



ANNUAL PROGRAM REPORT

SELF-STUDY

A. Five-Year Review Planning Goals

1. Along with the rest of the university we transitioned to a semester program in Fall 2014. This was a challenging task. In the program we have completed the last two years to transition the program. The new program will satisfy the university as well as the accreditation requirements for the online education. The accreditation requirements are being met and the accreditation requirements are being met.

*. Faculty One was promoted to Associate Professor to Professor and completed the last year. One faculty member is on leave in 14-15 due to San Diego State University. It is expected that the workload will not return. Therefore we anticipated hiring an additional faculty member.

7. Research. The Construction Management faculty are active in research and are publishing in the field. The faculty plan to be aggressive in publishing articles in the field of construction engineering education. Current activities include the work on sustainable construction for the state of California and the STEM education for the state of California. The faculty are also involved in several international projects.

<. Laboratory Development Program. We have received funding to a laboratory for the development of the program. This program is ongoing in the state of California.

?. The program is an annual program and the faculty are planning to hire new laboratory and teaching staff for the Construction Management Engineering Management Laboratory. The current plan is to hire seven faculty members over the next seven years and with an additional program in the review of the program.

Stents De' an' lor .onstr" .tion ' anage ' ent gra"ates is ver# strong. T e ' a-orit# o! o"r gra"ates are e')lo#e& in .onstr" .tion ' anage ' ent)ositions ' ainl# in t e @a# Area.

Fa."It#3 Sin.e *++4\$ we ave ire& !o"r !a."It# ' e' (ers. 5n *++4\$ Dr. FarBa& S a (o&ag lo" -oine& t e S. ool o! Engineering in t e .a)a.it# o! Dire.tor o! 1onstr" .tion Manage ' ent Progra ' . 5n *+1* Dr. 1ristian Gae&i./e -oine& t e)rogra ' !ollowe& (# Drs. A/ avian in *+1? an& 1astronovo in *+1:. All !a."It# in t e)rogra ' are &e&i.ate& to t e .onstr" .tion ' anage ' ent)rogra ' at (ot "n&ergra"ate an& gra"ate levels. Drs. S a (o&ag lo" an& Gae&i./e are ten"re& an& Drs. A/ avian an& 1astronovo are ten"re-tra./ !a."It#.

Sta!l3 2 e ave one !"ll ti ' e sta!! a&visor !or t e S. ool o! Engineering\$ Mrs. Lisa Col ' stro ' an& a la(orator# te. ni.ian\$ Mr.Lin Ng"#en. 5n a&&ition\$ we ave a)art-ti ' e assistant !or t e o!!i.e o! t e S. ool o! Engineering.

Reso"r.es3 2 e are in t e)ro.ess o! &evelo)ing t e 1EAT La(orator#-Te. nolog# 1enter. 2 e)lan to &evelo) a !or ' al)ro)osal to s" (' it to t e 1ollege o! S.i.en.e to &esignate t is s)a.e as .enter. Roo ' S1S *<>\$ Materials Testing La(orator#\$ as (een re ' o&ele& to a la(-le.t"re roo ' wit a .a)a.it# o! 7:. Fle6i(le !"rnit"re s"ita(le !or a.tive learning)ra.ti.es ave (een installe&.

	LY AND 1REAT5E ELY AND APPLY ANALYT5 1AL AND FUANT5T AT5EE REASON5 NG TO ADDRESS 1OMPLEG 1CALLEN GES AND EEERYDA Y PRO@LEM S	5DEAS\$ PERSPE1T 5EES\$ AND EALUES 1LEARLY AND PERSUAS5 EELY 2 C5LE L5STEN5N G OPENLY TO OTCERS	GE OF D5EERS5TY AND MULT51UL TURAL 1OMPETEN 15ES TO PROMOTE EFU5TY AND SO15AL HUST51E 5N OUR 1OMMUN5T 5ES	T5EELY AND RESPE1TFUL LY AS MEM@ERS AND LEADERS OF D5EERSE TEAMS AND 1OMMUN5T5 ES	5@LY AND SUSTA5N A@LY AT LO1AL\$ NAT5ONA L\$ AND GLO@AL LEEELS	EGPERT5S E AND 5NTEGRA T5ON OF 5DEAS\$ METCODS \$ TCEORY AND PRA1T51E 5N A SPE15AL5 IED D5S15PL5N E OF STUDY
@.S. PLO	:\$>	7	:	<	?	1\$*\$,

Progra ' Learning O"t.o' e9S; Assesse&
 ', * - ' * " " ! / & " 0
 1 ! 4 5 6 7) - , * 2 3

2018- 2019

The following SLOs for the Construction Management Bachelor's Program were assessed during the 2018-2019 Academic Year.

2018-2019	
" 1 \$, *	SLO a - Have knowledge in the core construction management areas (construction materials and methods, safety, codes, scheduling, commissioning, planning and control, project management, construction law, cost accounting, human resources management, environmental and safety issues in construction)
" 6	
" \$ (8	! " # \$ % & ' (
" 9) :	Spring %&)*
"	a-Pro!. Gae&i./e

;" 1)&)	T e res"lts will (e re)orte& (# !a."lt# to t e &e)art ' ent . air via .o ')letion o! t e .o"rse



Provi&e #o"r re!le.tions on t e tren&s &is."sse& a(ove an& statisti.s an& s"))le ' ental in!or ' ation)resente& in t is re)ort.

:

T e e0"i) ' ent !or t e ' an"!a.t"ring a"to ' ation an&)ro.esses .o"rses are e6tre ' el# o"t o! &ate s". t at none o! t e so!tware t at .ontrols t e ' a. ines wor/s wit t e new 2 in&ows .o ')"ters 2 e are)lanning to s"(' ita)ro)osal to t e 1ollege o! S.ien.e !or a.0"ision o! ta(le-to) ' a. ine tools an& s ' all ro(ots. T ese are essential e0"i) ' ent !or t e via(ilit# o! t e)rogra ' .

Re0"est !or Ten"re-Tra./ Cires}

No re0"est is ' a&e !or ten"re-tra./)ositions !or t e 1MGT Progra ' at t is ti ' e.

Re0"est !or Ot er Reso"r.es

#\$2>\$\$#*? *@ - *A 63 696 B =\$*> 2= =C>=\$9\$

= ! !
 26- "9 " -
 / " : :
 : / 26- "
 "# : &
 : "
 9 B

A. .or&ing to &ata !ro ' 1SUE@ &ata ware o"se t e @S in .onstr".tion ' anage ' ent is growing stea&il#. S". t at t e n" ' (er o! !irst ti ' e !res ' en !or t is #ear is at <+.

St"&ent Cea&.o"nt (# Progra ')

Progra ')	Fall *+1<	Fall *+1?	Fall *+1:	Fall *+1>	Fall *+1,
@.S. 1MGT	>1	4+	41	1+*	1*>

A. .or&ing to t e &ata a(ove\$)rogra ' enroll ' ents are sta(iliBing aro"n& 1,+-*++ st"&ent ' a-ors over t e)ast .o")le o! #ears. T e !o"r ten"re-tra./ !a."!t# ' e ' (ers s"))orting t e @.S. an& M.S.)rogra ' s are e6)e.te& to (e t e ' ain !a."!t# !or a soon to (e)ro)ose& @.S. in 1ivil Engineering Progra ' . T e 1SUE@ 1onstr".tion Manage ' ent Progra ' is t e onl#)rogra ' o! its /in& in t e @a# Area. T e .losest "n&ergra&"ate)rogra ' is at Sa.ra ' ento State Universit# an& t ere are no si ' ilar MasterAs)rogra ' in Nort ern 1ali!ornia.

? 9 .
 \$ + !

" 7
" " & "

" 2 e are)lanning to)re)are a sel!-st"&# re)ort an& assess ' ent)ro.ess !or A@ET)rogra ' a. .re&itation

" 2 e ave o!!ere& an e6.l"sive (i-ann"al 1 areer Da#8Ho(!air !or 1 MGT st"&ents starting in *+1*. T e !irst event was atten&e& (# 1 .onstr".tion .o ')an# an& 1< st"&ents an& sin.e it as grown to *+ .o ')anies an& (etween <+ -?+ st"&ents)arti.i)ating.

" 2 e &ela#e& t e i ')le ' entation o! t e .ivil engineering &egree)rogra ' (ase& on reso"r.e li ' itations.

9 - \$. !
!"

2 e anti.i)ate t at t is)rogra ' will (e growing given t e a ' o"nt o! interest an& o"r o"trea. e!!orts to .o ' ' "nit# .olleges.

:

U)/ee) o! t e la(orator# so!tware an& ar&ware\$ a. .ess to large .o ')"ter la(8.lasses !or so ' e o! t e .o"rses.

: 9 9 ` 1/2\$