

## **Mathematical Origins of Life**

### Group Contract Schedule

#### **Week 1**

##### **Meeting Days:**

Monday June 25<sup>th</sup>, 9:00-11:00

Wednesday June 27<sup>th</sup>, 9:00-11:00

**Reading:** Allman Chapter 1 and Chapter 2

##### **Homework:**

Keep this homework in your portfolio. Solutions will be posted online. When the textbook asks you to use MATLAB for a calculation you should either use Excel (for difference equations) or Mathematica (for matrix calculations). You can find Excel and Mathematica demos on the course website.

Allman Ch 1,

Ch 1.1 pg 5, Ex. 1,7,10,12

Ch 1.2 pg 17 Ex. 2,5,8,9,11

Ch 1.3 pg 28, Ex. 1,2,4,5,8,11

Ch 1.4 pg 36 Ex. 1,2,3

Allman Ch 2,

Ch 2.1 pg 51 Ex 1,4,6,8,9

Ch 2.2 pg 62 Ex 1,3,5,6,9,10,12

Ch 2.3 pg 75 Ex 1,4,5,7,9

Ch 2.4 pg 83 Ex 1,4

##### **Lab:**

Complete NetLogo Lab 1. Save your Netlogo file with naming convention

Lastname\_Firstname\_lab1.nlogo, and email it to me at mcavityd@evergreen.edu