



**PROGRAM/DEGREE REVISION FORM**

NEW  DROPPED  MAJOR REVISION  FOR INFORMATION ONLY

College College of Technical Sciences

Program Area Civil Eng Tech BS

Date Feb 2005

Submitter Gregory D. King  
signature

Chair/Dean Gregory D. King  
signature (Indicates "College" level approval)

Date 2-15-05

**Please provide a brief explanation & rationale for the proposed revision(s)**

The revision below reflects changes to accommodate the revised general education package

Please provide in the space below a "before" & "after" picture of the program with the changes in the program noted

Attach appropriate Course Revision Forms. Please indicate changes by shading the appropriate cells

**Proposal Title: CIVIL ENGINEERING TECHNOLOGY BS gen ed changes**

**Current Program Listed in 04-05 Catalog**

Course Prefix	Course #	Course Title	Crs.
<b>FRESHMAN</b>			
<b>Fall Semester</b>			
CIS	110	Intro To Computers	3
IT	100	Intro to Technology	3
DRFT	131	Technical Graphics I	4
MATH	112	*College Algebra	3
CET	173	Arch. Cnst & Materials	3
<b>Spring Semester</b>			
MATH	125	Trigonometry (Area C)	2
EET	110	Electronics Survey I	3
DRFT	156	Intro. to CAD	3
		Gen Ed Dist (Area B)	3
CIS	171	Desktop, Sm Bus Dbases/Access	3
IT	111	Industrial Safety/Waste Mgmt.	2
<b>SOPHOMORE</b>			
<b>Fall Semester</b>			
CET	220	Cnst. Mgmt./Bid Estimation	3
PHYS	231	Fund. of Physics I (Area C)	3
PHYS	234	Fund. of Physics I Lab (Area C)	1
METL	315	Metallurgy/Mfgt. Materials	3
ENGL	111	Written Communication I	3
CET	221	Engineering Mechanics	3
<b>Spring Semester</b>			
SPCH	141	Fund. Of Speech	3
CET	181	Surveying	3
CET	232	Strength of Materials	3
MATH	133	Intro. To Calculus (Area C)	3
CHEM	111	General Chemistry (Area C)	3
DRFT	244	Topo. Mapping & GIS Applic.	3
<b>JUNIOR</b>			
<b>Fall Semester</b>			
CET	375	Applied Fluid Mechanics	3
CET	385	Highway Design	4
CET	307	Structural Analysis	3
MATH	220	Calc. & Analytic Geom. (Area C)	5
<b>Spring Semester</b>			
CET	305	Engineering Economics	3
CET	315	Soil Mechanics and Foundations	4
CIS	410	Enterprise Resource Planning	3
ENGL	112	*Written Communication II	3
		Gen Ed Dist (Area B)	3
<b>SENIOR</b>			
<b>Fall Semester</b>			
CET	361	Design/Details of Steel Buildings	4
IET	480	Senior Project I	1
MFGT	427	Quality Assurance	3
		Gen Ed Dist. (300-400 level B)	3

**Proposed Program for 05-06 Catalog**

Course Prefix	Course #	Course Title	Gen Ed Credits	Degree Crs.
<b>FRESHMAN</b>				
<b>Fall Semester</b>				
CIS	110	Intro To Cmptrs <del>CAT IX TECH</del>	3	
IT	100	Intro to Technology		3
DRFT	131	Technical Graphics I		3
MATH	112	*College Algebra <del>Cat II (3)</del>	3	
CET	173	Arch. Cnst & Materials		3
<b>Spring Semester</b>				
MATH	125	Trigonometry		3
EET	110	Electronics Survey I		3
DRFT	156	Intro. to CAD		3
		<del>CATEGORY VII - Fine Arts (3)</del>	3	
CIS	171	Desktop, Sm Bus Dbases/Access		3
IT	111	Industrial Safety/Waste Mgmt.		2
<b>SOPHOMORE</b>				
<b>Fall Semester</b>				
CET	220	Cnst. Mgmt./Bid Estimation		3
PHYS	231	Fund. of Physics I <del>CAT III 3 of 6</del>	3	
PHYS	234	Fund. of Phys. Lab <del>(CAT III 3 of 6)</del>	1	
<b>Elective Science</b>				
ENGL	111	Written Communication I <del>EE 610101</del>		3
CET	221	Engineering Mechanics		3
<b>Spring Semester</b>				
SPCH	141	Fund. Of Speech <del>CAT I 3 of 6</del>	3	
CET	181	Surveying		3
CET	232	Strength of Materials		3
MATH	133	Intro. To Calculus		3
CHEM	111	General Chemistry <del>CAT III 3 of 6</del>	3	
DRFT	244	Topo. Mapping & GIS Applic.		3
<b>JUNIOR</b>				
<b>Fall Semester</b>				
CET	375	Applied Fluid Mechanics		3
CET	385	Highway Design		4
CET	307	Structural Analysis		3
MATH	220	Calc. & Analytic Geom. (Area C)		5
<b>Spring Semester</b>				
CET	305	Engineering Economics		3
CET	315	Soil Mechanics and Foundations		4
CIS	410	Enterprise Resource Planning		3
ENGL	112	*Written Comm I <del>CAT I 3 of 6</del>	3	
		<del>Cat. IV - Soc Sci (3)</del>	3	
<b>SENIOR</b>				
<b>Fall Semester</b>				
CET	361	Design/Details of Steel Buildings		4
IET	480	Senior Project I		1
MFGT	427	Quality Assurance		3
		<del>Category VIII - Hum (3)</del>	3	

		Math/Science Elective (Area C)	4	15
		<b>Spring Semester</b>		
CET	411	Rein. Concrete Design/Details	4	
		Gen Ed Dist. (300-400 level A)	3	
IET	481	Senior Project II	2	
		Gen Ed Dist.(Area A)	3	12
				27
				124

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		Math/Science Elective		4
		Spring Semester		
CET	411	Rein. Concrete Design/Details		4
		Cal V - Hnd (3)	3	
IET	481	Senior Project II		2
		Cal VI - Calc Des (3)	3	

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