

2016

Materials & Manufacturing Summer Teachers' Institute: 2.0

“The Hammer Project”

Networking with Local Industry to Bring Ideas Back to Your Classroom



July 26, July 27, and July 28
8:00 am – 3:00 pm

Presented by:

NHMA, SCSU, CRISP, So. CT. Chapt. ASM, and Platt Tech HS

Agenda

Tuesday, July 26, 2016

SCSU – Room SCI 210

Introduction and Welcome

Continental breakfast & networking

8:00 – 9:00	Welcome, on behalf of NHMA Provost and Vice President for Academic Affairs MSE/CRISP overview	Kris Lorch, Alloy Engineering Representative Vincent Candelora Ellen Durnin, Ph.D. Christine Broadbridge
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The Hammer Project

9:00 – 9:30	The Hammer Project overview	Dave Tuttle
9:30 – 10:00	The Materials & The Manufacturing processes	Gregory AmEnde
10:00 – 10:30	Goals for you and your classroom - Information collection for 3 day event to support lesson plans	Yvonne Klancko

Tours and Networking Lunch (School of Business room 020A/B)

10:30 – 11:30	Tour of the SCSU Academic Science Building	Christine Broadbridge
11:30 – 12:30	Working Lunch – an Educated Force with the CT Commissioner of Education SCSU School of Business Professor of Marketing, Accreditation Coordinator and Assistant to the Dean Bigelow Tea	Dianna Wentzell Robert Forbus, Ph.D. Jim Gildea

Materials & Manufacturing

12:30 – 1:15	Manufacturing with Metal & Heat (<i>Cast Hammer Body</i>)	Larry Smith, Bridgeport Fittings
1:15 – 2:00	CT & The Brass Industry (<i>Brass Hammer Head</i>)	Bob Klancko
2:00 – 3:00	Manufacturing with Plastics (<i>Plastic Hammer Head</i>)	George Muench, So. CT. Chapt. ASM

Plans for Day 2

3:00 – 3:15	Directions to Platt Tech, Schedule Shop Safety	Christine Broadbridge Bob Klancko
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Agenda

Wednesday, July 27, 2016

Platt Technical High School

Platt Tech High School - 600 Orange Ave, Milford, CT 06461

Breakfast and Introduction

8:00 – 10:00	Welcome breakfast	Ellen Cohn, Deputy Commissioner of Education
	Safety review	
	Video	Dave Tuttle
	The Machining Process	

The Hammer Project

10:00 – 12:00	Begin production – in shop	Dave Tuttle
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Lunch

12:00 – 12:45	Meet the CEO	Kathy Saint, Schwerdtle Stamp Adam Stern, Leed Himmel
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The Hammer Project Cont.

12:45 – 2:30	Continue production - in shop	Dave Tuttle
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Review of the Day

2:30 – 3:00	Lesson plan information collection	Dave Tuttle Yvie Klancko
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Agenda

Thursday, July 28, 2016

Platt Technical High School

Platt Tech High School - 600 Orange Ave, Milford, CT 06461

Breakfast and Introduction

8:00 – 8:45 Welcome breakfast

Review of Day 2

NGSS Discussion

Peter Dimoulas, NH teacher & MM
alumni

Christine Broadbridge

Yvie Klancko

The Hammer Project Cont.

8:30 – 11:30 Continue production – in shop

Dave Tuttle

Lunch

11:30- 12:30 Invited Speaker

How what you are learning is important

Theresa Conroy, State Representative

The Hammer Project, complete production

12:30 – 1:30 Complete production

Classroom Connection

1:30 – 2:30 Possibilities for a Lesson Plan

Yvonne Klancko

Wrap Up

2:30 – 3:00 Survey

Future follow-up: visiting the companies

Carol Jenkins