

A Bit of Background

Much has been said lately of the need for Technological Literacy and about the need for qualified persons here in Maine.

We believe much of the problem lies in our own failure to let kids know about the field of Engineering and its potential for them. Not only is engineering fun, but its contributions to daily life and the local economy are vital.

Yet many think engineers are somehow "special," and youngsters choosing what they'll be when they grow up rarely think of choosing engineering or manufacturing as a career.

At the same time, educators are turning to "hands-on" education because they find it develops many facets of intelligence not touched by book learning.

Engineers have lots to offer in helping with this transition, and much to learn about the process of education.

About our Speaker

David Patch of the Autonomous Undersea Systems Institute develops ocean-going robots that function on their own. He'll tell us about the problems and challenges they face in developing a vehicle which operates in corrosive salt-water, runs on batteries and solar power and teams up with other robots.

Mr. Patch retired after 20 years from the Navy, chaired NATO's Advanced Naval Vehicles group, and has worked on ASW advanced electronics and electric vehicle propulsion systems.

DIRECTIONS

From Turnpike Exit 13 — Lewiston (about 10 miles)

Drive toward Lewiston on Lisbon Street 1.2 miles to the 4th light and turn right onto East Avenue. Go about 1.4 miles and turn left at the 4th light onto Russell Street.

After the 3rd light on Russell Street cross the Veteran's Memorial Bridge into Auburn. At the end of the bridge go straight through the first set of lights onto Mt. Auburn Avenue. Auburn Mall will be on your right.

At the next set of lights, bear right onto Turner Street and drive 1.3 miles to the CMTC campus on your left.

From Turnpike Exit 12 — Auburn

Turn left on Route 4 following the signs toward Auburn. Follow Route 4 north for about 6 miles where it joins Center Street.

Follow Center Street about one mile and turn left at the light just before the Auburn Mall onto Mt. Auburn Avenue. The Mall will then be on your right.

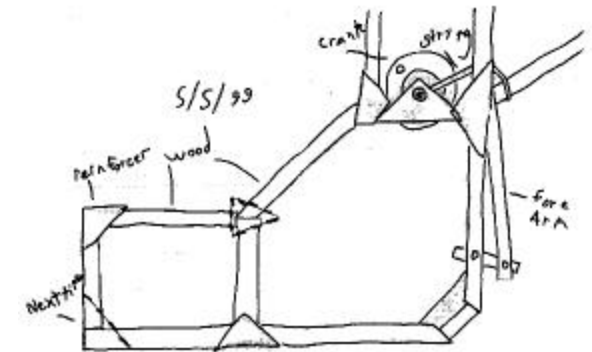
At the next set of lights, bear right onto Turner Street and drive 1.3 miles to the CMTC campus on your left.

Please drive carefully



National Engineers Week 2001

All Kids Are Engineers



PRAYING MANTIS CHASSIS

ALEX FORBES GR 6 5MAY99
CORNISH ELEMENTARY SCHOOL

Come Join Us!

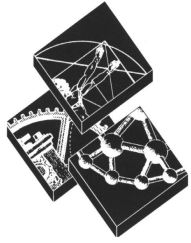
March 3, 2001

Central Maine Technical College Auburn Maine

A day-long celebration for teachers, students and engineers. An evening banquet with guest speaker

Mr. David Patch

Autonomous Undersea Systems Institute



All kids are natural-born engineers. Just look at your refrigerator door!
 Yet few people really know what engineers do. Every day we hear about a lack of technologically literate people.

What can we do?

Let's put our heads together and see. Come join us on March 3rd as we throw the doors open to kids of all ages.

Put on your parka and drive on over to Auburn. Be ready to roll up your sleeves and have fun. Central Maine Technical College has offered us their remarkable facility for our annual statewide celebration.

We're planning an all-day event, with workshops where teachers and engineers can get to know one another better, competitions for students and student teams, examples of engineering activities for use in classrooms, an evening banquet and a superb guest speaker to give us all a perspective on engineering.

February 18 - 24 marks the fiftieth anniversary of National Engineers Week — a week during which engineers all across the country visit schools and host events to celebrate their profession.

In Maine, we'll explore the great educational opportunities confronting us today, showcase what we do in our jobs across the state, and encourage families and kids to think about careers in this fun and exciting field.

Kids are natural engineers and engineering's the natural hands-on profession. Working with teachers and students, engineers can share the relevance of education with kids of all learning styles.

SCHEDULE OF EVENTS*

10:00 - Doors Open for Exhibits

11:30 - Activities

11:30 - Workshop I

12:30 - Lunch Break

1:30 - Activities

3:00 - Workshop II

5:30 - Gather for Dinner

6:00 - Buffet Banquet

7:00 - Speaker — Mr. David Patch

8:30 - Closure

*Subject to change

Students and children are most welcome to join us for dinner.

To help plan for materials and support, we'd appreciate your early registration.

If you have special needs or requests, please call Pete Mickelson at 207-929-4840 or e-mail Peter_Mickelson@sad6.k12.me.us. We'll do our very best to satisfy them.

RESERVATIONS

Please take a minute to let us know you're coming. Banquet reservations* are \$20 each (\$10 for students and children under 13), but lunch and snacks will be available for purchase throughout the day. Seating for dinner may be limited.

Name _____

Address _____

Phone _____

E-mail _____

Society _____

Student? _____

Guest _____

Student? _____

Guest _____

Student? _____

Guest _____

Student? _____

*Add \$5.00 each if registering after February 16th.

Please make checks payable to **EWCB**

Forward this form and payment to

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