

## RET Daily Calendar for Summer 2014 (JUNE 16 – AUGUST 1) - 6/12/2014

**Abbreviations Used:** AC = Area Coordinator (Research Faculty Mentor); GRA = Graduate Research Assistant; RRP = RET Resource Person; CRTM = CEEMS Resource Team Members; PPT = PowerPoint

### Color Legend Used for Sessions:

Intro - RET Summer Program	Evaluation	PD Session for RET	PD Session with CEEMS	Progress Meeting with A & GRA
Engineering Foundations	Research Training Seminar	Write/Work Time with RET Resource Person	Conducting Research	Review of Deliverables
				RET Fieldtrips: Research Projects 1 - 4

WEEK 1 – Summer 2014 Monday - June 16	Tuesday – June 17	Wednesday – June 18	Thursday – June 19	Friday – June 20
<b>9:00 -10:15 AM (Swift 516)</b> <ul style="list-style-type: none"> <li>Focus Group and Pre-Site Surveys</li> </ul>	<b>9:00 AM-12:00 PM (Mount Notre Dame HS)</b>  <ul style="list-style-type: none"> <li>Engineering Foundations (Michelle Shafer)</li> </ul>	<b>9:00 AM-12:00 PM (Mount Notre Dame HS)</b>  <ul style="list-style-type: none"> <li>Engineering Foundations (Michelle Shafer)</li> </ul>	<b>9:00 AM-12:00 PM (Mount Notre Dame HS)</b>  <ul style="list-style-type: none"> <li>Engineering Foundations (Michelle Shafer)</li> </ul>	<b>9:00 AM-12:00 PM (Mount Notre Dame HS)</b>  <ul style="list-style-type: none"> <li>Engineering Foundations (Michelle Shafer)</li> </ul>
<b>10:15 – 11:15 AM (Swift 516)</b> <ul style="list-style-type: none"> <li>RET Welcome and Overview, Parking passes</li> </ul>				
<b>11:15 – 12:30 PM (Swift 616)</b> Laptops Issued & Seminar on Computer Use (IT Support)				
<b>Working Lunch 12-1</b>	Lunch 12-1	Lunch 12-1	Lunch 12-1	Lunch 12-1
<b>1:00-4:00 PM (Mount Notre Dame HS)</b> <ul style="list-style-type: none"> <li>Engineering Foundations (Michelle Shafer)</li> </ul>	<b>1:00-2:30 PM (Mount Notre Dame HS)</b>  <ul style="list-style-type: none"> <li>Engineering Foundations (Michelle Shafer)</li> </ul>	<b>1:30 - 4:30 PM (Zimmer 414)</b> <ul style="list-style-type: none"> <li>Engineering Design Process (CEEMS cohort 3; elective cohort 2) (with CEEMS teachers by RRP &amp; CRTM)</li> </ul>	<b>1:00-2:30 PM (Mount Notre Dame HS)</b>  <ul style="list-style-type: none"> <li>Engineering Foundations (Michelle Shafer)</li> </ul>	<b>1:00-1:15 (Baldwin 756)</b> <ul style="list-style-type: none"> <li>Submission of Weekly Reflective Feedback</li> </ul>
<b>4:30-5:30 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>Intro to RET Projects and Faculty Research Mentors, and Road Maps</li> </ul>	<b>3:15 - 4:15 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>General Lab Safety Workshop (Ellen Elsbernd)</li> </ul>	<b>4:45-5:15 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>Coaching Session (RRP) /Work with RET Resource Person</li> </ul>	<b>3:15 -5:15 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>Research Training: Completing Road Map (AC &amp; GRA)</li> </ul>	<b>1:15-4:15 PM (Zimmer 414)</b> <ul style="list-style-type: none"> <li>Challenge-Based Learning (required for both CEEMS cohorts by RRP &amp; CRTM)</li> </ul>
<b>5:30 - 6:00 PM</b> <ul style="list-style-type: none"> <li>Tour of Labs and visit RET Workroom (Baldwin 756)</li> </ul>	<b>4:15 - 5:15 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>Completion of online Lab Safety Training Session</li> </ul>			<b>4:30-6:00 PM (CEAS Library-Baldwin)</b> <ul style="list-style-type: none"> <li>PD: Seminar on Using Library Facilities at CEAS Library (Ted Baldwin)</li> </ul>

WEEK 2 Monday - June 23	Tuesday - June 24	Wed. – June 25	Thursday – June 26	Friday – June 27
9:00 AM-12:00 PM (Baldwin 661) • PD: Engineering Foundations (Dan Boles)	9:00 AM-12:00 PM (Baldwin 661) • PD: Engineering Foundations (Dan Boles)	9:00 AM-12:00 PM (Baldwin 661) • PD: Engineering Foundations (Dan Boles)	9:00 AM-12:00 PM (Baldwin 661) • PD: Engineering Foundations (Dan Boles)	9:00 AM-12:00 PM (Baldwin 661) • PD: Engineering Foundations (Dan Boles)
Lunch 12-1	Lunch 12-1	Lunch 12-1	Lunch 12-1	<b>Working Lunch 12-1</b>
1:00-4:00 PM (Zimmer 414) • PD: Wiki, Part 1 (create & personalize) & Intro to Unit Template (required for CEEMS cohort 3) by RRP & CRTM)	1:00-2:30 PM (Baldwin 661) • PD: Engineering Foundations (Dan Boles)	1:00-3:00 PM (Zimmer 414) • Best Practices for Student Engagement (with CEEMS cohort 3 by CRTM)	1:00-2:30 PM (Baldwin 661) • PD: Engineering Foundations (Dan Boles)	1:00-1:15 (Baldwin 756) • Submission of Weekly Reflective Feedback
4:10-4:30 PM (AC Office) • Progress Meeting with AC & GRA	2:45-4:15 PM (Zimmer 414) • Unit File Generator & Wiki Part 2 (required for CEEMS cohort 3 by CRTM)	3:15 - 6:00 PM (Swift 516) Research Training Seminar (AC & GRA)	2:40-3:00 PM (AC Office) • Progress Meeting with AC & GRA	1:15-3:15 PM (Zimmer 414) Test Specifications to CEEMS/RET (with CEEMS teachers by CRTM)
4:45-6:00 PM (Swift 516) • Research Training Seminar (AC & GRA)	4:30-6:00 PM (Swift 516) Research Training Seminar (AC & GRA)		3:15-6:00 PM (Swift 516) • Research Training Seminar (AC & GRA)	3:30 -6:00 PM (Swift 516) • PD: Technical Writing and Presentation Workshop (PI)
WEEK 3 Monday – June 30	Tuesday – July 1	Wednesday – July 2	Thursday – July 3	Friday – July 4
9:00-10:15 AM (Swift 516) • Time to Write/Work with RET Resource Persons	9:00 AM -12:00 PM (Swift 516) • Time to Write/Work with RET Resource Person	9:00 AM-12:00 PM (Swift 516) • Time to Write/Work with RET Resource Person	9:00 AM-11:30 PM (Swift 516) 1 <sup>st</sup> Bi-weekly Presentations • PowerPoint Presentation of Research & Classroom Unit	HOLIDAY
10:30 AM-12:00 PM (Swift 516) • PD: Seminar on Journal Article Writing Session 1: Article Preparation and Avenues for Publication; Presentation Preparation with PowerPoint (Ted Fowler)			11:45 AM-12:00 PM (Baldwin 756) • Submission of Weekly Reflective Feedback	

Lunch 12-1	Lunch 12-1	Lunch 12-1	Lunch 12-1	
<b>1:00– 2:30 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>• PD: Engineering Research and Education Workshop (Eugene Rutz)</li> </ul>	<b>1:00-1:20 PM (AC Office)</b> <ul style="list-style-type: none"> <li>• Progress Meeting with AC &amp; GRA</li> </ul>	<b>1:00-3:30 PM</b> <ul style="list-style-type: none"> <li>• Field Trip #1: Cincinnati Water Works</li> </ul>	<b>1:00-1:20 PM (AC Office)</b> <ul style="list-style-type: none"> <li>• Progress Meeting with AC &amp; GRA</li> </ul>	
<b>2:45-6:00 PM (Lab)</b> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> </ul>	<b>1:20-6:00 PM (Lab)</b> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> <li>• Research report &amp; PPT preparation</li> </ul>	<b>4:00-6:00 PM (Lab)</b> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> </ul>	<b>1:20-6:00 PM (Lab)</b> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> </ul>	

WEEK 4 Monday – July 7	Tuesday – July 8	Wednesday – July 9	Thursday – July 10	Friday – July 11
<b>9:00 AM-12:00 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>• Time to Write/Work with RET Resource Person</li> </ul>	<b>9:00 AM-11:00 AM (Zimmer 414)</b> <ul style="list-style-type: none"> <li>• Analyzing &amp; Refining Units (required for both CEEMS cohorts by CRTM)</li> </ul>	<b>9:00-10:15 AM (Swift 516)</b> <ul style="list-style-type: none"> <li>• Time to Write/Work with RET Resource Person</li> </ul>	<b>9:00-11:00 AM (Zimmer 414)</b> <ul style="list-style-type: none"> <li>• Poster &amp; Video 1 (required for CEEMS cohort 3 by CRTM)</li> </ul>	<b>Deliverable Check (Swift 516)</b> <b>9:00 AM-10:30 AM</b> Research Related: <ul style="list-style-type: none"> <li>• PD: Review of Research Report, Research PPT, and EDP Activity (with AC &amp; GRA)</li> </ul>
	<b>11:15 AM -12:00 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>• Time to Write/Work with RET Resource Person</li> </ul>	<b>10:30 AM-12:00 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>• Journal Article Writing Session 2: Feedback on PowerPoint Outline; Outlining a Journal Article (Ted Fowler)</li> </ul>	<b>11:15 AM -12:00 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>• Time to Write/Work with RET Resource Person</li> </ul>	<b>10:30 AM-12:00</b> Unit Related: <ul style="list-style-type: none"> <li>• PD: Review of Unit Template, Poster, Unit PPT &amp; Video (with PI &amp; RRP)</li> </ul>
Lunch 12-1	Lunch 12-1	Lunch 12-1	<b>Working Lunch 12-1</b>	Lunch 12-1
<b>1:00– 2:30 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>• PD: Ethics in Research Workshop (Dr. Anant Kukreti)</li> </ul>	<b>1:00-1:20 PM (AC Office)</b> <ul style="list-style-type: none"> <li>• Progress Meeting with AC &amp; GRA</li> </ul>	<b>1:00-4:00 PM</b> <ul style="list-style-type: none"> <li>• Field Trip #2</li> <li>• Cincinnati Children’s Hospital: DNA Sequencing Core</li> </ul>	<b>1:00-1:20 PM (AC Office)</b> <ul style="list-style-type: none"> <li>• Progress Meeting with AC &amp; GRA</li> </ul>	<b>1:00 -1:15 PM (Baldwin 756)</b> <ul style="list-style-type: none"> <li>• Submission of Weekly Reflective Feedback</li> </ul>
<b>2:45 -6:00 PM (Lab)</b> Conducting Research (with AC & GRA)	<b>1:20-6:00 PM (Lab)</b> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> </ul>	<b>4:30-6:00 PM (Lab)</b> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> </ul>	<b>1:20-6:00 PM (Lab)</b> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> </ul>	<b>1:30-6:00 PM (Lab)</b> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> </ul>

WEEK 5 Monday – July 14	Tuesday – July 15	Wednesday – July 16	Thursday – July 17	Friday – July 18
<p><b>9:00-11:00 AM (Swift 516)</b></p> <ul style="list-style-type: none"> <li>• Time to Write/Work with RET Resource Person</li> </ul> <p><b>11:00 AM-12:00 PM (Zimmer 414)</b></p> <ul style="list-style-type: none"> <li>• PD: Video Making Workshop Session 1 (with CEEMS teachers by CRTM)</li> </ul>	<p><b>9:00-11:00 AM (Zimmer 414)</b></p> <ul style="list-style-type: none"> <li>• PD: Cooperative Learning (by CRTM)</li> </ul> <p><b>11:15 AM -12:00 PM (Swift 516)</b></p> <ul style="list-style-type: none"> <li>• Time to Write/Work with RET Resource Person</li> </ul>	<p><b>9:00-11:00 AM (Swift 516)</b></p> <ul style="list-style-type: none"> <li>• Draft Poster Evaluation Session (PI &amp; RRP)</li> </ul> <p><b>11:15-5:00 PM</b></p> <ul style="list-style-type: none"> <li>• <b>Field Trip # 3</b> for <u>Project 5</u> – Transportation Infrastructure to Statewide Traffic Management Center (TMC) at ODOT’s Central Office in Columbus, Ohio. Teachers bring brown bag lunch to eat during travel time. The visit will be from 1:30 p.m. to 3:00 p.m., and will return to Cincinnati by 5:00 p.m. (Dr. Heng Wei and Bei Zhao –Coordinators)</li> </ul>	<p><b>9:00 - 10:30 AM (Zimmer 414)</b></p> <ul style="list-style-type: none"> <li>• PD: Video Session 2 (with CEEMS teachers by CRTM)</li> </ul> <p><b>10:45 AM -12:00 PM (Swift 516)</b></p> <ul style="list-style-type: none"> <li>• Time to Write/Work with RET Resource</li> </ul>	<p><b>9:00 AM-12:00 PM (Swift 516)</b></p> <p><b>2nd Bi-weekly Presentations</b></p> <p>PowerPoint Presentation of Research &amp; Classroom Unit Poster Progress</p> <p>Video Progress</p>
Lunch 12-1	Lunch 12-1	Lunch 12-1	Lunch 12-1	Lunch 12-1
<p><b>1:00-6:00 PM (Lab)</b></p> <p>Conducting Research (with AC &amp; GRA)</p>	<p><b>1:00-1:20 PM (AC Office)</b></p> <ul style="list-style-type: none"> <li>• Progress Meeting with AC &amp; GRA</li> </ul> <p><b>1:20-6:00 PM (Lab)</b></p> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> </ul>	<p><b>5:00-6:00 PM (Lab)</b></p> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> </ul>	<p><b>1:00-1:20 PM (AC Office)</b></p> <ul style="list-style-type: none"> <li>• Progress Meeting with AC &amp; GRA</li> </ul> <p><b>1:20-6:00 PM (Lab)</b></p> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> </ul>	<p><b>1:00 -1:15 PM (Baldwin 756)</b></p> <ul style="list-style-type: none"> <li>• Submission of Weekly Reflective Feedback</li> </ul> <p><b>1:30-6:00 PM (Lab)</b></p> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> </ul>
WEEK 6 Monday – July 21	Tuesday – July 22	Wednesday – July 23	Thursday – July 24	Friday – July 25
<p><b>9:00 AM -12:00 PM (Swift 516)</b></p> <ul style="list-style-type: none"> <li>• Work on deliverables with RET Resource Person</li> </ul>	<p><b>9:00-10:30 AM (Zimmer 414)</b></p> <p>CBL in Action Videos (with CEEMS teachers by CRTM)</p>	<p><b>Deliverable Check (Swift 516)</b></p> <p><b>9:00 AM-10:15 AM</b></p> <p>Research Related:</p> <ul style="list-style-type: none"> <li>• PD: Review of Research Report, Research PPT, and EDP Activity (with AC &amp;</li> </ul>	<p><b>9:00 - 10:30 AM (Zimmer 414)</b></p> <ul style="list-style-type: none"> <li>• PD: Video Session 3 (with CEEMS teachers by CRTM)</li> </ul> <p><b>10:45 AM-12:00 PM (Swift 516)</b></p> <ul style="list-style-type: none"> <li>• Implement changes</li> </ul>	<p><b>9:00 AM-12:00 PM (Swift 516)</b></p> <ul style="list-style-type: none"> <li>• Work on deliverables with RET Resource Person</li> </ul>

	<b>10:45 AM-12:00 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>• PD: Journal Article Writing Session 3: Feedback and Discussion of Revisions Leading to a Final Draft <b>(by Ted Fowler)</b></li> </ul>	<b>GRA)</b> <b>10:15 AM-11:15 AM</b> Unit Related: <ul style="list-style-type: none"> <li>• PD: Review of Unit Template, Poster, Unit PPT &amp; Video <b>(with PI &amp; RRP)</b></li> </ul>	recommended <ul style="list-style-type: none"> <li>• Work on deliverables with RET Resource Person</li> </ul>	
Lunch 12-1	Lunch 12-1		<b>Working Lunch 12-1</b>	Lunch 12-1
<b>1:00-6:00 PM (Lab)</b> Conducting Research (with AC & GRA)	<b>1:00-1:20 PM (AC Office)</b> <ul style="list-style-type: none"> <li>• Progress Meeting with AC &amp; GRA</li> </ul> <b>1:20-6:00 PM (Lab)</b> <ul style="list-style-type: none"> <li>• Conducting Research (with AC &amp; GRA)</li> </ul>	<b>11:30-5:00 PM</b> <ul style="list-style-type: none"> <li>• Field Trip #4: <u>Project 4</u> – to National Museum of the U.S. Air Force, Wright Patterson Air Force Base (Dr. Kelly Cohen- Coordinator)</li> </ul>	<b>1:00-1:20 PM (AC Office)</b> <ul style="list-style-type: none"> <li>• Progress Meeting with AC &amp; GRA</li> </ul> <b>1:30-6:00 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>• Wrap-up Research, Team Research Report, Research PPT, with Individual Unit Portion of PPT and NSF Summary Report <b>(with AC &amp; GRA)</b></li> </ul>	<b>1:00 -1:15 PM (Baldwin 756)</b> <ul style="list-style-type: none"> <li>• Submission of Weekly Reflective Feedback</li> </ul> <b>1:15-6:00 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>• Wrap-up Research, Research Report, Research PPT, with Individual Unit Portion of PPT and NSF Summary Report <b>(with AC &amp; GRA)</b></li> </ul>
<b>WEEK 7</b>				
<b>Monday – July 28</b>	<b>Tuesday – July 29</b>	<b>Wed. – July 30</b>	<b>Thursday – July 31</b>	<b>Friday – August 1</b>
<b>Final Deliverable Check &amp; Approval (Swift 516)9:00 AM-10:30 AM</b> Review of Research Related Deliverables <ul style="list-style-type: none"> <li>• Final Review and Approval of Team Research Report and Team PPT, <b>(with AC &amp; GRA)</b></li> </ul> <b>10:30 AM-12:00</b> Review of Unit Related Deliverables: <ul style="list-style-type: none"> <li>• Final Review and Approval of Individual</li> </ul>	<b>10:00 AM (Swift 516)</b> Submit following to RET Resource Person: 6 Copies of Final Project Report Posters for Printing  10:00 AM-12:00 PM Report Delivered to Judges by GRA	<b>9:00 AM-12:00 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>• Free time for presentation rehearsal</li> </ul>	<b>8:00 AM-12:30 PM (TBA)</b> <b>Final Day Presentations:</b> <ul style="list-style-type: none"> <li>• 8:00-9:30 AM - Continental Breakfast &amp; Poster Display and Judging</li> <li>• 9:30-11:45 AM: PPT Presentations and Judging</li> <li>• 11:45-12:15 PM: Video Presentations and Judging</li> <li>12:15-12:30: Awards &amp; Closing Remarks</li> </ul>	<b>9:00 AM-10:30 PM (Swift 516)</b> <ul style="list-style-type: none"> <li>• Submission of deliverables (on flash drive) &amp; getting checked for compliance</li> </ul> <b>10:30 AM-12:30 PM (Swift 516)</b> Post RET Evaluations <ul style="list-style-type: none"> <li>• Satisfaction Survey</li> <li>• Efficacy Survey</li> </ul> <b>12:30 PM</b> <b>Summer RET Site Ends</b>

Unit Template, Individual Teacher Poster, Individual Unit Portion of PPT & Team Video <b>(with PI &amp; RRP)</b>				
Lunch 12-1	Lunch 12-1	Lunch 12-1	<b>Working Lunch 12:30-1:30</b>	
<b>1:15-6:00 PM (Swift 516)</b> Print Project Report Copies for Judges Finish Team PPT with both Research and (individual) Unit components	<b>1:00-6:00 PM (Swift 516)</b> Free time to finish NSF Summary Report and Submit for review to AC & GRA	<b>1:00 -4:00 PM (Swift 516)</b> • Free time for presentation rehearsal <b>1:00-6:00 PM (Swift 516)</b> • Finalize NSF Summary Report	<b>2:00-3:30 PM (Baldwin 756)</b> • RET Office clean-up  <b>3:30-6:00 PM PM (Swift 516)</b> • Post RET Focus Group with Evaluation Team	