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| **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 WorkshopDr. Chris Kobus, Dr. Mark Olson and Ms. Marianne Donoghue)(EC 279) |
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| Weeks 2-5 |  |
| July 4 | Holiday (off) |
| Monday-Wednesday | Research Project in the research lab |
| Wednesday and Thursday1:00-4:00pm(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 423Week 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, conclusionsFocus Group (Program assessment)(EC 275) |