

Physics/Engineering Department meeting, October 2015
Agenda & Minutes:

Attendees:					
Malcolm Rickard	X	Martin Mason	X	Phil Wolf	
Daniel Anderson	X	M. Zahir Khan	X	Karen Schnurbusch	X
Vahe Tatoian		Eugene Mahmood	X	Maria Vaughn	X
Michael Cheung	X				
Item		Notes		Actions	
Announcements					
Lab stuff		<p>New demos made at lab tech day: Magnetic Arrows, Centripetal force cups, Tangent circle, A cubic meter Center of Mass Bubble-centripetal force Dual track race Falling ball and rotating cup Curved inclined plane Human Battery Credit to Zuhair</p> <p>Maria obtained quotes for new printers</p> <p>Martin and Phil are asking for other items.</p>		Malcolm will take quote to Karelyn for approval	
New Temp Faculty position		Timeline is delayed,		Daniel will share his office.	
Faculty Senate Report		<p>1) President report: AMAC: New Faculty Requests: 70 request for exec board-(40 ranked) -27 ish</p> <p>2) Scroggins: Campus emergency plan: ICS (Incident Command Structure), there is an expensive emergency response system; device (email, voice, light) for direct communication, that will be installed in the classroom. Text system is not good 4 min - days</p> <p>3) Faculty Negotiations Survey for FA is on line</p> <p>4) Putting on the hits (tickets are low)</p>			

	5) Professional development plan: POD Get request in early and they run out early spring.	
Faculty Association Report	Michael reports	Faculty will see survey on line.
Executive board	We need someone on executive board. Presently no department member has the time to commit to this.	As the department expands, present and future faculty members will become available to perform this duty.
Notes from chair's meetings	Wish lists Expect new faculty?	Send with lists to Maria Tentative committee: Malcolm, Martin, Phil, Karen, Daniel are alternates
Physics Realignment	EM waves are required to transfer to CSU, but this is not covered in 4A & 4B. In any year, our department puts out ~250 4A students ~150 4B students and just ~50 4C students. Dept. supports 1 unit winter course, 4D, lecture only, covering fluids mechanical waves and EM waves, math and 4A as prereqs. 4C content discussed.	Phil will write this course.
room redesign?	11-2101 Martin met with Michaela, who was enthusiastic. Earliest expected arrival, Winter 2017	
SPS/Robotics club Events	Recent events in bldg. 60 and 9C. There's something almost every weekend. A lot of the stuff in robotics is going really well.	
Parity		Malcolm will apply for parity for Phys 6B. Martin will apply for parity for new engineering courses.
Curriculum update	Eng 6 had been approved, then pulled because the Business department was not consulted.	
Schedule Review	Spring schedule needs fixes. Department opposes 3:15-5:20pm	Division is working on fixing Spring schedule.

	+6:30-7:55 pm block	Department will no longer schedule classes on the 3:15 block.
Fall Schedule Preview	The problem will be that we may have more courses than we have supervision. Phil will be in 4A.	Department will come up with a rough draft.
AST	See attached Department fully supports this degree. Waiting for approval of Eng. 6	
Anything else?	<p>STEM</p> <p>Suggestion to be more involved. Daniel was pleased to announce that there is a full time counselor dedicated to the center.</p> <p>The comment from one department member, “Why was a counselor with a degree in Art!? why not a STEM major?”</p> <ol style="list-style-type: none"> 1) STEM center: Are typically engineering focused around the nation 2) (Loni, Zoe) Life management, Study skills, Applied math series (4 week, 2 hours, \$500) 3) League: Model: Is strong accountability. A) 3hours a week B) recopy there class notes C) pre-work as Mindmapping 4) Mindmapping for our department (STEM center training) : Consider using it as a method of flipping your classes, consider letting them use it on your exams (knowledge maps) 5) Three engineering diagram seminars <ol style="list-style-type: none"> a. Kinematics, vectors, tenor, b. F.B.D.=> K.D. c. R.B.D=> K.D. 	

	<p>6) Society of Societies: Engineering Societies: SHPE, SWE, NSBE, SAE,</p> <p>7) Bridge program A (getting them into our program)</p> <p>Bridge Program B (getting them into University. Department Appreciates Daniel's work as our representative in the STEM center.</p>	
Schedule for our next meetings	Wednesday 18 th , 5:00 pm.	

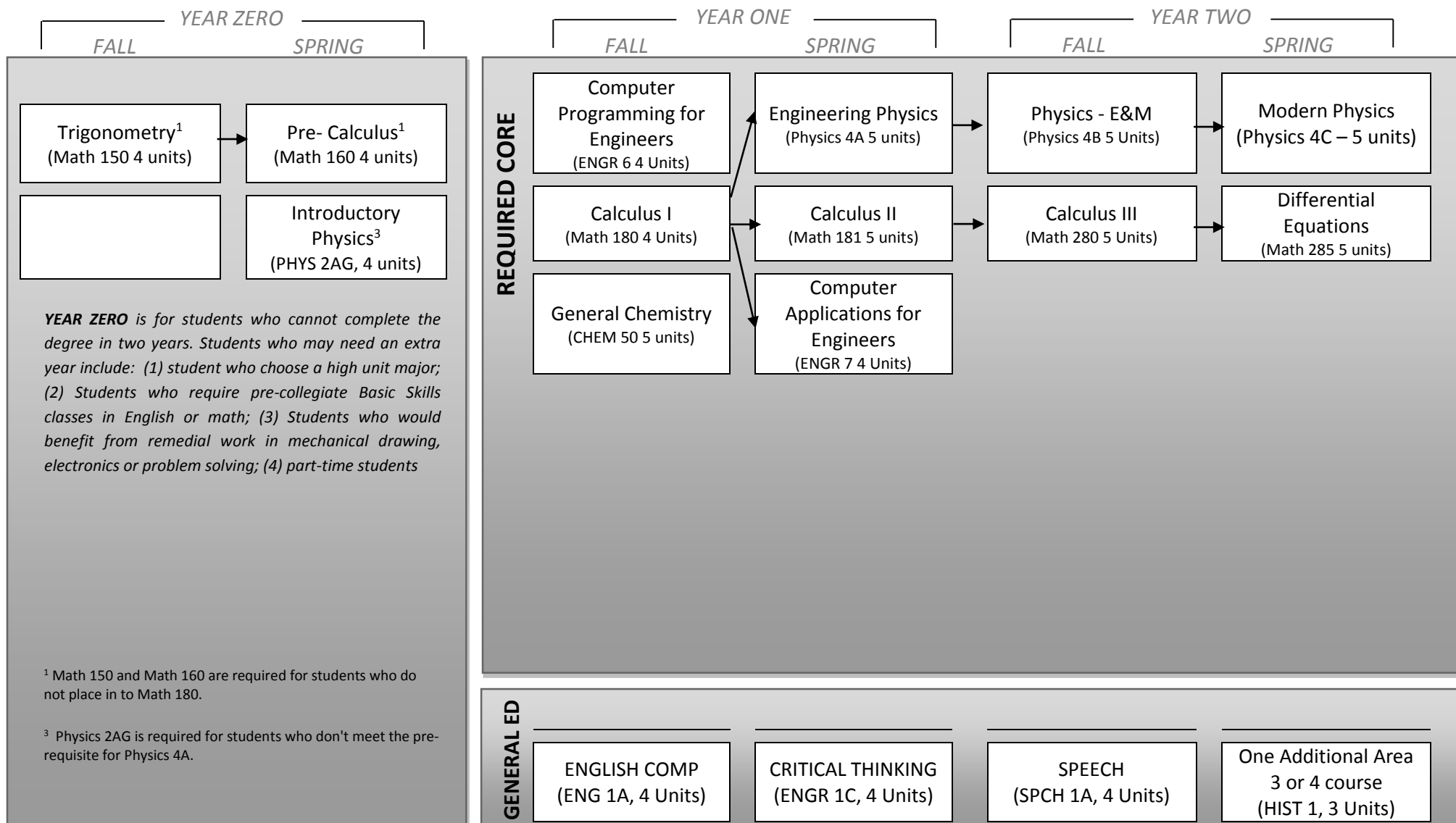


Mt. San Antonio College - Department of Physics

Associates in Science in Physics for Transfer Degree

Plan for Physics Area Courses (DRAFT)

The AS-T physics degree provides PREFERENTIAL ADMISSION to all CSU campuses state wide and guarantees admission. All physics students are strongly recommended to complete it as opposed to IGETC transfer criteria. Students pursuing the AS-T physics Degree must complete general education courses. For information on General Education courses, see "Transferring to California College and Universities" in the Mt. SAC College Catalog.



This is only a suggested sequence of General Education courses. Students are encouraged to consult individual institutions for more specific guidelines

