## 2009 RET Site Calendar

Week 1: June 22 <sup>nd</sup>	23 <sup>rd</sup>	24 <sup>th</sup>	25 <sup>th</sup>	26 <sup>th</sup>
8:00-8:30  Breakfast Meet and Greet 8:30-9:30  Pre-Evaluation Dr. Cathy Maltbie 435 ERC  9:30-10:00 Social time Break 10:00-11:30 Welcome and Overview of RET site by PI (Procedures, Expectations, & Outcomes) 641 Baldwin Hall  LUNCH — on your own  1:00-1:30 Questions & Answers 641 Baldwin Hall 1:30-2:30 Overview of the RET Research Projects by Research Co-PIs & GA's 2:30-4:00 Tour of Labs 4:00-5:00 Campus Tour & ID Cards/Parking	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Meeting time with Andrea Burrows, Ken Maxwell, and Xiaoyin Li (Coordinators)  Q&A — Check sheet Review  Reflective Feedback  RET data  Computer set up  RET Room set up  Troubleshooting 641 Baldwin Hall  3:00-5:00 General Seminars on Use of Facilities and Resources  RET Website Use: Basics (1 Hour)  Lab Safety Webbased Training (1 Hour) 641 Baldwin Hall	8:00-12:00 Research with Advisor & RA  LUNCH  3:00-5:00 Professional Engineering Workshop Energy  Project #2a GA - Feng Wang 641 Baldwin Hall  3:00-5:00 Engineering Education Dr. Miller 641 Baldwin Hall	8:00-11:00  Technical Writing & Presentation Workshop (w/REU – 1 <sup>st</sup> ) 850D Baldwin Hall  11:00-12:00 Research with Advisor & RA  LUNCH  1:00-2:00  Pre-engineering - Introduction to Engineering Technology (1 session)  2:00-5:00  Pre-Engineering - Working in Teams & Managing Time (3 sessions)  641 Baldwin Hall	8:00-11:00  Seminar on On-Line Search Using the Library Facilities (W/REU – 2 <sup>nd</sup> ) 850D Baldwin Hall  11:00-12:00  Do Reflective Feedback for the week 641 Baldwin Hall  12:00-1:00  Project Luncheon Meeting  1:00-3:00  Professional Engineering Workshop Water Mr. Alan Vicory (ORSENCO)  Project #1_ Dr. Sorial 643 Baldwin Hall  3:00-5:00  Group discussion; Lesson idea collaboration time 643 Baldwin Hall
pass Week 2: June 29 <sup>th</sup>	30th	July 1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
8:00-9:30 Research with Advisor & RA  9:30-12:30 • Ethics in Engineering Research Dr. Dan Oerther (w/REU – 3 <sup>rd</sup> )	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-2:00  • Time for Preparation  2:00-5:00	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar • Unit expansion • Goals/Objectives	8:00-9:30 Bi-weekly Presentations • Presentation of Research 9:30-10:30 • Presentation of Lesson Preparation 10:30-11:30	Holiday – No Meeting
641 Baldwin Hall CANCELED  LUNCH  1:30-3:00 • Science Misconceptions Andrea Burrows 641 Baldwin Hall  3:00-5:00 Education Seminar	Pre-Engineering — Engineering Design (3 sessions): The Design Process, Evaluating Alternatives, & Applying the Process 641 Baldwin Hall	<ul> <li>Activities</li> <li>Resources</li> <li>Diversity</li> <li>641 Baldwin Hall</li> <li>3:00-5:00</li> <li>Professional</li> <li>Engineering Workshop</li> <li>Nano-</li> <li>StructuredComposite</li> <li>Materials</li> <li>Project #3_</li> </ul>	Social Hour 641 Baldwin Hall  LUNCH  12:30-1:30 Professional Engineering Workshop Nanotechnology Lab Tour  Project #2b	
<ul> <li>Units, Lessons, &amp; State Standards</li> </ul>		Dr. Abot 641 Baldwin Hall	Dr. Shanov 641 Baldwin Hall	

<ul> <li>Research</li> </ul>				
Experience			1:30-2:30	
Classroom			<ul> <li>Do Reflective</li> </ul>	
Connection			Feedback for the	
641 Baldwin Hall			week	
041 Baidwill Hall			641 Baldwin Hall	
			041 Baldwill Hall	
			2:20 F:00 Decearsh	
			2:30-5:00 Research	
46	46	46	with Advisor & RA	- 45
Week 3: July 6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>
8:00-9:00	8:00-12:00	8:00-10:00	8:00-12:00	8:00-11:00
Research with	<ul> <li>Poster Making</li> </ul>	Research with Advisor	Research with	Research with
Advisor & RA	Andrea Burrows	<u>&amp; RA</u>	Advisor & RA	Advisor & RA
	Dr. Anant Kukreti			
9:00-12:00	$(w/REU - 4^{th})$	10:00-12:00	LUNCH	11:00-12:00
Ethics in	860D Baldwin Hall			<ul> <li>Do Reflective</li> </ul>
Engineering		Professional	1:00-3:30	Feedback for the
Research	LUNCH	Engineering Workshop		week
Dr. Dan Oerther	LONGIT	Traffic	Participation in	641 Baldwin Hall
(w/REU – 3 <sup>rd</sup> )	1:00-5:00	Sudhir Reddy Itekyala	Project STEP	041 Baldwill Hall
641 Baldwin Hall		and Qingyi Ai	• 2 RET Teams	12:00-1:30
64 i baluwiri hali	Pre-Engineering			12:00-1:30
LUNGU	<ul><li>Principles of Civil</li></ul>	• Project #5	(3, 4)	Dayland Louish and
<u>LUNCH</u>	Engineering (2	Dr. Wei	• 2 Fellows	Project Luncheon
	sessions)	641 Baldwin Hall	641 Baldwin Hall	Meeting
1:00-3:30				641 Baldwin
Education Seminar	<ul><li>Energy Use and</li></ul>	<u>LUNCH</u>	3:30 - 5:00	
<ul> <li>Art/Science of</li> </ul>	Carbon Footprint of			1:30-3:30
Teaching	Structures (3	1:00-2:00	Pre-Engineering	
• 5 E's	sessions)		Seminar- Technical	Education Seminar
Critique RET	641 Baldwin Hall	<ul> <li>Time for Preparation</li> </ul>	Communication (1.5	Restructure
lessons			sessions)	lessons with 5 E's
641 Baldwin Hall		2:00-5:00	,	641 Baldwin Hall
041 Baluwill Hall		2.00 0.00	<ul><li>Presentations</li></ul>	041 Balawiii Tiaii
2.20 E.00				
3:30-5:00		- Field Trip 4 to	I Icing Eveel	2-20-5-00
Dead do atracta		• Field Trip 1 to	● Using Excel	3:30-5:00
Participation in		Greater	<ul><li>Using Excel</li><li>641 Baldwin Hall</li></ul>	
Project STEP		Greater Cincinnati Water		Participation in
Project <b>STEP</b> • 2 RET Teams		Greater		Participation in Project STEP
Project STEP		Greater Cincinnati Water		Participation in Project <b>STEP</b> • 2 RET Teams
Project <b>STEP</b> • 2 RET Teams		Greater Cincinnati Water		Participation in Project STEP
Project <b>STEP</b> • 2 RET Teams (1, 2)		Greater Cincinnati Water		Participation in Project <b>STEP</b> • 2 RET Teams
Project <b>STEP</b> • 2 RET Teams (1, 2) • 1 Fellow 641 Baldwin Hall		Greater Cincinnati Water Works	641 Baldwin Hall	Participation in Project <b>STEP</b> • 2 RET Teams (5, 6)
Project <b>STEP</b> • 2 RET Teams (1, 2) • 1 Fellow 641 Baldwin Hall	14 <sup>th</sup>	Greater Cincinnati Water		Participation in Project <b>STEP</b> • 2 RET Teams (5, 6) • 2 Fellows
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup>		Greater Cincinnati Water Works  15 <sup>th</sup>	641 Baldwin Hall  16 <sup>th</sup>	Participation in Project <b>STEP</b> • 2 RET Teams (5, 6) • 2 Fellows 641 Baldwin Hall
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research	8:00-12:00 Research	Greater Cincinnati Water Works  15 <sup>th</sup> 8:00-12:00 Research	16 <sup>th</sup>	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup>		Greater Cincinnati Water Works  15 <sup>th</sup>	16 <sup>th</sup> 8:00-12:00 Time to write	Participation in Project <b>STEP</b> • 2 RET Teams (5, 6) • 2 Fellows 641 Baldwin Hall
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA	8:00-12:00 Research with Advisor & RA	Greater Cincinnati Water Works  15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA	16 <sup>th</sup> 8:00-12:00 Time to write research and	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research	8:00-12:00 Research	Greater Cincinnati Water Works  15 <sup>th</sup> 8:00-12:00 Research	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH	8:00-12:00 Research with Advisor & RA LUNCH	Greater Cincinnati Water Works  15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA LUNCH	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00	8:00-12:00 Research with Advisor & RA LUNCH 1:00-3:30	15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA LUNCH 1:00-2:00	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective Feedback for the
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar	8:00-12:00 Research with Advisor & RA LUNCH	Greater Cincinnati Water Works  15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA LUNCH	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar • Lesson Sharing	8:00-12:00 Research with Advisor & RA LUNCH 1:00-3:30	15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA LUNCH 1:00-2:00 • Time for Preparation	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00  Do Reflective Feedback for the week
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar  • Lesson Sharing  • Critique	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30  • Time for Preparation	15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA LUNCH 1:00-2:00	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective Feedback for the
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00  Education Seminar • Lesson Sharing	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30  • Time for Preparation  3:30-5:00	Greater Cincinnati Water Works  15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-2:00 • Time for Preparation  2:00-5:00 • Field Trip 2 to	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.  LUNCH	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective Feedback for the week LUNCH
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar • Lesson Sharing • Critique	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30  • Time for Preparation  3:30-5:00  Pre-Engineering	15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA LUNCH 1:00-2:00 • Time for Preparation 2:00-5:00	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.  LUNCH  1:00-5:00	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00  Do Reflective Feedback for the week  LUNCH  1:00-2:30
Project STEP  • 2 RET Teams (1, 2)  • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar  • Lesson Sharing  • Critique  • Discussion  • ORC Resources	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30  • Time for Preparation  3:30-5:00	Greater Cincinnati Water Works  15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-2:00 • Time for Preparation  2:00-5:00 • Field Trip 2 to	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.  LUNCH  1:00-5:00 Pre-Engineering	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00  Do Reflective Feedback for the week  LUNCH
Project STEP  2 RET Teams (1, 2)  1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar Lesson Sharing Critique Discussion ORC Resources STEP lesson	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30  • Time for Preparation  3:30-5:00  Pre-Engineering	Greater Cincinnati Water Works  15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-2:00 • Time for Preparation  2:00-5:00 • Field Trip 2 to Advanced Regional	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.  LUNCH  1:00-5:00	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00  Do Reflective Feedback for the week  LUNCH  1:00-2:30
Project STEP  • 2 RET Teams (1, 2) • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar • Lesson Sharing • Critique • Discussion • ORC Resources • STEP lesson format	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30 • Time for Preparation  3:30-5:00 Pre-Engineering Seminar - Problem	15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-2:00  • Time for Preparation  2:00-5:00  • Field Trip 2 to Advanced Regional Traffic Interactive Management &	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.  LUNCH  1:00-5:00 Pre-Engineering	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective Feedback for the week  LUNCH  1:00-2:30 Bi-weekly
Project STEP  • 2 RET Teams (1, 2) • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar • Lesson Sharing • Critique • Discussion • ORC Resources • STEP lesson format	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30 • Time for Preparation  3:30-5:00 Pre-Engineering Seminar - Problem Solving Strategies (1.5	15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA LUNCH 1:00-2:00 • Time for Preparation 2:00-5:00 • Field Trip 2 to Advanced Regional Traffic Interactive Management & Information System	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.  LUNCH  1:00-5:00 Pre-Engineering Seminar - Mechanical	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective Feedback for the week  LUNCH  1:00-2:30 Bi-weekly Presentations
Project STEP  • 2 RET Teams (1, 2) • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar • Lesson Sharing • Critique • Discussion • ORC Resources • STEP lesson format 641 Baldwin Hall	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30 • Time for Preparation  3:30-5:00 Pre-Engineering Seminar - Problem Solving Strategies (1.5 sessions)	15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH 1:00-2:00 • Time for Preparation  2:00-5:00 • Field Trip 2 to Advanced Regional Traffic Interactive Management & Information System (ARTIMIS) Lab	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.  LUNCH 1:00-5:00 Pre-Engineering Seminar - Mechanical Engineering	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective Feedback for the week  LUNCH  1:00-2:30 Bi-weekly Presentations Presentation of Research
Project STEP  • 2 RET Teams (1, 2) • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar • Lesson Sharing • Critique • Discussion • ORC Resources • STEP lesson format 641 Baldwin Hall  3:00-5:00	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30 • Time for Preparation  3:30-5:00 Pre-Engineering Seminar - Problem Solving Strategies (1.5 sessions)  • Creativity	15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA LUNCH 1:00-2:00 • Time for Preparation 2:00-5:00 • Field Trip 2 to Advanced Regional Traffic Interactive Management & Information System	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.  LUNCH 1:00-5:00 Pre-Engineering Seminar - Mechanical Engineering (4 sessions)	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective Feedback for the week  LUNCH  1:00-2:30 Bi-weekly Presentations Presentation of Research 2:30-4:00
Project STEP  2 RET Teams (1, 2)  1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar Lesson Sharing Critique Discussion ORC Resources STEP lesson format 641 Baldwin Hall  3:00-5:00 Pre Engineering	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30 • Time for Preparation  3:30-5:00 Pre-Engineering Seminar - Problem Solving Strategies (1.5 sessions)  • Creativity • Product Dissection	15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH 1:00-2:00 • Time for Preparation  2:00-5:00 • Field Trip 2 to Advanced Regional Traffic Interactive Management & Information System (ARTIMIS) Lab	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.  LUNCH  1:00-5:00 Pre-Engineering Seminar - Mechanical Engineering (4 sessions)  Principles of	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective Feedback for the week  LUNCH  1:00-2:30 Bi-weekly Presentations Presentation of Research 2:30-4:00 Presentation of
Project STEP  • 2 RET Teams (1, 2) • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar • Lesson Sharing • Critique • Discussion • ORC Resources • STEP lesson format 641 Baldwin Hall  3:00-5:00 Pre Engineering Seminar —	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30 • Time for Preparation  3:30-5:00 Pre-Engineering Seminar - Problem Solving Strategies (1.5 sessions)  • Creativity	15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH 1:00-2:00 • Time for Preparation  2:00-5:00 • Field Trip 2 to Advanced Regional Traffic Interactive Management & Information System (ARTIMIS) Lab	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.  LUNCH  1:00-5:00 Pre-Engineering Seminar - Mechanical Engineering (4 sessions)  • Principles of Mechanical	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective Feedback for the week  LUNCH  1:00-2:30 Bi-weekly Presentations Presentation of Research 2:30-4:00 Presentation of Lesson Preparation
Project STEP  • 2 RET Teams (1, 2) • 1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar • Lesson Sharing • Critique • Discussion • ORC Resources • STEP lesson format 641 Baldwin Hall  3:00-5:00 Pre Engineering Seminar – Chemical	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30 • Time for Preparation  3:30-5:00 Pre-Engineering Seminar - Problem Solving Strategies (1.5 sessions)  • Creativity • Product Dissection	15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH 1:00-2:00 • Time for Preparation  2:00-5:00 • Field Trip 2 to Advanced Regional Traffic Interactive Management & Information System (ARTIMIS) Lab	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.  LUNCH  1:00-5:00 Pre-Engineering Seminar - Mechanical Engineering (4 sessions)  • Principles of Mechanical Engineering	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective Feedback for the week  LUNCH  1:00-2:30 Bi-weekly Presentations Presentation of Research 2:30-4:00 Presentation of Lesson Preparation 4:00-5:00
Project STEP  2 RET Teams (1, 2)  1 Fellow 641 Baldwin Hall  Week 4: July 13 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:00 Education Seminar Lesson Sharing Critique Discussion ORC Resources STEP lesson format 641 Baldwin Hall  3:00-5:00 Pre Engineering Seminar – Chemical Engineering (2	8:00-12:00 Research with Advisor & RA  LUNCH  1:00-3:30 • Time for Preparation  3:30-5:00 Pre-Engineering Seminar - Problem Solving Strategies (1.5 sessions)  • Creativity • Product Dissection	15 <sup>th</sup> 8:00-12:00 Research with Advisor & RA  LUNCH 1:00-2:00 • Time for Preparation  2:00-5:00 • Field Trip 2 to Advanced Regional Traffic Interactive Management & Information System (ARTIMIS) Lab	16 <sup>th</sup> 8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.  LUNCH  1:00-5:00 Pre-Engineering Seminar - Mechanical Engineering (4 sessions)  Principles of Mechanical Engineering • Project	Participation in Project STEP  2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall 17 <sup>th</sup> 8:00-11:00 Research with Advisor & RA  11:00-12:00 Do Reflective Feedback for the week  LUNCH  1:00-2:30 Bi-weekly Presentations Presentation of Research 2:30-4:00 Presentation of Lesson Preparation 4:00-5:00 Social Hour
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Week 5: July 20 <sup>th</sup>	21 <sup>st</sup>	22 <sup>nd</sup>	23 <sup>rd</sup>	24 <sup>th</sup>			
8:00-10:00 Research with Advisor & RA	8:00-12:00 Research with Advisor & RA	8:00-12:00 Free time to write	8:00-12:00 Research with Advisor & RA	8:00-11:00 Research with Advisor & RA			
10:00-12:00     Poster Preparation     Training 2:     Presentation of	LUNCH  1:00-3:00 Pre-Engineering	research and classroom implementation plan reports	1:00-3:00 Education Seminar	11:00-12:00 • Do Reflective Feedback for the week			
Sample Poster by Teams & Feedback Andrea Burrows Dr. Anant Kukreti (w/REU - 5 <sup>th</sup> ) 860D Baldwin Hall  LUNCH  1:00-:4:00 Pre-Engineering Seminar - Electrical Engineering (3 sessions) Principles of Electrical Engineering Project 4:00-5:00 Pre-Engineering Seminar - Materials Science & Engineering (1 session) Principles of Materials Engineering 641 Baldwin Hall	Seminar - Materials Science & Engineering (2 sessions) Project 641 Baldwin Hall  3:00-5:00 Time for Preparation (Possible Engineer Guest Speaker)	LUNCH  1:00-2:00 Time for Preparation  2:00-5:00 • Field Trip 3 to Hamilton County Department of Environmental Services Labs (Air Pollution)	Grant Writing     641 Baldwin Hall  3:00-5:00 Professional Engineering Workshop Earthquakes Mr. Elad Kivelevitch  Project #6 Dr. Cohen 641 Baldwin Hall	12:00-1:30 Project Luncheon Meeting 641 Baldwin Hall  1:30-3:30 Professional Engineering Workshop Air Mr. Ken Egell  Project #4_ Dr. Lu 641 Baldwin Hall  3:30-5:00 Participation in Project STEP  Group discussion; Lesson idea collaboration time 641 Baldwin Hall			
Week 6: July 27 <sup>th</sup>	28 <sup>th</sup>	29 <sup>th</sup>	30 <sup>th</sup>	31 <sup>st</sup>			
8:00-12:00 Research with Advisor & RA	8:00-12:00 Research with Advisor & RA	8:00-12:00 Written reports due by 10:00 am (to 765 Baldwin STEP mailbox)	8:00-11:00 Rehearsal • Practice for final research and	8:00-5:00  Final Day Presentations			
1:00-3:00 Pre-Engineering Seminar (2 sessions)	1:00-5:00 Meeting time (Coordinators)	- to be hand delivered to judges	lesson presentations	See Below for Agenda			
<ul> <li>Engineering Tools</li> <li>An Overview</li> <li>Technology and Society – Impact &amp;</li> </ul>	Deliver CD/DVD including:     Research Report	1:00-3:00 Education Seminar • Publication &	Do Reflective Feedback for the week	427 ERC			
Sustainability 641 Baldwin Hall	<ul><li>Research Poster</li><li>Research Presentation</li></ul>	Presentation Opportunities  • Art of Presenting	<u>LUNCH</u> 1:00-4:00				
3:00-5:00 Work Time: • Finalize Reports • Research	<ul><li>Classroom Report</li><li>Classroom Poster</li><li>Classroom Lesson Presentation</li></ul>	641 Baldwin Hall 3:00-5:00	<ul> <li>Post RET         Evaluations and         Focus Group     </li> <li>405 ERC</li> </ul>				
<ul><li> - Classroom</li><li> Finalize Posters</li><li> - Research</li><li> - Classroom</li></ul>	<ul><li>Presentation</li><li>Pictures</li><li>Clean RET rooms</li><li>641 Baldwin Hall</li></ul>	<ul><li>Poster Printing</li><li>Finalize Presentations</li></ul>	4:00-5:00 • Time for Preparation				
	July 31 <sup>st</sup>						
<u>Final-Day Presentations</u>							