

## Spring 2020 – STEM 4033/5033 – Updated (March 17) Tentative Schedule

\*Please keep in mind that this is a tentative schedule.

\*Please check the <http://www.uastem.com> website for updates.

### Week 10

#### **Tuesday, March 17**

- Online Meeting – Going Forward
- Homework: [Scratch](#) Tutorials – Join Scratch. and click on the ‘Create Tab’ then click on the ‘Tutorials Tab’. Select from the tabs ‘Animation’, ‘Art’, ‘Music’, ‘Games’, or ‘Stories’. Complete the series of tutorials from your selected theme. Be ready to demonstrate your work in class on Thursday.
  - Go further – [Create a Pencil Code Account](#) -and download the Pencil Code – [A Programming Primer](#) to learn more and try a few activities using technical-procedural directions.

#### **Thursday, March 19**

- 12:30pm – Online Meeting
  - Join URL: <https://zoom.us/j/972722215>
- Scratch Demonstrations
- Complete the [Scratch Programming Reflection](#)

### **Week 11 - March 23-27 – No Class – Spring Break**

### Week 12

#### **Tuesday, March 31**

- 12:30pm – Online Meeting
  - Join URL: <https://zoom.us/j/972722215>
- The Quick Challenge Presentation
- Assignment - Quick Challenge Project – 50pts. (For use during Alternative Methods of Instruction (AMI) days)

#### **Thursday, April 2**

- 12:30pm-1:45pm – Optional Online Meeting and Office Hours – Please request another time to meet if needed
  - Join URL: <https://zoom.us/j/972722215>
- Quick Challenge development and Peer Review

### Week 13

#### **Tuesday, April 7**

- 12:30pm – Online Meeting
  - Join URL: <https://zoom.us/j/972722215>
- Quick Challenge Project Due
- Technical Procedural Problem-Solving
- Assignment - Technical Procedural Project - 100pts.

#### **Thursday, April 9**

- 12:30pm-1:45pm – Optional Online Meeting and Office Hours – Please request another time to meet if needed
  - Join URL: <https://zoom.us/j/972722215>
- Technical Procedural Problem-Solving Project Development

### Week 14

#### **Tuesday, April 14**

- 12:30pm – Online Meeting
  - Join URL: <https://zoom.us/j/972722215>
  - Technical Procedural Project Due
- Introduction to Electricity - Building electrical circuits to demonstrate transfer of energy
- Electricity Curriculum Project – 150pts.
- Reading: Chapter 1: [http://www.allaboutcircuits.com/vol\\_1/index.html](http://www.allaboutcircuits.com/vol_1/index.html)

### **Thursday, April 16**

- 12:30pm-1:45pm – Optional Online Meeting and Office Hours – Please request another time to meet if needed
  - Join URL: <https://zoom.us/j/972722215>
- Electricity Curriculum Project Development

### **Week 15**

#### **Tuesday, April 21**

- 12:30pm – Online Meeting
  - Join URL: <https://zoom.us/j/972722215>
- Electricity Curriculum Project Glows and Grows Presentation
- Electricity Curriculum Project Development

#### **Thursday, April 23**

- 12:30pm-1:45pm – Optional Online Meeting and Office Hours – Please request another time to meet if needed
  - Join URL: <https://zoom.us/j/972722215>
- Electricity Curriculum Project Development

### **Week 16**

#### **Tuesday, April 28**

- 12:30pm – Online Meeting
  - Join URL: <https://zoom.us/j/972722215>
- Electricity Curriculum Project Presentations
- Introduction to Paper Engineering
- Final Project - Paper Engineering/Pop-Up – 150pts.

#### **Thursday, April 30**

- 12:30pm-1:45pm – Optional Online Meeting and Office Hours – Please request another time to meet if needed
  - Join URL: <https://zoom.us/j/972722215>
- Paper Engineering/Pop-Up Project Development
- STEM Resources
- Being a STEM Champion

### **Final Exams**

#### **May 7 – 12:45pm – 2:45pm**

- Final Project Due
- Optional Online Meeting
  - Join URL: <https://zoom.us/j/972722215>