Computer Science Department Meeting

Thursday, January 29, 2015

Agenda

1. Follow up from last meeting
    a. Please review minutes from last meeting
2. Fall 2015 Class Schedule
    a. Review current class offerings
3. Fulltime CS Hire
    a. Recruitment is open, Deadline is 2/25/2015
    b. We need to set up meeting and interview dates
    c. Final Interview with President Fallo is April 30, 2015.
    d. Hiring committee volunteers include Greg Scott, Massoud Ghyam, Satish Singhal, and Ralph Taylor
    e. Maybe we can get part time instructors from this pool as well

4. CS 12
    a. Change or inactivate
5. Memory upgrade to Computer Science faculty laptops to 8 gigabytes
6. CTEA Grant
    a. Deadline will probably be some time in February/March

7. Student Competitions and Trainings
    a. iPhone Development Workshop (MakeSchool formerly MakeGamesWithUs)
        i. They want to set up a workshop for our students
    b. .xyz Web Design Contest
        i. See included flier

EL CAMINO COLLEGE
MATHEMATICAL SCIENCES
Computer Science Department Meeting
January 29, 2015

Present: Carl Broderick, Greg Fry, Massoud Ghyam, Marta Maaza, Matthew Mata, Greg Scott, Jackie Sims, Satish Singhal, Ralph Taylor

FOLLOW UP FROM LAST MEETING

Minutes were approved unanimously.

FALL 2015 CLASS SCHEDULE

The fall 2015 schedule is being finalized. There will be nine sections of CS 1. One section of CS 2 was cancelled.

There may be enough students to offer one section of CS 30 in fall 2015. S. Singhal will poll current students to gauge interest in CS 30.

CS 16 interest was minimal. R. Taylor recommended offering CS 30 instead of CS 16.

CS 1 sections should be polled to see how many students are interested in CS 16.

A new full-time Computer Science instructor will be hired. It may be an option for him/her to teach CS 16.

J. Sims recommended that the course outline for CS 16 be updated to match current industry standards. R. Taylor will work with A. Hockman on updating the course outline in CurricUNET.

Depending on the results of the student polls for CS 16 and 30, we may keep CS 16, cancel one section of CS 2 and add one section of CS 30.

FULLTIME CS HIRE

Recruitment for a new full-time Computer Science instructor is open and the deadline to apply is 2/25/15.

Final interviews with President Fallo will be 4/30/15.

G. Scott, M. Ghyam, S. Singhal and R. Taylor are interested in participating on the hiring committee. G. Fry volunteered as a backup for R. Taylor.

Interview questions and initial interview dates need to be finalized before access to submitted applications is granted.

Recommendation to hire part-time Computer Science instructors from the same pool of applicants.

CS 12

M. Ghyam recommends that CS 12 either be revised or inactivated.

CS 12 was offered twice and many students dropped the course because it was hybrid and not fully online.

Recommendation that it remain hybrid and meet on the weekend, or convert to fully online.

In order to go fully online, CS 12 would have to go through the curriculum process.

J. Sims recommended that the class meet Saturdays while going through the curriculum process. It will take a year to make the change to go fully online.

M. Ghyam, S. Singhal and A. Hockman will work on updating the material for CS 12.

In spring 2016, CS 12 will be offered as a hybrid and meet on Saturdays.

The earliest a fully online CS 12 could be offered is fall 2016. It must be submitted to the Curriculum Committee by October.

MEMORY UPGRADE TO COMPUTER SCIENCE FACULTY LAPTOPS TO 8 GIGABYTES

The current laptops are too slow and not functional.

M. Ghyam and S. Singhal will write a proposal requesting laptops with 8 GB or larger.

This can also go in as a CTEA request.

CTEA GRANT

The deadline is in February or March.

S. Singhal will write the grant for an additional computer lab.

J. Sims will inquire whether the computer lab has to be specifically for student use and not instruction in order to be funded by CTEA.

There should be an idea of what we will pursue with the CTEA funding by 2/5/15. From there, it can be narrowed down.

STUDENT COMPETITIONS AND TRAININGS

iPhone Development Workshop (MakeSchool formerly MakeGamesWithUs) -

- This company would like to setup a workshop for students regarding cell phone apps.
- It was determined that this information will be not sent to students.

.xyz Web Design Contest

- G. Scott mentioned that students aren't interested in web design activities.

ANNOUNCEMENTS

As a general rule, students should not remove cable wires from the computer lab to use on their personal laptops. The division office will post signs regarding this.

S. Singhal started entering SLO data for CS 30 and 40. Questions for this should be submitted to him.

ADVISORY BOARD

J. Sims will send an email regarding advisory boards.

01/27/15
09:28AM

COURSE SECTION SCHEDULE
2015/FA
Hierarchy and Section Sort

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School.....:
Division..: Mathematical Sciences
Department: 2125

Course Section/ Synonym	Title/ Faculty Members	Instr Meth	Room	Days	Time	---Start/End--- Date	Freq	Credits	CEUs
CSCI-1-0100 0100	Prob Solvng/Prog Dsgn C++							4.00	
	Staff - MATH	LAB	MBA 113	MW	07:00AM 08:25AM	08/22/15 12/11/15	Week		
	Staff - MATH	LEC	MBA 219	MW	08:35AM 10:00AM	08/22/15 12/11/15	Week		
CSCI-1-0101 0101	Prob Solvng/Prog Dsgn C++							4.00	
	Staff - MATH	LEC	MBA 219	MW	08:35AM 10:00AM	08/22/15 12/11/15	Week		
	Staff - MATH	LAB	MBA 113	MW	10:10AM 11:35AM	08/22/15 12/11/15	Week		
CSCI-1-0106 0106	Prob Solvng/Prog Dsgn C++							4.00	
	Staff - MATH	LAB	MBA 220	S	09:00AM 10:25AM	08/22/15 12/11/15	Week		
	Staff - MATH	LEC	MBA 218	S	10:35AM 12:00PM	08/22/15 12/11/15	Week		
		LEC	MBA 218	S	12:30PM 01:55PM	08/22/15 12/11/15	Week		
		LAB	MBA 220	S	02:05PM 03:30PM	08/22/15 12/11/15	Week		
CSCI-1-0108 0108	Prob Solvng/Prog Dsgn C++							4.00	
	Staff - MATH	LAB	MBA 120	MW	11:20AM 12:45PM	08/22/15 12/11/15	Week		
	Staff - MATH	LEC	MBA 105	MW	12:55PM 02:20PM	08/22/15 12/11/15	Week		
CSCI-1-0109 0109	Prob Solvng/Prog Dsgn C++							4.00	
	Staff - MATH	LEC	MBA 105	MW	12:55PM 02:20PM	08/22/15 12/11/15	Week		
	Staff - MATH	LAB	MBA 113	MW	02:30PM 03:55PM	08/22/15 12/11/15	Week		
CSCI-1-0114 0114	Prob Solvng/Prog Dsgn C++							4.00	
	Staff - MATH	LAB	MBA 113	TTH	02:40PM 04:05PM	08/22/15 12/11/15	Week		
	Staff - MATH	LEC	MBA 219	TTH	04:15PM 05:40PM	08/22/15 12/11/15	Week		
CSCI-1-0115 0115	Prob Solvng/Prog Dsgn C++							4.00	
	Staff - MATH	LEC	MBA 219	TTH	04:15PM 05:40PM	08/22/15 12/11/15	Week		
	Staff - MATH	LAB	MBA 113	TTH	05:50PM 07:15PM	08/22/15 12/11/15	Week		
CSCI-1-0120 0120	Prob Solvng/Prog Dsgn C++							4.00	
	Staff - MATH	LAB	MBA 120	MW	04:25PM 05:50PM	08/22/15 12/11/15	Week		
	Staff - MATH	LEC	MBA 319	MW	06:00PM 07:25PM	08/22/15 12/11/15	Week		

COURSE SECTION SCHEDULE
2015/FA
Hierarchy and Section Sort

School.....:
Division..: Mathematical Sciences
Department: 2125

Course Section/ Synonym	Title/ Faculty Members	Instr Meth	Room		Days	Time	Start/End Date	Freq	Credits	CEUs
CSCI-1-0121 0121	Prob Solvng/Prog Dsgn C++	LEC	MBA	319	MW	06:00PM	08/22/15	Week	4.00	
						07:25PM	12/11/15			
	Staff - MATH	LAB	MBA	120	MW	07:35PM	08/22/15	Week		
	Staff - MATH					09:00PM	12/11/15			
CSCI-16-0168 0168	Assem Lan Prgrmg IBM PC	LEC	MBA	319	MW	02:25PM	08/22/15	Week	4.00	
						03:50PM	12/11/15			
	Staff - MATH	LAB	MBA	220	MW	04:00PM	08/22/15	Week		
	Staff - MATH					05:25PM	12/11/15			
CSCI-2-0140 0140	Intro to Data Structures	LAB	MBA	113	MW	12:10PM	08/22/15	Week	5.00	
						01:35PM	12/11/15			
	Staff - MATH	LEC	MBA	219	MW	01:45PM	08/22/15	Week		
	Staff - MATH					03:50PM	12/11/15			
CSCI-2-0141 0141	Intro to Data Structures	LEC	MBA	219	MW	01:45PM	08/22/15	Week	5.00	
						03:50PM	12/11/15			
	Staff - MATH	LAB	MBA	113	MW	04:05PM	08/22/15	Week		
	Staff - MATH					05:30PM	12/11/15			
CSCI-2-0146 0146	Intro to Data Structures	LAB	MBA	120	TTH	03:25PM	08/22/15	Week	5.00	
						04:50PM	12/11/15			
	Staff - MATH	LEC	MBA	209	TTH	05:00PM	08/22/15	Week		
	Staff - MATH					07:05PM	12/11/15			
CSCI-2-0147 0147	Intro to Data Structures	LEC	MBA	209	TTH	05:00PM	08/22/15	Week	5.00	
						07:05PM	12/11/15			
	Staff - MATH	LAB	MBA	120	TTH	07:15PM	08/22/15	Week		
	Staff - MATH					08:40PM	12/11/15			
CSCI-3-0156 0156	Computer Programming in Java	LAB	MBA	113	S	09:00AM	08/22/15	Week	4.00	
						10:25AM	12/11/15			
	Staff - MATH	LEC	MBA	118	S	10:35AM	08/22/15	Week		
	Staff - MATH					12:00PM	12/11/15			
		LEC	MBA	118	S	12:30PM	08/22/15	Week		
						01:55PM	12/11/15			
		LAB	MBA	113	S	02:05PM	08/22/15	Week		
						03:30PM	12/11/15			
CSCI-3-0161 0161	Computer Programming in Java	LAB	MBA	113	MW	05:40PM	08/22/15	Week	4.00	
						07:05PM	12/11/15			
	Staff - MATH	LEC	MBA	219	MW	07:15PM	08/22/15	Week		
	Staff - MATH					08:40PM	12/11/15			

COURSE SECTION SCHEDULE
2015/FA
Hierarchy and Section Sort

School....: Mathematical Sciences
Division..: Mathematical Sciences
Department: 2125

Course Section/ Synonym	Title/ Faculty Members	Instr Meth	Room	Days	Start/End Time	Date	Freq	Credits	CEUs
CSCI-3-0162	Computer Programming in Java	LEC	MBA 219	MW	07:15PM 08:40PM	08/22/15 12/11/15	Week	4.00	
0162	Staff - MATH								
	Staff - MATH	LAB	MBA 113	MW	08:50PM 10:15PM	08/22/15 12/11/15	Week		

01/27/15
09:28AM

COURSE SECTION SCHEDULE
2015/FA
Hierarchy and Section Sort

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School....:
Division..: Mathematical Sciences
Department: 2127

Course Section/ Synonym	Title/ Faculty Members	Instr Meth	Room		Days	Start/End Time	Date	Freq	Credits	CEUs
ENGR-1-0180 0180	Intro to Engineering Staff - MATH	LEC	MBA	218	TH	05:30PM 07:35PM	08/22/15 12/11/15	Week	2.00	
ENGR-9-0182 0182	Engr Mechanics - Statics Ms. Jill S. Evensizer	LEC	MBA	213	MW	06:30PM 07:55PM	08/22/15 12/11/15	Week	3.00	

EL CAMINO COMMUNITY COLLEGE DISTRICT

Job Title:	Full-Time, Tenure-Track Instructor – Computer Science
Req:	A1415-046
Location:	ECC Campus
Division:	Mathematical Sciences
Position Type:	Faculty
Posting Close Date:	02/25/2015

JOB DESCRIPTION

Full-time teaching assignment(s) in Computer Science which includes teaching courses in Assembly Language, Data Structures, UNIX,C++, JAVA, and Internet Programming as well as new computer languages that might emerge including Python. Responsibilities include teaching both lecture and computer lab classes, maintenance of required office hours, full participation in departmental activities, participation in the governance of the college via committee assignments; active involvement in activities designed to improve teaching; application of technology to the instructional program, and establishment of a liaison with companies that employ computer programmers and systems analysts.

REQUIRED QUALIFICATIONS

- Master's degree in Computer Science or Computer Engineering OR
- Bachelor's degree in either of the above AND Master's degree in Mathematics, Cybernetics, Business Administration, or Engineering; OR
- The equivalent - Candidates not possessing the required qualifications as stated above, must complete the supplemental page of the district application and explain in detail how their qualifications are equivalent to those above; OR
- Valid California Community college instructor credential in appropriate subject AND
- Sensitivity to and understanding of diverse academic, socioeconomic, cultural, and ethnic backgrounds of college students, and of individuals with disabilities.

DESIRED QUALIFICATIONS

- Experience and interest in teaching Computer Sciences courses at the community college level.
- Qualifications, experience, and interest in teaching:
- Mathematics (all levels) at the community college level.
- Engineering courses at the community college level.
- Experience in the computer field as a programmer or system analyst.
- Knowledge of instructional strategies for promoting student learning.
- Familiarity with the use of computers and other multimedia technologies in instruction.
- Knowledge in developing industry-based programs.
- Knowledge of designing curriculum that is responsive to the needs of IT professionals.
- Demonstrated experience using student learning outcomes assessment to improve student learning, program review, and curriculum review.

SUPPLEMENTAL QUESTIONS - Please keep your response between 150 and 300 words.

1. What strategies do you use to motivate students and facilitate students' self-motivation? How do you assess whether these strategies are effective?

2. Please describe your knowledge of and experience with using student learning outcomes assessment to improve student learning.

CONDITIONS OF EMPLOYMENT

Contract shall be for full-time, tenure-track teaching assignment for the 2015 – 2016 academic year, beginning August 20, 2015. A teaching demonstration will be required during the interview process. Offer and acceptance of employment is subject to verification of all information provided on the employment application, credential(s), and transcripts. Candidates selected for employment must agree to be fingerprinted, provide current tuberculosis test results, provide proof of eligibility for employment in the United States, and present a valid Social Security card upon hire.

SALARY

The starting salary ranges from $61,209 - $84,073 depending on education and experience. Excellent fringe benefits are included.

TO APPLY

An applicant must submit the following by the closing date:

1) Online application: https://elcamino.igrentree.com/css_academic

2) Cover letter describing how applicant meets the qualifications.

3) Resume including educational background, professional experience, and related personal development and accomplishments.

4) Pertinent transcripts as stated in the required qualifications. (Unofficial computer-generated academic records/transcripts must include the name of the institution and degrees awarded to be acceptable.)

Foreign Transcripts: Transcripts issued outside the United States of America require a course-by-course analysis with an equivalency statement from a certified transcript evaluation service verifying the degree equivalency to that of an accredited institution within the USA. For information on transcript evaluation services, please visit: http://www.ctc.ca.gov/credentials/leaflets/cl635.pdf

5) Evidence of a valid community college credential, if applicant holds one.

Please Note: Documents submitted or uploaded for a previous position cannot be reused for other positions. You must submit the required documents for each position you apply for by the closing date. Failure to do so will result in an incomplete application. Applications with an incomplete status will not receive consideration. You may check the status of your application on-line.

If you need assistance you may call 310-660-3593 Ext. 3474 between the hours of 8:00 a.m. and 4:00 p.m. Monday through Friday.

Due to the large volume of calls received on closing dates, we highly recommend that you **do not** wait until the last day to apply so that we may assist you with questions or technical matters that may arise. Give yourself sufficient time to complete the profile, which may take 45 minutes or more. Positions close promptly at 3:00 p.m. PST (pacific standard time).

The college will be closed December 24, through January 1, 2015, January 19, February 6, and 16, 2915.

Closing Date: Wednesday, February 25, 2015 at 3:00 p.m.

Interview Expenses

Only individuals identified for FINAL interviews are eligible to have their expenses paid. Reimbursement will be limited to economy airfare (to and from point of origin) and for meals and lodging. The maximum allocated for meals, lodging and transportation is $600. Candidate must complete a Travel Request and Reimbursement Form and submit it together with all supporting documentation to the Human Resources Office.

Compensation and Benefit Highlights

Health, Life, Dental and Vision Insurance
The College provides a diversified insured benefit program for all full-time employees including medical, dental, vision and life insurance. Dependent medical, dental and vision insurance is available toward which both the College and the employee contribute.

Sick Leave and Disability
Paid sick leave is granted equal to one day for each month of service. Sick leave may be accumulated indefinitely. Rather than State Disability Insurance, limited sick leave benefits are available for days beyond the earned sick leave days and are paid at fifty percent.

Retirement
Full-time employees contribute a percentage of their regular salary to either the State Teachers Retirement System (STRS) or to the Public Employees Retirement System (PERS) and social Security. Upon termination, STRS or PERS retirement contributions may be withdrawn in full, plus accumulated interest. Various benefit options are available for employees upon retirement.

CTEA ALLOCATION PROCESS

1. Submit to your dean your CTEA proposals and all accompanying documentation by Friday, February 21st. Your dean must approve your proposal and submit it with the required accompanying documents by Friday, March 7th at 4:00 p.m. No handwritten proposals will be accepted. Deans will e-mail completed proposals to Dr. Virginia Rapp in the Business Division at vrapp@elcamino.edu.

2. The CTEA advisory committee will review proposals on or about Wednesday, March 19th.

3. Consultation with Vice-Presidents will be on or about April 4th with final recommendations submitted to Cabinet for approval prior to final approval by the ECC Board of Trustees. Approved proposals will be contingent upon continued CTEA funding.

4. Be sure the applications are complete and self-explanatory as the final decisions will be made based upon the information contained therein. If you have any questions, please contact Dr. Virginia Rapp at ext. 3770.

GUIDELINES

1. Proposals will be assigned up to 18 points using the Decision-Making Matrix (See Additional References Section of this form). The average score of each proposal will be calculated.

2. Proposals must meet CTEA requirements. Funds are to be used to improve or expand, not maintain programs. Funds are to be used to develop, implement and improve CTE programs rather than isolated courses or general education programs. To get an idea of what can and cannot be funded with CTEA funds, watch the following video — http://screenr.com/zu4H.

3. Funded proposals begin on July 1, 2014 and must be completed by June 30, 2015. Recipients will be required to complete an audit worksheet on how they meet the required uses of funds, submit quarterly reports and a final summary of activities and outcomes. A program may submit more than one application. Proposals must include a detailed budget indicating the exact amount (including taxes and shipping fees) requested. For equipment and supplies include specifications such as vendor, make/model.

4. All questions on the application must be answered. Be specific and clear in your responses. The committee will be judging your proposal solely on what they read. 100% of funds for equipment must be spent/encumbered by December 12, 2014. Projects must spend 50% of the allocated funds by March 16, 2015. Funds that have not been spent/encumbered by the deadline will be reallocated. If you have questions or need assistance with the application, please contact Dr. Virginia Rapp, x3770. Also, you can consult the CTEA Grant website on MyECC to help you complete your proposal. The website can be accessed under the "Academic Affairs" tab on MyECC.

.xyz Web Design Contest

Participate in the first-ever web design contest where YOU design anything you'd like on a short and memorable .xyz domain name.

Win a Macbook Air, Xbox One, Jawbone Jambox, Google Chromecast, and more!

Contest is open to all students, faculty, staff, and alumni.

ALL participants will receive free:

- GoDaddy hosting account
- .xyz domain name
- 30-day access to General Assembly's online courses
- Up to $500 in General Assembly tuition credits

Need some inspiration? Build out your very own:

- Portfolio or résumé
- Blog
- Store
- Business or product site
- Game
- Event page

Learn more and enter now at

www.generalassembl.xyz

Free Contest Info Session

Wednesday, January 28 | 7-9 PM
General Assembly DTLA
1933 S. Broadway, 11th Floor
Los Angeles, CA 90007