Unit I: Reading & Writing Assignments (2/5 – 2/21)

(Breaking the Code)
SRR = The Scientific Revolution Reader: Evidence & Arguments
Dear = Revolutionizing the Sciences (required textbook)
Reaction Papers = 2-3pp. on suggested topics or topics of your choice; 2
Reaction Papers for Unit I (for details see Handout called "Reaction Papers" under "Assignments" on the Course Webpage)
Review Essay = 5-6pp. chosen from a set of 3 or 4 essay questions; 1 Review Essay for Unit I (for details see Handout called "Review Essays" under "Assignments" on the Course Webpage)

WEEK 1: Meeting 1: Introduction: “A Philosophic Family in Limbo” (1/31)
   SRR-Preface: A Tribunal Called into Question
   SRR-General Introduction: A Philosophic Family in Limbo

I. Recovery of an Ancient Nature, ca. 1250 & 1460-1540

WEEK 2: Dear, Ch. 1 (pp. 10-29) & Conclusion (pp. 168-170)
Meeting 2: The Aristotelian Geocentric Cosmos (2/5)
   SRR-1-S1) Lewis, C. S. “The Heavens”

(Recommended/Grad)
   SRR-13-S5) Koyré, Alexandre. "Galileo and the Scientific Revolution"
   SRR-13-S8) Schuster, John A. "The Scientific Revolution"

Meeting 3: Pythagoras, Plato, Euclid = Number, Soul, Proof (2/7)
   SRR-2-P1) Iamblichus, "On the Pythagorean Life" (c. 320)
   SRR-1-P1) Plato, "Timaeus" (c. 360 B.C.E.)
   SRR-2-P2) Euclid, "Elements" (c. 300 B.C.E.)

(Recommended/Grad)

Suggestions for Reaction Papers:
Pseudo-Aristotle, "On the Cosmos" - Principles of Order
Pseudo-Aristotle, "On the Cosmos" & Plato, "Timaeus" - Cosmic Comparison
WEEK 3: Harris, SRR-3-Intro: Ptolemaic Cosmography, pp. 1-4
Meeting 4: Ptolemaic Cosmography: Heaven & Earth (2/12)
   SRR-3-P1) Ptolemy, “Almagest” (ca. 150)
   SRR-4-P1) Ptolemy, “Geography” (ca. 150)
   SRR-5-P1) Ptolemy, “Tetrabiblos” (ca. 150)
   SRR-5-P2) Julius Firmicus, “Matheseos Libri VIII” (ca. 350)

Meeting 5: Aristotle on Generation, Pliny on Wonder (2/14)
   SRR-7-P2) Pliny, “Natural History” (ca. 70)
   SRR-7-S1) Tuana, Nancy. “Sexist Bias of Reproductive Theory”

(Recommended/Grad)
   SRR-7-P1) Aristotle, “On the Generation of Animals” (ca. 325 B.C.E.)

Suggestions for Reaction Papers:
Ptolemy, "Tetrabiblos" and/or Firmicus, "Matheseos" - Gender in the Heavens:
Tuana, "The Weaker Seed . . . " - Gender in Generation

WEEK 4:
Meeting 6: The Galenic Tradition: Spirits & Humors (2/19)
   SRR-6-P1a) Galen, “Anatomical Procedures” (ca. 180)
   SRR-6-P1b) Galen, “Reproductive Tract” (ca. 180)
   SRR-6-P5) Avicenna, “Medical Canon” (c. 1020)

(Recommended/Grad)
   SRR-6-P1c) Galen, “Arteries” (ca. 180)
   SRR-6-S2) Park, Katharine. “Criminal & Saintly Body”

Meeting 7: Scriptures & Christian Natural Theology (2/21)
   SRR-8-P1) Old Testament (“Genesis, Job, Psalms, Ecclesiastes”)
   SRR-8-P2) St. Augustine, “The Real Meaning of Genesis” (c. 425)

Suggestions for Reaction Papers:
Avicenna, "Medical Canon" – "Doc, I don't feel so well"
St. Augustine, "The Real Meaning of Genesis" - Christian Science?