-302 — Lesson 3: Guided Skill Building I — Applied Engineering Projects (Advanced II)**. 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, Guided, Skill

## Week 04

# Week 04 Assignment — Discussion Response

**Course:** STEM-ENG-302 · Advanced II

**Week focus:** STEM-ENG-302 — Lesson 4: Guided Skill Building II — Applied Engineering Projects (Advanced II)

## Learning objective (Bloom's taxonomy)

Students will **explain** course content from **STEM-ENG-302 — Lesson 4: Guided Skill Building II — Applied Engineering Projects (Advanced II)** 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, Guided, Skill

## Week 05

# Week 05 Assignment — Practical Ministry Step

**Course:** STEM-ENG-302 · Advanced II

**Week focus:** STEM-ENG-302 — Lesson 5: Case Studies and Real-World Scenarios — Applied Engineering Projects (Advanced II)

## Learning objective (Bloom's taxonomy)

Students will **demonstrate** course content from **STEM-ENG-302 — Lesson 5: Case Studies and Real-World Scenarios — Applied Engineering Projects (Advanced II)** with KJV integration and measurable evidence in the submission.

## Task

**Demonstrate:** Complete one practical ministry action tied to **STEM-ENG-302 — Lesson 5: Case Studies and Real-World Scenarios — Applied Engineering Projects (Advanced II)** (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:** STEM-ENG-302 · Advanced II

**Week focus:** STEM-ENG-302 — Lesson 6: Integration with Church and Community Ministry — Applied Engineering Projects (Advanced II)

## Learning objective (Bloom's taxonomy)

Students will **construct** course content from **STEM-ENG-302 — Lesson 6: Integration with Church and Community Ministry — Applied Engineering Projects (Advanced II)** 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, Integration, Church

## Week 07

## Week 07 Assignment — Cross-Reference Study

**Course:** STEM-ENG-302 · Advanced II

**Week focus:** STEM-ENG-302 — Lesson 7: Research, Documentation, and Professional Integrity — Applied Engineering Projects (Advanced II)

### Learning objective (Bloom's taxonomy)

Students will **compare** course content from **STEM-ENG-302 — Lesson 7: Research, Documentation, and Professional Integrity — Applied Engineering Projects (Advanced II)** with KJV integration and measurable evidence in the submission.

### Task

**Compare:** Find three cross-references that illuminate **STEM-ENG-302 — Lesson 7: Research, Documentation, and Professional Integrity — Applied Engineering Projects (Advanced II)**. 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, Research, Documentation

## Week 08

## Week 08 Assignment — Historical Context Brief

**Course:** STEM-ENG-302 · Advanced II

**Week focus:** STEM-ENG-302 — Lesson 8: Advanced Application and Problem Solving — Applied Engineering Projects (Advanced II)

## Learning objective (Bloom's taxonomy)

Students will **describe** course content from **STEM-ENG-302 — Lesson 8: Advanced Application and Problem Solving — Applied Engineering Projects (Advanced II)** with KJV integration and measurable evidence in the submission.

## Task

**Describe:** Write 350 words on historical/literary context for **STEM-ENG-302 — Lesson 8: Advanced Application and Problem Solving — Applied Engineering Projects (Advanced II)**. 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, Advanced, Application

## Week 09

# Week 09 Assignment — Christological Connection Essay

**Course:** STEM-ENG-302 · Advanced II

**Week focus:** STEM-ENG-302 — Lesson 9: Ethics, Law, and Kingdom Priorities — Applied Engineering Projects (Advanced II)

## Learning objective (Bloom's taxonomy)

Students will **evaluate** course content from **STEM-ENG-302 — Lesson 9: Ethics, Law, and Kingdom Priorities — Applied Engineering Projects (Advanced II)** with KJV integration and measurable evidence in the submission.

## Task

**Evaluate:** Explain how **STEM-ENG-302 — Lesson 9: Ethics, Law, and Kingdom Priorities — Applied Engineering Projects (Advanced II)** points to Christ in 400–600 words. Use literal-grammatical-historical method.

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

## Grading

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

**Pass:** 70%

*Rubric (100 points)*

## Auto-grade hints

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

## Week 10

### Week 10 Assignment — Teaching Prep

**Course:** STEM-ENG-302 · Advanced II

**Week focus:** STEM-ENG-302 — Lesson 10: Collaborative Project and Peer Review — Applied Engineering Projects (Advanced II)

## Learning objective (Bloom's taxonomy)

Students will **design** course content from **STEM-ENG-302 — Lesson 10: Collaborative Project and Peer Review — Applied Engineering Projects (Advanced II)** with KJV integration and measurable evidence in the submission.

## Task

**Design:** Prepare a 5-minute teaching outline for **STEM-ENG-302 — Lesson 10: Collaborative Project and Peer Review — Applied Engineering Projects (Advanced II)** 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, Collaborative, Project

## Week 11

# Week 11 Assignment — Integration & Review

**Course:** STEM-ENG-302 · Advanced II

**Week focus:** STEM-ENG-302 — Lesson 12: Capstone: Ministry-Integrated Mastery Project — Applied Engineering Projects (Advanced II)

## Learning objective (Bloom's taxonomy)

Students will **synthesize** course content from **STEM-ENG-302 — Lesson 12: Capstone: Ministry-Integrated Mastery Project — Applied Engineering Projects (Advanced II)** with KJV integration and measurable evidence in the submission.

## Task

**Synthesize:** Synthesize the top five themes from Advanced II. 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, Ministry

**Week 12****Learning objective (Bloom's taxonomy)**

Students will **create** an original ministry artifact synthesizing Advanced II with KJV fidelity and scholarship-gallery quality.

**Creative Ministry Project — STEM-ENG-302**

**Course:** Applied Engineering Projects: Advanced II

Integrate professional skills from **Applied Engineering Projects** with gospel witness. Submit a capstone artifact (report, demo, portfolio piece, or ministry plan) with KJV integration and rubric self-assessment. Minimum 70% to pass; 75% for Kingdom Excellence distinction.

**Rubric****Grading**

**Grading mode:** Manual review (creative upload).

**Pass:** 70%

***Rubric (100 points)*****Creative Ministry Project****Creative Ministry Project — STEM-ENG-302**

**Course:** Applied Engineering Projects: Advanced II



Integrate professional skills from **Applied Engineering Projects** with gospel witness. Submit a capstone artifact (report, demo, portfolio piece, or ministry plan) with KJV integration and rubric self-assessment. Minimum 70% to pass; 75% for Kingdom Excellence distinction.

## Rubric