

RET Daily Calendar for RET Summer 2018 (June 11th – July 27th) – (Draft 4)

Abbreviations Used: Research Faculty Mentor= FM; AC = Area Coordinator; GRA = Graduate Research Assistant; RRP = RET Resource; EERP = Engineering Education Resource Person; PPT = PowerPoint

Color Legend Used for Sessions:

Intro - RET Summer Program	Evaluation	PD Session for RET	Session with Industry Partner	Progress Meeting with A & GRA
Engineering Foundations	Research Training Seminar	Write/Work Time with RET Resource Person	Conducting Research	Review of Deliverables
Presentation Rehearsal Time			Bi – Weekly Presentations	RET Fieldtrips: Research Projects 1 – 5

WEEK 1 – Summer 2018 Monday – June 11	Tuesday – June 12	Wednesday – June 13	Thursday – June 14	Friday – June 15
9:00 -9:40 AM Focus Group with Evaluator 9:45 – 10:15 AM RET Welcome and Overview, Parking passes 10:15 AM-12:00 PM Engineering Foundations	9:00 AM-12:00 PM Engineering Foundations	9:00 AM-12:00 PM Engineering Foundations	9:00 AM-12:00 PM Engineering Foundations	9:00 AM-12:00 PM Engineering Foundations
Lunch 12-1	Lunch 12-1	Lunch 12-1	Lunch 12-1	Lunch 12-1
1:00 - 2:30 PM Engineering Foundations 2:45-5:30 PM • Intro to RET Projects and Faculty Research Mentors, Tour of Labs and visit RET Workroom	1:00 - 2:30 PM Engineering Foundations 2:45 - 5:00 PM PD: Modeling Challenge Based Learning by EERP and RET/CEEMS Exemplar Teachers	1:00 - 2:30 PM Engineering Foundations 2:45 - 5:30 PM PD: Integrating Engineering Design Process with Challenge-Based Learning by EERP and RET/CEEMS Exemplar Teachers (FMs and GRAs attend. Time is allotted in Project Teams for focus on integration of EDP into RET Teacher proposed Challenges.)	1:00 - 2:30 PM Engineering Foundations 2:45 – 4:00 PM PD: General Lab Safety Workshop by Ellen Elsbernd Completion of online Lab Safety Training Session 4:15 AM – 5:15 PM Research Training Prep and completion of Roadmap (AC/FM & GRA)	1:00 – 1:15 PM • Submission of Weekly Reflective Feedback 1:15 - 3:30 PM REU Bi-Weekly Presentation RET Teachers Attend 3:45 -5:00 PM (CEAS Library-Baldwin) PD: Seminar on Using Library Facilities at CEAS Library by Theodore Baldwin
WEEK 2 :Monday – June 18	Tuesday – June 19	Wed. – June 20	Thursday – June 21	Friday – June 22
9:00 – 10:30 AM Coaching Session /Work with RRP 10:30 – 12:00 Noon PD: Wiki Session: Create and	9:00 AM – 12:00 Noon (Research Labs) Research Training Seminar (AC/FM & GRA)	9:00 -9:45 AM PD: Ethics in Research Workshop by, Dr. Richard Miller 10:00 -11:30 AM PD:	9:00 – 11:30 AM (Research Labs) Conducting Research/ On-going Training (AC/FM & GRA)	9:00-11:40 AM Time to Write/Work with RET Resource Persons (RRPs) 11:45 AM-12:00 Noon

Personalize Workshop by Denny Dupps		Technical Writing and Presentation: Communicating Science Effectively by Dr. Margaret Kupferle	11:45 AM –12:00 noon (AC/FM Office) Progress Meeting with AC/FM & GRA	Submission of Weekly Reflective Feedback
Lunch 12-1	Lunch 12-1	Lunch 11:30 – 12:30	Lunch 12-1	Working Lunch 12-1
1:00–6:00 PM (Research Labs) Research Training Seminar (AC/FM & GRA)	1:00 -2:30 PM PD: Unit Creation and Introduction to Templates by RRP 2:45 – 3:00 PM (AC/FM Office) Progress Meeting with AC/FM & GRA 3:15-6:00 PM (Research Labs) Research Training Seminar (AC/FM & GRA)	12:30– 3:30 PM Field Trip # 1: for Project 1 3:45– 6:00 PM (Research Labs) Conducting Research/ On-going Training (AC/FM & GRA)	1:00 – 2:30 PM Coaching Session (RRP)/Time to Write and Work with RRP 2:45– 6:00 PM (Research Labs) Conducting Research/ On-going Training (AC/FM & GRA)	12:00 – 1:45 PM Working Lunch (lunch provided) with past RET Teachers RRP and PI. Time for Q/A 2:00– 6:00 PM (Research Labs) Conducting Research/ On-going Training (AC/FM & GRA)
WEEK 3: Monday – June 25	Tuesday – June 26	Wednesday – June 27	Thursday – June 28	Friday – June 29
9:00-12:00 noon Time to Write/Work with RET Resource Persons (RRPs)	9:00 – 9:30 AM EERP Meeting for Project # 2 w/ FM and GRA 9:00 -11:00 AM (Research Labs) Conducting Research with (AC/FM & GRA)	9:00 AM-12:00 noon 1st Bi-Weekly Presentation PPT Presentation of Research and Unit	9:00 -11:00 AM Time to Write/Work with RET Resource Persons (RRPs) 11:15 AM – 1:00 PM Panel Session with Industry Partners and Working Lunch	9:00 - 10:00 AM PD: Seminar on Journal Article Writing Session 1, by Dr. Kukreti PI, Article Prep and Avenues for Publication; Presentation Prep w/PPT 10:15 -11:45 AM Time to Write/Work with RRP Information on RET Poster Criteria 11:45 AM-12:00 Noon Submission of Weekly Reflective Feedback
Lunch 12-1	Lunch 12-1	Lunch 12-1	Working Lunch 11:45 – 1:00 PM	Lunch 12 – 1
1:00 – 1:30 PM EERP Meeting for Project # 1 with FM and GRA 1:00-6:00 PM (Research Lab)Conducting Research (with AC/FM & GRA) Research report & PPT	1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA 1:30 – 2:00 PM EERP Meeting for Project # 3 with FM and GRA 1:30 -6:00 PM (Research Lab)	1:00-3:30 PM Field Trip #2: for Project 2 3:45 -6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA) Research report & PPT preparation	1:15-1:30 PM (AC/FM Office) Progress Meeting with AC/FM & GRA 1:45 – 2:15 PM EERP Meeting for Project # 4 w/ FM and GRA 1:45-6:00 PM (Research	1:00 – 1:30 PM EERP Meeting for Project # 5 w/FM and GRA 1:00 -6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA) Research report & PPT preparation

preparation	Conducting Research (with AC/FM & GRA) Research report & PPT preparation		Lab) Conducting Research (with AC/FM & GRA) Research report & PPT preparation	
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WEEK 4: Monday – July 2	Tuesday – July 3	Wednesday – July 4	Thursday – July 5	Friday – July 6
9:00 -10:00 AM Time to Write/Work with RRP - Information on RET Poster Criteria 10:10 AM – 12:00 Noon (Research Labs) Research Training Seminar (AC/FM & GRA)	9:00 AM – 12:00 Noon (Research Labs) Research Training Seminar (AC/FM & GRA)	HOLIDAY	9:00 -10:45 AM Time to Write/Work with RRP - Information on RET Poster Criteria 11:00– 12:00 noon PD: Engineering Education and Research vs Engineering Design Seminar by PI, Eugene Rutz	Deliverable Check 9:00 -10:30 AM Research Related: <ul style="list-style-type: none"> • PD: Review of Research Report, Research PPT, and EDP Activity (with AC/FM & GRA) 10:30 AM-12:00 Unit Related: <ul style="list-style-type: none"> • PD: Review of Unit Template, Poster, Unit PPT (with PI & RRP)
Lunch 12-1	Lunch 12-1		Lunch 12-1	Lunch 12-1
1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA 1:30-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)	12:00 noon – 2:30 PM Field Trip #3: for <u>Project 3</u> 2:45 -6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)		1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA 1:30 -6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)	1:00 -1:15 PM <ul style="list-style-type: none"> • Submission of Weekly Reflective Feedback 1:30-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)
WEEK 5: Monday – July 9	Tuesday – July 10	Wednesday – July 11	Thursday – July 12	Friday – July 13
9:00 AM-10:15 AM Time to Write/Work with RRP 10:30-12:00 Noon PD: Basic Video Making Using Microsoft Power Point by Denny Dupp	9:00-11:00 AM PD: Poster and Power Point Creation Workshop by Denny Dupps. 11:15 AM -12:00 PM Time to Write/Work with RRP - Information on RET Video Criteria provided	9:00-11:00 AM Draft Poster Evaluation Session with PI & RRP 11:10 AM-12:00 PM PD: Seminar on Journal Article Writing Session 2: by PI - Feedback on PPT; and Outlining a Journal Article	9:00 -10:15 AM Time to Write/Work with RRP 10:30-12:00 Noon PD: Video Session 2: Video Making Using Microsoft Windows Live Movie Maker Workshop by Denny Dupps	9:00 AM-12:00 PM 2nd Bi-Weekly Presentations PowerPoint Presentation of Research & Classroom Unit Poster Progress
Lunch 12-1	Lunch 12-1	Lunch 12-1	Reflective Lunch 12-1	Lunch 12-1
1:00-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)	1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA	1:00 – 3:00 PM Field Trip # 4: for <u>Project 4</u> 3:15-6:00 PM (Research Lab)	1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA	1:00 -1:15 PM <ul style="list-style-type: none"> • Submission of Weekly Reflective Feedback

	1:30-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)	Conducting Research (with AC/FM & GRA)	1:30-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)	1:30-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)
WEEK 6: Monday – July 16	Tuesday – July 17	Wednesday – July 18	Thursday – July 19	Friday – July 20
9:00 -10:15 AM Work on Deliverables with RRP	9:00 – 11:00 AM PD: Strategies for Effective CBL Unit: Time Management and Student Grouping, by RRP	Deliverable Check 9:00 -10:15 AM Research Related: Review of Research Report, Research PPT, and EDP Activity (with AC/FM & GRA)	9:00 AM-12:00 noon Work on Deliverables with RRP	9:00 AM-12:00 noon Work on Deliverables with RRP
10:30 AM – 12:00 noon PD: Video Session 3: Video Completion Using Multimedia Resources, by Denny Dupps	11:15 AM -12:00 PM Work on Deliverables with RRP	10:15 -12:00 noon Unit Related: Review of Unit Template, Poster, Unit PPT (with PI & RRP)		
Lunch 12-1	Lunch 12-1	Lunch 12 - 1	Lunch 12-1	Lunch 12-1
1:00-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)	1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA 1:30-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)	1:00-3:00 PM Field Trip #5: for <u>Project 5</u> 3:15-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)	1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA 1:30-6:00 PM (Research Lab) Wrap-up research, Team Research Report, Research PPT with Individual Unit portion of PPT and NSF Summary Report (with AC/FM & GRA)	1:00 -1:15 PM Submission of Weekly Reflective Feedback 1:30-6:00 PM (Research Lab) Wrap-up research, Team Research Report, Research PPT with Individual Unit portion of PPT and NSF Summary Report (with AC/FM & GRA)
WEEK 7: Monday – July 23	Tuesday – July 24	Wednesday – July 25	Thursday – July 26	Friday – July 27
9:00 AM-10:30 AM Final Deliverable Check & Approval Review of Research Related Deliverables • Final Review and Approval of Team Research Report and Team PPT, (with AC/FM & GRA) 10:30 AM-12:00 Review of Unit Related Deliverables:	9:00 – 10:30 AM Submit following to RRP: • 3 - 6 copies of Final Project Report • Posters for Printing 10:45 – 11:30 AM PD Revisit Templates – Post Implementation, by RRP 10:00 AM-12:00 PM Report Delivered to Judges by GRAs	9:00 AM-12:00 PM Free time for presentation rehearsal	9:00 AM-12:00 PM Free time for presentation rehearsal	8:00 AM-4:00 PM (Location TBA) Final Day Presentations: • 8:00-9:30 AM - Continental Breakfast & Poster Display and Judging • 9:30-12:30 AM: PPT Presentations and Judging • 12:30 -1:30 PM: Lunch • 1:45 - 3:45 PPT Presentations and Judging 3:45 -4:00: Awards & Closing

<ul style="list-style-type: none"> • Final Review and Approval of Individual Unit Template, Individual Teacher Poster, Individual Unit Portion of PPT(with PI & RRPs) • Submission of deliverables (on flash drive) & getting checked for compliance 				Remarks
Lunch 12-1	Lunch 12-1	Lunch 12-1	Lunch 12-1	Final Day Lunch 12:30-1:30
1:00-6:00 PM Print Project Report Copies for Judges Finish Team PPT with both Research and (individual) Unit components	1:00-6:00 PM Free time to finish NSF Summary Report and Submit for review to AC/FM & GRA	1:00 – 6:00 PM Free time for presentation rehearsal AND/OR 1:00-6:00 PM Finalize NSF Summary Report after receiving feedback from AC/FM & GRA	1:00 – 6:00 PM Free time for presentation rehearsal AND/OR 1:00-6:00 PM Submit NSF Summary Report	4:00: - 4:45 PM PM Post RET Evaluations with Evaluation Team <ul style="list-style-type: none"> • Post RET Focus Group • Satisfaction Survey • Efficacy Survey 4:45 – 5:15 PM Clean-up and keys returned