

MISSION: How does the program meet the District's mission and established core competencies? Does program reflect the District's diversity?

a) Complete the revision of all physics course outlines to better reflect student learning outcomes according to the timeline.	Impact									
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Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other	
Phys 111 and 112 outlines need to be revised	Fall 09	Ramos	P							

b) Faculty should continue to research industrial needs for education in emerging technologies (e.g. nanotechnologies) and consider courses to address new career paths.	Impact									
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Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other	
The faculty are no longer considering nanotechnology, but they are considering incorporating green technologies into existing curriculum.	Spring 2010	Ramos, Scott	N/A							

MISSION: How does the program meet the District's mission and established core competencies? Does program reflect the District's diversity?

c) Consider offering Physics 105 Summer '08.	Impact
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Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other
Budget restrictions preclude offering this class in Summer 2008. The faculty are considering offering this class in Winter 2010 or Summer 2010.	W 2010	Ramos/Kai sler	P						

d) Faculty should increase participation in activities with local high schools to stimulate physics enrollment.	Impact
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Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other

MISSION: How does the program meet the District's mission and established core competencies? Does program reflect the District's diversity?

e) The department should consider developing a new honors course, possibly for Physics 110.	Impact									
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Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other
Pending. The faculty need to complete research to justify demand for the class.	Sp 2010	Ramos/Scott	P						

f) The physics courses are populated by a large number of Asians relative to the general ethnic background of Citrus College students. The Department should consider investigating similar trends in nearby community colleges.	Impact									
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Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other
Utilize APS website to evaluate demographic trends in Physics classes.	Sp 2010	Ramos/Scott	P						

NEED: How is program addressing needs based on labor market data, enrollment, articulation, advisory committee, regional agreements, etc.?

a) Expose students to science and engineering employment opportunities.				Impact					
Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other
Continue to work with Transfer Center to link employment to Physics	Sp 2010	Ramos/Scott	C						

b) Continue to develop web pages for the program, classes and specific instructors.				Impact					
Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other

NEED: How is program addressing needs based on labor market data, enrollment, articulation, advisory committee, regional agreements, etc.?

c) Offer the new Physics 110 hybrid distance education course in fall '07.	Impact									
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Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other	

d) Consider additional Distance Education offerings. Explore the feasibility of developing a DE course for Physics 111 and 112.	Impact									
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Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other	

e) Evaluate the need to re-design Physics 111 and 112 as a physics for biology majors course with or without calculus.				Impact					
Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other

QUALITY: Are lec/lab unit values appropriate? Have the course outlines been reviewed/updated regularly? Are disciplines appropriate? Is faculty development adequate? Does program support State and District emphasis on critical thinking, problem solving and written expression? Where is the program in the SLOA cycle? Are course pre-requisites and co-requisites validated?

a) Complete the revision of physics course outlines to better reflect student learning outcomes according to plan	Impact
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Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other
Complete new course outlines for Physics 111, 112, 121, and 122.	Fall 09	Ramos	I			X	X		

b) Labs should continue to maintain state-of-the-art equipment	Impact
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Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other

QUALITY: Are lec/lab unit values appropriate? Have the course outlines been reviewed/updated regularly? Are disciplines appropriate? Is faculty development adequate? Does program support State and District emphasis on critical thinking, problem solving and written expression? Where is the program in the SLOA cycle? Are course pre-requisites and co-requisites validated?

c) Faculty should continue regular contact with peers at other institutions				Impact					
Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other

FEASIBILITY: Are facilities, equipment, and library resources adequate? Are evening programs and services adequate? Are course offerings frequent enough for students to make adequate progress in both day and evening programs? Does the program have adequate communication with & support from Counseling?

a) Faculty members should research grants funding for program development in emerging technologies such as nanotechnologies.				Impact					
Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other

b) Determine need for equipment in the area of electricity, magnetism and modern physics that does not deal with circuit theory				Impact					
Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other

FEASIBILITY: Are facilities, equipment, and library resources adequate? Are evening programs and services adequate? Are course offerings frequent enough for students to make adequate progress in both day and evening programs? Does the program have adequate communication with & support from Counseling?

c) Incorporate self-correcting computer tutorials such as Mastering Physics into the Physics 202 and 203 discussion sections.	Impact									
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Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other
Implement use of Mastering Physics in Physics 202 and 203 for students who are in need of assistance.	Fa 09	Scott	P						

d) Despite repeated maintenance requests, air balance and temperature are still not maintained adequately in the PS building. PS 101 is sometimes below 60 degrees at class time, and PS 113 does not receive adequate ventilation. A/C ducting should be cleaned of soot.	Impact									
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Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other

e) Utilize basement area (behind PS113 and PS107) to store frequently used lecture demonstration equipment.				Impact					
Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other
Install locks on cabinets to ensure safety of demonstration equipment	Fa 09	Rabito y	I		X				
Order demonstration equipment	Fa 09	Ramos/Sc ott	I				X		

f) Determine the best utilization of PS121. Consider renovating for use as a seminar/conference room				Impact					
Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other
Continue as a discussion item.	Sp 10	Ramos/Sc ott	I		x		x		

COMPLIANCE: Do course requisites meet Federal, State & District requirements? Do the course outlines meet state, district & federal regulations for content? Do vocational programs have regular advisory meetings?

a) Review safety features on natural gas shutoffs in lab rooms				Impact					
Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other
Contact Jeff Eichler to review shutoff features with faculty and staff	Sp 09	Rabito y			x				
b) Install first aid kits in lab rooms				Impact					
Action/Activities	Target Date	Person Responsible	Status	FNIC	Facilities	Soft-ware	Equip-ment	Other Personnel	Other
Install first aid kits in lab rooms	Sp 09	Rabito y			x				