IMPERIAL VALLEY COLLEGE PROGRAM REVIEW COMPLIANCE FORM AND REQUEST FOR RESOURCES

DEPARTMENT	- Fire Teer	ACADEMIC YR. 1213
rehensive Program Review	Annual Assessment	Request for Resources (check all the
your Program Review data as well as your S I changes to area needs and subsequent reque		er to update to your Comprehensive Program I reported at this time.
annual Program Review Assessment only are changed as a result of your annual assessm	nd have no changes to area needs, sig	d and submitted to the appropriate Dean/VP. In below and submit this form to appropriate I complete the appropriate Request for Resource
opriate Dean/VP.	2/28/13	querre
rea Vice President	Date Signature of Area 28/13 Date	Dean I

ne following documents to this Program Review Compliance form if you are requesting additional resources: sive Program Review

is Form

ssessments

Resources Forms

Academic Program Evaluation - Fire Technology Division - Health and Sciences Department - Nursing and Allied Health - Fire Sciences

FIRE TECHNOLOGY COURSES

TERM	Enrollment	Fill Rate	of Section	Mass Cap	4 7 70 1 1	Avg. Class Size	FTES	FTEF	Productivity (FTES/FTEF)	Completion Rate	Success Rate
Fall 2009	238	70%		340		21.64	24.03	2.15			61%
Spring 2010	197	102.60%	10	192			20.61	2.07	9.96		55%
Fall 2010	275	92.28%	12	298	24.83	22.92	26.83	2.29	11.72	82%	65%
Spring 2011	250	104.17%	11	240	21.82	22.73	26.41	2.2	12	92%	66%
Fall 2011	243	60.45%	11	402	36.55	22.09	24.59	2.12	11.6	77%	50%
Spring 2012	175	44.99%	10	389	38.9	17.5	17.55	2.03	8.65	86%	56%
% Change Fall Semesters 09 -					200000000000000000000000000000000000000						
11	2.10%	-13.64%	0.00%	18.24%	18.25%	2.08%	2.33%	-1.40%	3.76%	-7.23%	-18.03%
% Change Spring Semesters 10 - 12	-11.17%	-56.15%	0.00%	102.60%	102.60%	-11.17%	-14.85%	-1.93%	-13.15%	4.88%	1.82%

<u>Comment</u>: Enrolment and Fill Rates were highest between Fall 10 and Spring11. The following academic year saw a drop in both with Fill Rate the most notable decrease. The overall Completion Rates has averaged 82-83% with the Success Rate averaging above 55% with further analysis to follow the additional data below.

PROGRAM COMPLETION

Number of certificates completed	Number of Associate Degrees Completed
Between Fall 2009 and Spring 2012	Between Fall 2009 and Spring 2012
0	8

<u>Comment:</u> The number of degrees is extremely low. However, the fire industry grants advancement according to OSFM certifications, which all fire courses provide to the student that successfully completes all course requirements & testing.

FIRE TECHNOLOGY COURSES - A.S. DEGREE & CERTIFICATE

A. S. DEGREE - Required Courses: FIRE 100, 101, 102, 103, 104, 105

Select 15 units from: AJ 108, CIS 101, FIRE/EMT 105, FIRE 109, 220,221, 222, 223, 224, 225, 226, 229, 230, 231, 232, 233, 234, 240, 241, 242, 245

CERTIFICATE Required Courses: FIRE 100, 101, 102, 103, 104, 105

Select 15 units from: AJ 108, CIS 101, FIRE/EMT 105, FIRE 109, 220,221, 222, 223, 224, 225, 226, 229, 230, 231, 232, 233, 234, 240, 241, 242, 245

	00	ENROLLMENT - # OF SECTIONS				FTES						FIII Rate						Welt Lists				
Course		F09	S 10	F 10	5 11	F 11	5 12	F09	5 10	F 10	5 11	F 11	5 12	F09	\$ 10	F 10	\$ 11	F 11	5 12	5 12	F 12	513
FIRE 100	25	50 - 1	34-1	27-1	28-1	38 - 1	25 - 1	3.50	3.5	2.78	2.88	3.91	2.57	100%	136.00%	90%	112.00%	76%	50%	110885	No. of Contract of	963
FIRE 101	25	15/10000	84 - 1	33-1	34 - 1	29 - 1	23-1	3.5	3.5	3.39	3.50	2.98	2.37	45000	136.00%	110%	136,00%	58%	46%	6dbishit	ACTION OF	000
FIRE 102	30	Charles and the	26 - 1	26-1	25-1	24 - 1	19 - 1	2.67	2.67	2.67	2.57	2.47	1.85	6,000,000	86.67%	86.67%	83.33%	48%	38%	880900	10375	850
FIRE 103	30	3671	1571	19 1	26 = 1			3.70	1.54	1.95	2.67	1.65	1.13	72%	50.00%	63.33%	86.67%	32%	22%	-dispassion	propegi	7000
FIRE 104	30	31"2	16-1	26-1	16-1	26-1	43-1	3.19	1.65	2.67	1.65	2.67	10134	44.29%	53.33%	86.67%	53.33%	52%	26%	CECUTE	6000	9222
FIRE/EMT 105	50	7471	7871	78-1	7571	757.1	78-1	4.24	6.84	7.82	8.14	2.61	4.23	148%	156.00%	156%	150.00%	150%	156.00%	STATE OF THE PARTY OF	G-0104	5000
FIRE 107		150 3000	0 = 1	0-1	0-1	distribution.	0.02560	dendot	SHIRPING.	mperp!	SHOPPING.	AND THE REAL PROPERTY.	10/40/309		Her Contract	SCHOOLSE.	anatemph	2501000	ADD STORED FOR	031510,115	10100	City
FIRE 108	30	24 - 1	11-1	5-1	24 - 1	25 - 1	9-1	2.47	1.13	0.51	2.47	2.57	0.93	48%	36.67%	16.67%	80,00%	50%	18%	\$76280	\$2.50	100
FIRE 109	20	27.71		241,099	23 - 1	1712	24 - 1	1.85	PAPERE	00000000	1.58	2000	1.65	135%	Middleum	SHIREFILL	92%	Extension.	96%	\$13NN	March 1	079
FIRE 117	30		NAME OF TAXABLE PARTY.	29 - 1		16 . 1		MINESSE.	9250(0)	0.99	CERTIFIED IN	0.55	Appropri	VERNING.	relatebarkan k	96.67%	90000000	80%	Children's	用特定	3373B	1000
FIRE 121	25	DESCRIPTION OF	20-1		20-1	diam'r.	23 . 1		0.69	NAME OF	0,69	CONTRACTOR OF THE PERSON OF TH	0.79	\$2000 E550 (p)	100%	种原用例例数	80%	(450 Feb.)	95.83%	100000	MODE STATE	000
FIRE 122	20	20 - 1	2003/3203	28 ; 1	5000周龄	22 1/1	05000	0.34	de Propins	0.48	653/1859	0.38	subliger:	100%	dutablins.	140%	42229696	100%	ASSESSES.	245.00	CONTR	00000
FIRE 130	20	19 - 1		2771	STANSON	21 - 1	BENEFIT	4,69	Spiralliple	6.67	Indexion	5.18	psylights.	95%	(sizintela)	135%	ASSESSMENTED.	105%	THE SAME OF		STATE OF	
FIRE 131	25	2010/2200	16 - 1	25275232	25 - 1	0121010	16-1	Seeking.	3.79	BURRE	5.91	(Marylan)	3.79	OCCUPATION D	80%	150105010	100%	20001402	80%	Singuista di	4030308	0000
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FIRE 221	20	11-1	500000	100000000	STATE OF	10-1	E32(33)	0.94	31271EH	ENDER!	12(12)3(7)	0.86	200,000	55%	application.	STATE OF THE PARTY.	NAME OF THE PARTY	50%	STATE STATE	September 1	STATE OF	550
FIRE 222		5525000000	SELECTION OF THE PERSON NAMED IN		ALCOHOL: N	The same of	E332001	ACTRECON.	SISTABLE .	distribution	septilization.	alianth)	500000	05/03/2005	102303030303	400000000000	AND SECURITION .	0.000	00169100	EUS259/3	6001200	Distant
FIRE 223		ediministi.	CONTROL OF THE PARTY OF THE PAR		National Property lies	E000000	(CONT.)	20020	50000	ter to think	100/00/00	(SSSSIE)	C150000	640000000	000000000	4000000000	000000000	183 - JA	SHATTER AVE	0.055033	12588751	1000
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FIRE 226	16	FORWARDS.	PROUPLY	17-1	NATIONAL PROPERTY.	ESPECTATE I	and the	SCIPSTIC-19	Principal Control	1.46	established.	refeles	652039	878/7009300	DEFECTOR	106.25%		#Shirt days file	1212/2019/8	DECORAL P	100000	1000
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FIRE 228		SOUTH LOT	13-1	a chillen	90000000	-0100000	-0.0000000	STREET, STREET,	1.11	ACCEPATION.	OUDSOLD!	ALTERNATION OF THE PARTY OF THE	Issued	electricals.	81.25%	40%S04087	Northwell.	Unichardo-	(BOSON)	N post SE	2000	
FIRE 229	25	11-1	CONTRACT	SUPPRESSE	15 - 1	MALE CONTRACTOR	100000	0.94	ACRES 2018	ACCESSORIAL TOPONOMICS AND ADDRESS AND ADD	1.29	depails.	2004/04	55%	CONTRACTOR OF	PROFESSION STATE	60%	807343830	2025-45-65	2500730	Said Jerry	100
FIRE 230		9-1	20000000	STREET		STORY OF THE PARTY	EMILE SE	0.77		35650	STONE STORY	\$21.0955pm	p40=020	45%	Feb.000/05/46	252315555CD	DAYLING TO SEE	January St.	Market Prints	400/SUCE		-
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FIRE 233		COURSE !	2000		Department of	Company of the	SERVICE.	20000	(CASIDA		0 1510	GENERAL	CESTURE !	Per extend	WEST-TIME	ASPANASANA	NO SHOW	100000000	STATE OF THE PARTY.	18/52343		
FIRE 234	16	SECTION SECTION		22 7 1	DOMEST OF	37743		ACTURATION.	SPACIFIC	51.00	DALLES OF	DELIG	MEDICAL PROPERTY.	G School St	differential to	137.50%	STREET, THE PARTY NAMED IN	Shrift House	Chilleanin	SCHOOL THE		1000
FIRE 240		CONTRACTOR .			SECTION 1	Service Section	10000	THE REAL PROPERTY.	100000	district to	PROSESSES.	mprient.	-355	Residentialistic	stocken place	TROSPOSITION OF THE PARTY.	THE PERSON NAMED IN	PROPERTY.	F2010-70100	THE PARTY	0 1000	1000
FIRE 241	\rightarrow	Charles Control	-				100000	GEPTER.	STORES.	The street	OCOURS.	CHARLES .	ALCOHOL:	or quality	CHARGE STATE	REPORTED A	elamostocial.	GARAGE STA	B30076025064	receive the	12 12 140	19700
FIRE 242	\rightarrow	-	A PROPERTY.	THE REAL PROPERTY.		Contract of the last	September 1	1000	CONTRACTOR OF THE PARTY.	(548) (570)	Name and Address of the Owner, where the Owner, which is the	sediments.	10000	The state of		MARKET PROPERTY.	HEXALUSTIC	MARKET BEST	STATE OF THE PARTY			0000
FIRE 245	\rightarrow	1-1-10-10-10-10-10-10-10-10-10-10-10-10-	September 1	CONTRACTOR OF STREET	STATE OF THE PARTY OF	100000000000000000000000000000000000000	The second	750,000	F21.703	200	Carlo Carlo	WINESCO.		March September	COLUMN TARGET		A LINE SPECIAL PROPERTY.	PRODUCT STATE	Delical Control	WC / TO	-	-
AJ 108		Carried Williams	Constitute of	Contractor to	ab-cuttor		25/10/10	per frequency	white your talk	ACTUAL TO	auridia.	groups and	STATE OF THE PARTY	2000	OLSP CHARLES	STREET, SQUARE,	THE PERSON NAMED IN	Strate Company	inended del	CAMPAGA		1
CIS 101	32	298 - 9	244-8	279 - 10	243 - 9	282 - 10	216 - 8	30.65	25.10	28.70	24.98	29.00	22.10	98.68%	141.86%	88,01%	140.46%	85.20%	82.13%		1000000	1000

<u>Comment:</u> The list of courses is extensive as these courses lead to Fire Officer status and IVC is the only local community college. Some of the courses listed above are specific to the Fire Academy or Fire Fighter 1 program, not Fire Technology.

FIRE TECHNOLOGY COURSES - COMPLETION AND SUCCESS RATE

LEC EMPERIOR	Completion Rate								Succes	s Rate		
Course	FO9	5 10	F 10	S 11	F 11	S 12	FO9	5 10	F 10	\$ 11	F 11	\$ 12
FIRE 100	64%	71%	48%	55%	53%	68%	26%	24%	37%	39%	18%	24%
FIRE 101	(Alteroversite)	68%	42%	79%	66%	70%	35%	4796	3396	22%	24%	22%
FIRE 102	Directional days on our	73%	73%	100%	83%	89%		46%	3196	68%	25%	21%
FIRE 103	83%	87%	95%	88%	63%	91%	4496	27%	32%	58%	25%	18%
FIRE 104	7796	8196	7796	88%	8196	7796	4296	3896	3596	4496	4296	23%
FIRE/EMT 105	7796	76%	72%	76%	76%	7796	49%	55%	5696	52%	5596	50%
FIRE 107	SHEWS CEER	CROSSINOSESS	MARKET PROPERTY.	LEGISLA TANK	197176300039537	WEST CONTROL					1500	
FIRE 108	83%	73%	100%	96%	72%	89%	54%	45%	40%	58%	40%	67%
FIRE 109	85%	unbrise-kateriali	enessiates.	100%	SHADOW NAME	96%	85%			100%		92%
FIRE 117	RESIDENCE CONTRACTOR	GENERAL STREET	100%	45540GHTES	100%	2011/10/1108	1-1-1	100	100%	- link 11	100%	4-1-6
FIRE 121	mbaccsurisia.	100%	Rang Beat took	95%	mfdrenskomt	96%		100%		55%		96%
FIRE 122	100%	#100 FE 92 (1991)	100%	\$500 Auditorio	100%		100%	1 1 1	100%	11	100%	
FIRE 130	95%	SEAson Strains	96%	92535000 June	100%	STANSACTOR	95%		93%		100%	
FIRE 131	20010	100%	2070	100%	designation (Charles)	100%	Parties at all	100%		88%	e cinital a	100%
FIRE 220	SCHOOL BY THE PARTY OF THE	20070	255220000000000	20070	81%	10070	- 6	10070		0070	81%	20070
FIRE 221	ID ARREST SEC	STREET, STREET	Salin (Obeloc	NAME OF TAXABLE PARTY.	70%	Method No.	-			14	70%	777
	GONG CONTROL OF	0234.0 manuful	Chine Change Service	Aludith males	7076	tanti un mobilo					7076	
FIRE 222	STREET, STREET	A TOWN AND WORKS	SERBARATOR DE	Photo Ly Chinato	50/50°-34 (00/50)	PER PART AND AND A		-		_		
FIRE 223	HOLDINGS THEY		\$25.50 (Egy*10		10 10 10 10 10 10 10 10 10 10 10 10 10 1				_			
FIRE 224	(415-6-60000)	SOMEORISTICS.	Second Lines	100%	100000000000000000000000000000000000000	100%				100%		100%
FIRE 225	G-PACIFICAN.	OTTO CARRYLING	ATTEC 300 A 30 A 30	O12 150HOS	94%	SCORE SOCIETY	_	_			94%	
FIRE 226	SERVICE GREAT	(SANCE SERVICE)	94%	MACCOUNTED	NEWSCHOOL STATE	SENERAL PRINCIPLES			94%			
FIRE 227	200000000	100%		SOLD STATE	SPECIFICAL PROPERTY.			100%				
FIRE 228	以外的社会的	100%	Managara de la composição de la composiç	White desired	1855 Barballar	Marikania.	-	100%		-	11.0	
FIRE 229	THE PROPERTY	especial/highligh	PETTINE THE	100%	Charles Carlot	\$250 principa			200	100%		
FIRE 230	100%	estimation sign	RESERVATION.	all of edition	0.01236-0200-0	Spirit Administra	100%			- Tr 10		
FIRE 231	el-fiskuries-teer.	stabilishikinde	World epithod	essessible result	lacticersupton	SHOW THE SALES	are tagenda					
FIRE 232	9800018000.9	NAME OF STREET	SECTION AND SECTION	22000000	19711700000	SPECIAL PROPERTY.						
FIRE 233	thingly assets.	CARC STREET	ASSESSED FOR THE PARTY.	(100,020,030,034)	entry patricing	10004720467	51 175.3			1 1	4 44 1 4	Total Control
FIRE 234	British Charles	DESCRIPTION OF THE PERSON OF T	100%	SERVICE TOO	SANCE OF SALE	04(3)(0)(5)(0)			100%			
FIRE 240	STREET, STREET	ariotecistrajių.	New WARAGE	(to)Kdy/ft/Ng	SS-Picralines	Debridge Stille	1					
FIRE 241	Record to block		dilitarakibili	596,400,606	16 hall droke	National Burden	100					
FIRE 242	M-MARKETY	99737670	REPRESENTATION OF THE PERSON O	ESTATE FOR	204150599	ARK SHITE						
FIRE 245	の方面を対抗を	DOMESTIC BUT	ARREST SPECIFICAL SPECIFICATION SPECIFICA	DOMESTIC PARK	100702-03	Wysters Telephone						
FIRE 245	PORT THE REAL PROPERTY.	STILL PRODUCT	THE STREET	ET-GATE TO SE	TOTAL PARTY.	philipping.				1 100		
AJ 108	100 C 400 Sept.	ALIENS TO SEE	2010/05/00	SALES AND SALES	APPLICATION OF	Carlotte Section						
CIS 101	81%	78%	84%	84%	85%	91%	57%	59%	53%	53%	59%	56%

<u>Comment</u>: During the study period courses 100, 101, 102, 103, 104, 108 were offered on-line; a new format for the county fire personnel and for those enrolled from outside the county. The faculty held to strict success standards with resulting numbers skewing the overall rates.

FIRE TECHNOLOGY COURSES - SUMMARY ANALYSIS

	ecent Enrollment Demand:
Co	mment: Compared to other majors enrollment demand is low, however, the local fire industry the demand is considered medium.
	rojection for Future Demand: Growing Stable Declining
	mment: Despite the low enrollment when compared to other majors, the local fire industry will continue to seek advancement to a fire
	ficer position locally and throughout California and the Fire Technology courses are a requirement by the Office of the State Fire
	arshall. Labor Market Information is provided for a 'generic firefighter' and indicates it is in a growth mode with
Op	pportunity Analysis: (Successes, new curriculum development, alternative delivery mechanisms, interdisciplinary strategies, etc.)
•	Success Rates. Opportunity to Improve. The overall rate is low due primarily to the courses (100-104 & 108). During this study
	period those courses were offered online, which was a new format to many in and out-of-county fire community. Other Fire Tech
	courses had a much higher success rate. Analysis of the online vs live success rates will be completed at the end of 12-13 year.
•	Degrees: Opportunity to Improve. Degrees achieved is LOW. One factor is the Office of State Fire Marshall (OSFM) requirement for
	fire 'certificates' which are received after successfully completion of the course and testing. The OSFM does not have the same
	requirement for the college 'certificate'. However, the OSFM is currently deliberating a requirement for a AS degree for advancement
	to fire officer. In 2013 Fire Academy faculty began distributing a checklist for each student in the entry level program to inform them
	of the importance of the college certificate and degree.
•	Completion Rates: The overall rate has averaged more than 80%, yet there is a significant non-quantifiable factors contributing to
	the rate - motivation. The OSFM requires courses 100-104 & 108 to be completed for any firefighter classification above entry level.
	Courses above 200 are requirements for a fire officer position such as captain or chief.
•	Employment is not secured solely by these classes, however advancement is. The OSFM fire fighter II certificate requires the listed
	'core' courses and as noted above a degree will be required to advance to a fire officer at any level. Full-time jobs for fire fighters and
1	officers are above minimum wage.
	Delivery Mechanisms: The pilot for online courses was hoped to provide the working fire fighter a chance to complete courses
	without impacting the fire station or personal schedules to negatively. However, this option will be re-evaluated carefully based on
	the data provided above. Although the methodology is new to the local fire fighter students, many failed because they did not drop
	themselves in a timely basis which has also impacted the retention and success rates. Still, there is a consensus among the local fire
	departments and the advisory committee that there is an increasing need for online courses.
•	Other Opportunities: The Fire Technology program has no full-time faculty or a dedicated part-time coordinator.

FIRE TECHNOLOGY COURSES - SUMMARY ANALYSIS CONTINUED

Summary of Program "Health" Evaluation: (Including consideration of size, score, productivity and quality of outcomes)

- Size/Scope: The Fire Technology program serves and is supported by the fire industry and fire chiefs. While there is support, need, and a desire for the program the enrollments will never reach the levels of other high demand majors.
- Quality: The Fire Academy in spring 2013 had a successful on-site accreditation visit. During that visit the three surveyors also
 reviewed some of the Fire Technology program and interviewed several local fire chief who spoke positively of the IVC program.
- Cost per FTES During the study period courses (100-104 & 108) were provided through a unique contractual arrangement. This
 too will be part of the analysis done at the end of this academic year.
- Graduation Requirement NO
- Gatekeeper NO
- Responds to local job market YES. IVC is the only regional college offering fire fighter I, II and/or fire officer courses. IVC provides a local opportunity for job advancement.
- . Responds to other community need YES. Public safety education for the fire community.

Student Learning Outcomes and Program Learning Outcomes

Student Learning Outcomes Assessment -completion

Subject		Course Title	Dept	Div	Unit	F 10 - Crs SLOs	S 11 - Crs SLOs	F 11 Crs SLOs	5 12 Crs SLOs	F 12 Crs SLOs	\$ 13 - Crs SLOs
FIRE	100	Fire Protection Organization	NAH	H&S	3	0	0	0	0	. 0	TBA
FIRE	101	Fire Prevention Technology	NAH	H&S	3	0	0	0	0	0	
FIRE	102	Fire Protection Equip and Sys	NAH	H&S	3	0	0	1,2	0	0	
FIRE	103	Bldg Construct for Fire Protec	NAH	H&S	3	0	0	0	0	0	TBA
FIRE	104	Fire Behav and Combustion	NAH	H&S	3	0	0	0	0	0	TBA
FIRE	108	Fire & Emergency Services (need 3 slos)	NAH	H&S	3	0	0	0	0		TBA
FIRE	220	Fire Apparatus 1A - Driver (need 2-3)	NAH	H&S	2.5			1	Samuel Sa		
FIRE	221	Fire Apparatus 1B - Pump (need 2-3)	NAH	н&\$	2.5			1		(contract)	
FIRE	222	Fire Investigation 1A	NAH	H&S	2.5	- Law of	Car over a real part of the control of the			0	
FIRE	223	Fire Investigation 1B	NAH	H&S	2.5	A THE STATE OF				in agent.	T8A
FIRE	224	Fire Management 1	NAH	H&S	2.5		1		0	Alberta Control	TBA
FIRE	225	Fire Prevention 1A	NAH	H&S	2.5	1	SHILLS			0	
FIRE	226	Fire Prevention 18	NAH	H&5	2.5	0	de trail de la Marca		Company of the Company	0	S. Carry and P. C.
FIRE	229	Fire Command 1A	NAH	H&S	2.5		1				TBA
FIRE	230	Fire Command 1B	NAH	H&S	2.5		hampele was a second	The same of	Caratrion sales no		TBA
FIRE	231	ICS 300	NAH	H&S	1.5			ties and the said			
FIRE	232	Public Education 1	NAH	H&S	2.5		(Selection of the land	Beligiothy.	SEASON OF THE		
FIRE	233	Fire Command 1C	NAH	H&S	2.5			Manual - Annual A			MANAGER WAY
FIRE	234	Fire Prevention 1C	NAH	H&S	2.5	0	THE RESERVE				
FIRE	240	Training Instructor 1A: Cog.	NAH	H&S	1.5		Paragraph and			(Company of the Comp	mile files
FIRE	241	Training Instructor 18: Psychomo	NAH	H&5	1.5		Bolifebio III				
FIRE	242	Training Instructor 1C: Instruct.	NAH	H&5	1.5			Kenney Williams		C11	
FIRE	245	Fire Instructor 2A	NAH	H&5	2.5	an eltimorum.	District Control	SENSOWER HALLING	Arrigida		Charles III

<u>Comment:</u> The lack of any full-time faculty and any one dedicated coordinator has hindered the progress on SLOs. In 2012-2013 it is a focus and the completion of the assessments will increase.

Program Learning Outcomes Assessment

Fire Technology has assessed their 3 PLOs one time and will be doing so again in Spring 2013.

 Outcome #1: Students will be able to apply emergency incident management strategies in relationship to incident command systems in public and private fire protection careers evidenced by OSFM mandated testing.
 99% success Outcome # 2: Students will demonstrate management concepts and practices including decision making, leader styles, personnel evaluations & counseling techniques as evidenced by OSFM mandated testing.
 79% success

Success Rate of Student Learning Outcomes

Overall success rate of the SLOs submitted has been good. The team will focus on increasing the number of SLOs assessed and the number of courses to complete a cycle assessment.

Success Rate of Program Learning Outcomes

Success rate has been good. The PLOs will be reevaluated when assessed again in Spring 2013

Future Goals of the Program

Program Past Goals:

In the last comprehensive program review Fire Tech. set several objectives which were in alignment with Educational Master Plan (EMP) Goals.

1. Explore alternatives for increasing enrollments and fill rates

(EMP: student success and develop resources).

o Enrollment and fill rates went up and more recently dropped

2. Expand distant education and technology opportunities

(EMP: excellence in education)

o Online courses were offered for past two years with mixed results. Comparisons to current live courses pending

3. Improve the documentation of SLO cycle assessments

(EMP: student success and develop resources)

SLOs have been slow to progress

4. Prepare for survey/accreditation

(EMP: excellence in education)

o On-site visit completed in January 2013

5. Improve student success in the core fire courses (entry-level)

(EMP: student success and develop resources)

o See remainder of report

6. Explore opportunities to expand Fire Officer course offerings

(EMP: excellence in education)

Continue to offer courses based on demand/requests per community and the fill rates.

2012-2013 Educational Master Plan (EMP) Goals

- Institutional Mission and Effectiveness: The College will maintain programs and services that focus on the mission of the college supported by data-driven assessments to measure student learning and student success
- 2. Student Learning Programs and Services: The College will maintain instructional programs and services which support student success and the attainment of student educational goals.
- Resources: The College will develop and manage human, technological, physical, and financial resources to effectively support the college mission and the campus learning environment.
- 4. Leadership and Governance: The Board of Trustees and the Superintendent/President will establish policies that assure the quality, integrity, and effectiveness of student learning programs and services, and the financial stability of the institution.

Program Future Goals

Program Future Goals

- 1. Increase enrollment and diversity in the Fire Technology program (EMP Goal 2: Student Learning Programs and Services)
- 2. Increase response on post-completion employment feedback (EMP Goal 2: Student Learning Programs and Services)
- Increase community awareness of and faculty to participate in the final plans for the new CTE building and finalize the relocation plan prior to September 1, 2013. (EMP Goal 3: Resources)
- Seek grant funding for furthering the curriculum, teaching methodologies, and/or technology at the industry standard identified as best practices or mandates within the state Fire Technology programs. (EMP Goal 3: Resources)
- 5. Increase Fire Technology faculty participation in campus shared governance committees and to continue to participate in the community advisory committee for the Fire Sciences programs. (Leadership and Governance)

Resource Requests

Any Identified Needs: Staffing, Technology, Budget/Planning, Facilities, Professional Development, Marketing

- Staffing: At least 1 full-time faculty member or a dedicated coordinator. Cost estimated at \$60,000
- Budget/Planning: District funded ongoing instructional materials for the required structure and wildland fire components as a requirement for ongoing accreditation by OSFM. This will be approximately \$30-35,000 annually into the future. Previously most of the instructional supplies were funded by the CTE/Perkins or Lottery.
- Professional development: High-level Fire Officer courses will require the faculty to achieve the OSFM level of knowledge required to teach.