|  |  |  |  |
| --- | --- | --- | --- |
| **Time and Date** | | | **Topics** |
| Week 1 | Day 1 (June 28) | 9:00am-10:00am | Orientation: Program Overview & Expectation  (Engineering Center EC 275) |
| 10:00am-10:30am | Program Survey (Dr. Anica Bowe)  (EC 275) |
| 10:30am-12:00pm | Campus Tour and Lab Tour  Paper work and ID pickup |
| 12:00am-1:30pm | Lunch (Group lunch) |
| 1:30pm-2:30pm | Machine Shop Training ( Pete or Derek, EC 179) |
| 2:30pm-3:30pm | Outreach Program introduction  (Dr. Chris Kobus and Ms. Marianne Donoghue)  (TBD or MSC 388) |
| Day 2  (June 29) | 9:00am-12:00am | Research Project Presentation  (EC 279) |
| 1:30pm | Seminar on Literacy (seminar)  (225A Kresge Library) |
|  | 3:00pm | Introduction to 3D Printing (178 EC)  (http://www.secs.oakland.edu/~latcha/me492/3Dprinting.html) |
| Day 3 (June 30) | 9:00am-3:00pm | STEM Best Practice Workshop  Dr. Chris Kobus, Dr. Mark Olson and Ms. Marianne Donoghue)  (EC 279) |
|  | | |
| Weeks 2-5 |  | | |
| July 4 | | Holiday (off) |
| Monday-Wednesday | | Research Project in the research lab |
| Wednesday and Thursday  1:00-4:00pm  (week 3, 4, 5 only) | | Course Module Development;  Meet with Education Advisor;  Course module Seminar ( Project Based Learning and Transfer research experience into classroom workshop)  Week 3 in EC 423  Week 4 and 5 in EC 347 |
| Thursday (10:30am-11:30am) | | Technical Seminars on Alternative Energy; Automotive  Engineering; Fuel Cells and Batteries/ Industry Tour  (EC 254) |
| Week 6 | Aug 7-8 (Monday-Tuesday) | | Research Project in the research lab |
| Aug 9 Wednesday  (9:00am-3:00pm) | | Project presentations, reports detailing projects and module classroom development, debriefing, conclusions  Focus Group (Program assessment)  (EC 275) |