

Program Newsletter Winter 2008 **Reserve Component Masters Program Department of Geological Engineering**

Enroll Now for Spring

It is not too late to enroll for the 2009 Spring semester!

Lahne Black is still accepting applications and enrollments for the classes being offered during the Spring Semester (Jan 12th thru May 8th).

Courses being offered:

- Introductory Course Sequence (4 hours) consisting of GE275, GE341, GE373, and GE401
- GE 101 Quantitative Methods for Military Geological Engineers (either 8 or 16-week)
- GE 201 Statics and Strengths of Geological Materials (either 8-week or 16-week)
- GE 435GE 435 Advanced Concepts of Env. Geological Engineering (1st 8-weeks)
- GE 343 Subsurface Exploration (2d 8-Weeks)

Officers are reminded to enroll for the 2nd 8– weeks at the beginning of the regular semester. Be sure to check with your Educational Officer for current policies and procedures before attempting to enroll in courses through GoArmyEd. Lahne can help with course numbers once your program has been approved by a TA Counselor, so remember to check with her to ensure you are charged the special Fort Leonard Wood rate.

Program Contacts:

Ms. Lahne Black MST FLW ECCC-RC Masters Program Administrator 231 Engineering Management Missouri University of Science & Technology Rolla, MO 65409 Email: lahne@mst.edu Phone: 573.341.4410 or 800.441.5218, Fax: 573.341.6990

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First Group Completes the Introductory Courses (Stage1)

Congratulations to the first cohort to complete Stage 1 of the program!

Eleven officers completed 4-semester hours of graduate study and were awarded 8-semester hours of credit for their final ECCC-RC DA Form 1059 in order to earn a Graduate Certificate in Military Geological Engineering! They will begin Stage 2 of the program which entails 15-hours of graduate coursework completed in 8-week semesters over the course of the next year followed by Stage 3 which is the 3-semester hour Capstone Course completed during a 16-week semester.

Lead the Way!

Mr. Maung Myat, P. E. ECCC-RC Degree Program Coordinator Geological Engineering Program Missouri University of Science & Technology 129 McNutt Hall Rolla, MO 65409 Email: flwgee@mst.edu Telephone: (573) 341-6627 Fax: (573) 341- 6935

GE Program Newsletter Winter 2008

Student Group Visits Taum Sauk Reservoir Site



Overtopping ruptures Dam at Taum Sauk Reservoir.

One of the most significant structural failures in modern US history occurred right here in Missouri. In 2002, Ameren UE's failure to follow proper operational and safety procedures resulted in water over-topping the Taum Sauk Reservoir, resulting in a rupture in the dam that released in excess of 1-billion gallons of water which rushed downhill scouring the Black River Valley in the vicinity of the Johnson Shut-Ins State Park for nearly 3-miles and creating flood conditions for 6-miles along the Black River up to Clearwater Dam near Piedmont, Missouri. Luckily there were no fatalities as a result of the incident, and Johnson Shutins State Park is being rebuilt with the funds awarded as part of the hefty legal settlement. On a positive note, the extensive area "scoured" by the deluge revealed over 200-million years of geological processes which comprise the subsurface of Taum Sauk and the Black River Valley.

"AC and RC Officers survey the damage at Taum Sauk. Only two other student groups have been permitted to explore the site."

A student group from the MS & T Geological Engineering Program consisting of both Active Component and Reserve Component officers got the opportunity last semester to "survey" the site.

Another trip to the Taum Sauk site is tentatively planned for the first weekend in April of this year; if you are going to be in the area and would like to come along, drop us an email at <u>flwgee@mst.edu</u>. We hope to see you there!

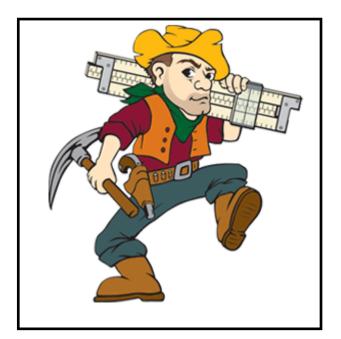


Distance learning students MAJ Lee Bunch and CPT Alberto Locasin join a group of AC officers for the trek up to the Taum Sauk Reservoir

Frequently Asked Questions

- Is it true that MS&T awards graduate credit for completion of ECCC or ECCC-RC? YES. Officers submit their DA Form 1059 to receive 8-semster hours of credit upon completion of the sequence of Introductory Courses (Stage 1).
- Where can I find more information about the program? http://flwgee.mst.edu
- 3. *How do I enroll in classes?* Please contact Lahne Black by email at <u>lahne@mst.edu</u> or phone at 573.341.4410 or 800.441.5218 to complete the application process and to process your enrollments each semester.
- 4. I have a Joe'SS account; can I just register for classes online?

NO. You will be assessed full distance learning tuition and fees (nearly double) if you don't process your enrollments through Lahne.



5. What happens if I get deployed during the middle of the semester and am unable to complete my course requirements? If you are unable to complete course requirements within the normal semester, work with your instructor to establish a mutually agreeable completion schedule. You will likely be given a grade of "Incomplete" until you complete course requirements. The instructor can grant up to a 1-year extension at his or her discretion.

> Do you have a question not answered here? Please drop us an email at <u>flwgee@mst.edu</u> and ask or leave us your number and the best time to call you.

 Can I apply the GI Bill or Tuition Assistance toward tuition and fees for this program? YES. In most cases. For a complete answer to this question, you must coordinate between your Unit Educational Officer and Lahne Black to work out the details.

Do you have ideas to improve this Newsletter or the Program?

We'd love to hear from you.