
Appendix H: Outline of Semester Videos

WEEK 2



Perspective: Thinking Theologically

1. Course Introduction: • What kind of course is this? • Stratification of Truth • Course outline • Why study the past? • Love and the Cosmos
2. Models of God and Nature
3. Science and Religion
4. Why Focus on T. F. Torrance and C. S. Lewis?
5. Christian Theological Instinct
6. Conclusion

Application: Flat Earth Myth



1. Introduction
2. How did they know the spherical shape of the Earth?
3. Did it last?
4. Nicole Oresme, 14th century
5. What about Columbus?
6. The True Flat Earth Myth
7. How could we be so wrong?

WEEK 3



Perspective: Language and Reality

1. Introduction
2. Incarnation and Trinity
3. Theology and the Sciences
4. Semantic Reference
5. Translation
6. Conclusion

Application: The Galileo Affair

1. Video 1 – Galileo: A Guided Tour
 1. Foundations of Mathematical Physics
 2. Early Years
 3. The Telescope and Starry Messenger
 4. Triumph in Rome
 5. Scripture and Copernicanism
 6. A New Pope and a New Dialogue
 7. The Trial of Galileo
 8. Later Years
2. Video 2 – Galileo and the Bible



WEEK 4



Perspective: Knowing Kata-physin

1. Introduction: The Scientific Method
2. Incurved knowing
3. *Kata physin*
4. C. S. Lewis on knowing
5. The Known and the Unknown
6. Conclusion



Application: Interdisciplinary Relations

1. Introduction: *Kata physin* implications
2. Tuscany and the World of Galileo
3. Art and Astronomy
4. Music and Astronomy
5. Theology and Astronomy
6. Conclusion – Theological reflections

WEEK 5



Perspective: Being and Relation

1. Introduction
2. “Why should equations fly?”
3. Incarnation and Creation
4. Ancient and Medieval Space and Time
5. Newtonian Space and Time
6. Conclusion



Application: Relational Physics (and Genesis 1)

1. Introduction
2. Maxwell and Field Theory
3. Einstein and Relativity
4. The Big Bang
5. Genesis 1 and Cosmology
6. Conclusion

WEEK 6

Perspective: Divine Freedom and Contingent Order

1. Introduction
2. Drama or Necessity?
3. Contingent Order
4. Three streams: Science, History of Science, Theology
5. Three illustrations: Plurality of Worlds, Anthropic Principle, Geohistory.
6. Conclusion



Application: Geohistory

	1	Martin Rudwick	Permian Mass Extinction
	2	Georges Cuvier	Reality of Extinction
	3		Directionalist Synthesis
	4	Louis Agassiz	The Devonian Controversy
	5		Ice Ages
	6	Observations on Science	
	7	Afterword	

WEEK 7

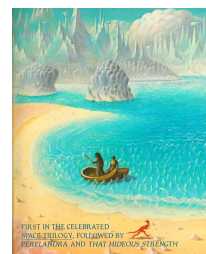


Perspective: Imagining God and Nature

1. Introduction
2. Review the Models
3. Models in more detail
4. Test the Models
5. Filters, Paradigms, and Imaginaries
6. Conclusion

Application: Preparing to read Out of the Silent Planet

1. Mars Today
2. Mars in History
3. The Ransom Trilogy
4. *Out of the Silent Planet*
5. What to look for
6. Conclusion

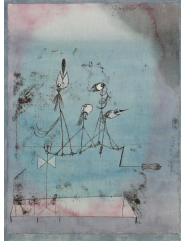


WEEK 8



Perspective: Stratified Reality

1. Introduction
2. What is the stratification of reality?
3. Michael Polanyi
4. T. F. Torrance
5. Stratified Reality and the Resurrection
6. Conclusion



Application: Reality in Many Dimensions

1. Introduction
2. The Multi-Level Rose
3. Science and Miracles (Scientism)
4. Science and the Imagination (Reductionism)
5. Science and History
6. Conclusion

WEEK 9



Perspective: Dualism

1. Introduction
2. Dualism – Overview
3. Dualism before Newton
4. Newton as Dualistic Theologian
5. Dualism after Newton
6. Conclusion



Application: Dilemmas of Design

1. Introduction
2. Argument from Design
3. From Deism to Atheism
4. Evolutionism and Progress
5. Intelligent Design
6. Conclusion

WEEK 10



Perspective: Natural Theology

1. Introduction
2. Episodes of Natural Theology
3. Purposes of Natural Theology
4. *Nein!* Barth vs. Brunner
5. Trinitarian Natural Theology
6. Conclusion



Application: Evolution

1. Introduction
2. Charles Darwin
3. Young Earth Creation
4. Evolutionary Creation
5. Queries and Theses
6. Conclusion

Week 11



Perspective: Priest of Creation

1. Introduction
2. Priest of Creation
3. Technology and Magic
4. The Church and Ecology
5. Image of God
6. Conclusion



Application: New Creation

1. Introduction
2. First fruits of the New Creation
3. The Resurrection and Medicine
4. The Resurrection and Animals
5. The Ascension and the Cosmos
6. Conclusion