

Biology Department

FYS – The Science in Science Fiction Spring 2010: Dr. Wayne Silver

Date	Reading	Topic
Jan 19		Introduction; watch “Horta” episode of <i>Star Trek</i> in class and discuss, assign physiological systems
Jan 26	<i>The Science of Aliens</i> Chapters 1&2&6	Watch <i>Alien Planets</i> begin discussion of alien design
Feb 2	<i>The Science of Aliens</i> Chapters 3&4	Student presentations of biological systems Watch <i>Mysterious Life of Caves</i>
Feb 9	Short stories on Blackboard and Beginning Operations: Hospital Station	Discuss short stories and Hospital Station Discuss alien design
Feb 16	Beginning Operations: Star Surgeon	Watch <i>Alien</i> Discuss your alien Assign extremophiles
Feb 23	Read web sites on extremophiles	Student presentations of extremophiles. Discuss Star Surgeon
Mar 2	Beginning Operations: Major Operation	Turn in and present your alien
Mar 9	Spring Break – no classes	Spring Break – no classes
Mar 16	One of Stuart’s short stories	Writing Science Fiction
Mar 23	Stuart critiques paragraphs	Turn in and discuss first paragraph of short story involving your alien
Mar 30	First Draft of short story due. Reviewed by another student	Physiological Classification of aliens in Sector General
Apr 6	Turn in Review of other student’s story	Student selected alien movie Discuss reviews
Apr 13		Students will read their short stories in class
Apr 20		Students will read their short stories in class
Apr 27		Students will read their short stories in class

Assignments and grade basis:

System/ Extremophile presentation	15%	
Design your own alien	15%	
Paragraph		10%
Review of other student’s story	15%	
Short story		30%
Participation		15%