

Faith, Work & Technical Integrity

MRR-RV235 • Original optional Christian formation companion • 15 weeks

This is a voluntary Scripture-centered companion, not a required element of the technical course and not part of any proposed credit-hour calculation. It is not affiliated with or endorsed by any specific seminary, university, minister, or accreditation organization. The student technical curriculum is fully usable without this component.

Guiding disciplines: honest testimony, charitable service, intellectual humility, stewardship, diligence, and attention to the neighbor who depends on safe workmanship.

Week 01: Capstone question, scope, stakeholder and ethics charter

Scripture for study: Proverbs 2:1-6. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

Christian vocation joins conviction with accountable practice. In this week, examine how the technical claim is supported, what it leaves unresolved, and whether a customer would be served by hearing both the evidence and its limitations. Excellence in craftsmanship should be testable: accurate measurements, clear records, a willingness to correct error, and a refusal to conceal risk.

Reflection: What would integrity look like in the capstone question, scope, stakeholder and ethics charter case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 02: Literature review, standards hierarchy and evidence quality

Scripture for study: James 3:1. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the literature review, standards hierarchy and evidence quality case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 03: Research design, sampling and measurement assurance

Scripture for study: Proverbs 19:2. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the research design, sampling and measurement assurance case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 04: Reliability modeling and survival-analysis assumptions

Scripture for study: Proverbs 14:25. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the reliability modeling and survival-analysis assumptions case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 05: Root cause analysis: electrical and control evidence

Scripture for study: Ephesians 4:25. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the root cause analysis: electrical and control evidence case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 06: Root cause analysis: moisture, climate and materials

Scripture for study: Proverbs 16:11. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the root cause analysis: moisture, climate and materials case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 07: Lifecycle costing and economically defensible maintenance

Scripture for study: Luke 16:10. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the lifecycle costing and economically defensible maintenance case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 08: Quality systems, control charts and corrective action

Scripture for study: Proverbs 20:10. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the quality systems, control charts and corrective action case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 09: Supply chain, discontinued parts and compatibility governance

Scripture for study: Romans 12:17. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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and its limitations. Excellence in craftsmanship should be testable: accurate measurements, clear records, a willingness to correct error, and a refusal to conceal risk.

Reflection: What would integrity look like in the supply chain, discontinued parts and compatibility governance case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 10: Risk regulation, compliance and professional liability

Scripture for study: Micah 6:8. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the risk regulation, compliance and professional liability case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 11: Service operations, human factors and diagnostic throughput

Scripture for study: Philippians 2:4. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the service operations, human factors and diagnostic throughput case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 12: Capstone protocol execution and intervention test

Scripture for study: Proverbs 15:31. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the capstone protocol execution and intervention test case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 13: Technical report, data provenance and reproducibility

Scripture for study: 1 Thessalonians 5:21. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the technical report, data provenance and reproducibility case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 14: Stakeholder review, critique and decision defense

Scripture for study: Proverbs 27:17. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the stakeholder review, critique and decision defense case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that acknowledges uncertainty, protects the customer, and serves the truth.

Week 15: Final capstone exhibition, written exam and oral defense

Scripture for study: 1 Corinthians 10:31. Read the passage in context and consider its original audience and application rather than treating it as a mechanical design manual.

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Reflection: What would integrity look like in the final capstone exhibition, written exam and oral defense case if the most profitable recommendation were not the best-supported one? Draft a 150-word application that

acknowledges uncertainty, protects the customer, and serves the truth.

Educational note

These reflections are original MRR companion material and not a reproduction of the theology, lectures, or pedagogy of any named author. Faith reflections are voluntary and do not replace objective technical performance assessments.