



Montague – CTE Scholars Carl D. Laird (2010-11) College of Engineering

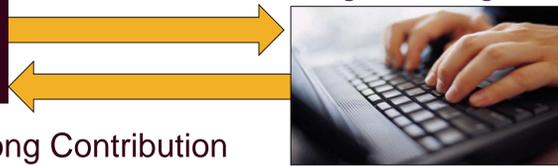


TEXAS A&M
UNIVERSITY

Encourage Lifelong Learning Through Participation in Online Technical Communities

Online Technical Communities

Mechanism for Lifelong Learning



Mechanism for Lifelong Contribution

Online technical communities provide a valuable opportunity for continued lifelong learning. While online social services provide communication pathways and potential for professional networks, technical communities are much more focused on developing, debating, and disseminating technically relevant content. Online technical communities provide the most up-to-date information in these rapidly changing fields.

These communities also provide a unique opportunity for our graduates to engage in a lifelong practice of contributing to their field and increasing society's understanding of science and engineering.



The use of a tablet in the classroom keeps the pace of note writing while allowing the instructor to maintain visual contact with the students.

Creating A Community Using an Online Classroom Forum

phpBB[®] CHEN 320 Forum
Discussion forum for CHEN 320 Students

FORUM	TOPICS	POSTS	LAST POST
General Use this forum for discussion of general topics in the course	24	291	by jroman Wed Nov 02, 2011 7:51 pm
Homework Use this forum to discuss homework problems and solutions	22	154	by claird Wed Nov 02, 2011 8:02 pm
Exams Use this forum to discuss questions about exams during the term and the final	18		

HW1 Q13 partB
by thowell • Sat Sep 17, 2011 1:28 pm
Rating: 0.94%

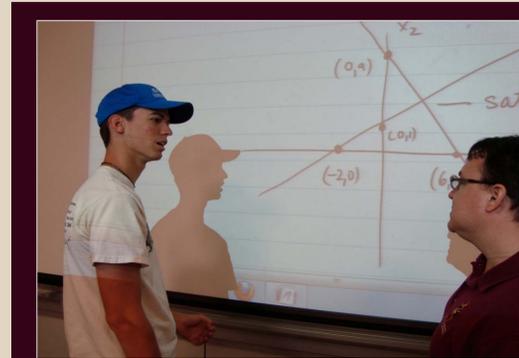
Q2 Part c
by jstewart • Tue Sep 13, 2011 6:11 pm
Anyone know how to transfer the vector quantities in part c on number 2? We want to isolate x (scalar form) and use b, bar (vector form).
A-x = b, solve for x

Re: Q2 Part c
by jbender • Tue Sep 13, 2011 6:31 pm
you know that the end result is a 1x2 matrix and a is a 2x2 matrix, therefore the number of columns in the X(vector) must match the number of rows in A so just say X(vector)=[a b]T (transpose into a 1x2 vector) then multiply A*X(vector)=b to get a system of two equations with two unknowns.

Re: Aggie Football
by jroman • Wed Nov 02, 2011 7:51 pm
I wrote this code and it seems to be working when guessing whether we'll win or not.

```
CODE: SELECT ALL
if opposing_team= 'A joke': 'Slightly Harder': 'Really Easy'
    fprintf('you will win by a touchdown')
elseif opposing_team= 'Wants to Sue You'
    fprintf('you will win and rub in faces')
else
    fprintf('you have won. Dont watch past the first half. Seriously dont')
end
```

Student Feedback Regarding the Online Classroom Forum



"The forum is a great way to receive specific attention from the professor, teaching assistants, and even other students! It has allowed me to collaborate and communicate with my classmates in a simple and efficient manner."

"The forum helped to get all my questions answered as soon as possible. It was helpful the night before the test to get questions answered immediately. The forum was the quickest help center. There was no 24 hour wait involved."

"The forum allows me to see if students are having similar difficulties on a specific question as well as any solutions to that problem."

"I thought the forum was most helpful for me to study for tests and check my full understanding of concepts taught in the course. I read through the questions that other students post on the forum, and I see if I am capable of answering those questions without consulting my class notes. I find this method quite effective in my learning process because the forum allows me to think about problems and concepts from the different perspectives of my classmates and instructor."