LOW-RESIDENCY MATH & NATURAL SCIENCE SEMINAR READING LIST – SANTA FE FALL /SPRING
Monday 8:00-10:00 PM Mountain Time

The reading assignment for the first seminar should be completed before the first class meeting.

WEEK ONE
Lucretius: *On the Nature of Things*, Book I; II; III 1 – 580

WEEK TWO
*On the Nature of Things*, Book III 581 – end; IV; V 1 – 235, 771 – end; VI 1 – 95, 1090 – end

WEEK THREE
Plato: *Timaeus*, to 58c
Ptolemy: “The System of the World” (Photocopies are available in the bookstore.)

WEEK FOUR
Aristotle: *Physics*, Book I 184a9 – 184b14, 189b30 – 192b7; II 192b8 – 195b30

WEEK FIVE
*Physics*, Book II 195b31 – 200b11; III 200b12 – 202b29

WEEK SIX
*Physics*, Book III 202b30 – 208a25; IV 208a28 – 213a10

WEEK SEVEN
*Physics*, Book IV 213a11 – 224a17

WEEK EIGHT
*Physics*, Book VIII 250b11 – 260a19, 265a13 – 267b27

WEEK NINE
Ptolemy: *Almagest*, Book I 1 – 8; Book III 3 (up to and including two hypotheses figures)

WEEK TEN

WEEK ELEVEN

WEEK TWELVE

WEEK THIRTEEN

WEEK FOURTEEN
*On the Origin of Species*, Chapters IV & XIV

WEEK FIFTEEN
Freud: “Note on a Case of Obsessional Neurosis [the Rat Man]” in *Three Case Histories*

WEEK SIXTEEN
LOW-RESIDENCY MATH & NATURAL SCIENCE TUTORIAL READING LIST – SANTA FE FALL / SPRING
Monday and Thursday 5:45-7:00 PM Mountain Time
The reading assignment for the first tutorial should be completed before the first class meeting.

FIRST ASSIGNMENT:
Euclid's *Elements*, Book I: Definitions, Postulates, and Common Notions
(Future daily assignments will be made by the tutor.)

WEEKS ONE-EIGHT (16 MEETINGS)
Euclid: *Elements*, Book I

WEEKS NINE-SIXTEEN (16 MEETINGS)
Lobachevski: *The Theory of Parallels*, selections
(Photocopies are available in the bookstore; it is also included in final appendix of Bonola’s Non-Euclidean Geometry, Dover.)