Industrial Engineering

Catalog Term: Fall 2021 Total credit hours: 125

! "##	$%	& ' ()* +	$%
! " #$%& ' &%(%) *+#, -, %! . -+/01%2% 34,54,67%8, ,%) *940 ,%) : ; :+* -	<	! " #$%& ' =%( ) *+#, -, %! . -+/01%22 34,54,67%! " #$%& ' &%>/;1%?) ?%*4%@ ,; ; ,4	<
B I JK%=L=%) :+C9+90%2 34,54,67%B I JK%&&&%: . M%&=<%>/;1%?) ?%*4%@ ,; ; ,4%*4%B I JK%&&=%>/;1%?) ?%*4@ ,; ; ,4	F	B I JK%=L<% %) :+C9+90%22 34,54,67%B I JK%=L=%%>/;1%?) ?%*4%@ ,; ; ,4	F
P/40;5S, :4%8, G/. :4(T ,C*GG, . M, M7%R8U!& ' =)) *GG9 . /;H%) * . . ,C;/* . *! "#$%&%%%%%%%%%%%%%	<	3KS8%<&< 31H0/C0%0*4%8C/, . ;/0;%2) *54,67%B I JK%=L<%>/;1%?) ?%*4%@ ,; ; ,4	L
2B !%===%W%2B !%===$! . -/. , ,4/ . -%#4 :D1/C0 37%B I JK%&=<%*4%,69/X:+, . ;%>/;1%?) ?% *4%@ ,; ; ,4	<	2B !%=FY%W%2B !%=FY$	

! "##	$%	& ' ()* +	$%
) A B B%&&&%(39@+/C%8D , :E/. -	<	2B !%=FF%(! . -/. , ,4/ . -%!C* . *GH) *4,67%B I JK%=L=	<
2B !%=FL ! . -/. , ,4/ . -%34*@ :@/+/;H%: . M%8; : ;/0;/C0%2 34,54,67%B I JK%=L<%>/;1%?) ?%*4%@ ,; ; ,4 %A00 ,4 ,M%P :+%: . M%8D4/ . -%* . +HQ	<	2B !%LF= R *4E%8H0; , G0%%% 34,54,67%2B !%=FL%>/;1%:%?) ?%*4%@ ,; ; ,4%%%) *54 ,67%2B !%=FF %A00 ,4 ,M%/ . %8D4/ . -%* . +HQ	<
3KS8%<&L 31H0/C0%0*4%8C/, . ;/0;%22 34,54,67%B I JK%=L<%>/;1%?) ?%*4%@ ,; ; ,4%V% 3KS8%<&< %A00 ,4 ,M%P :+%: . M%8D4/ . -%* . +HQ	L	2B !%F=L ! . -/. , ,4/ . -%34*@ :@/+/;H%: . M%8; : ;/0;/C0%22 34,54,67%2B !%=FL%>/;1%?) ?%*4%@ ,; ; ,4 %A00 ,4 ,M%/ . %8D4/ . -%* . +HQ	<

		$%	& ' ()* + $%
) K ! B%=&&%W%$ #, . ,4 :+%) 1 , G/0;4H%2) *54,67%B I JK%&&&	F	2B !%FL] %2. M90;4/ :+%!4 -* . *G/C0% 34,54,67%2B !%=FL%>/;1%?) ?%*4%@ ,; ; ,4% %A00 ,4 ,M%8D4/ . -%* . +HQ	<
2B !%FFL 8; : ;/0;/C :+%^9 :+/;H%) * . ;4*+ 34,54,67%2B !%=FL %A00 ,4 ,M%P :+%* . +HQ	<	2B !%F_F 8H0; , G%8/G9+ : ;/* . 0) *54,67%2B !%F=L%V%2B !%FF< %A00 ,4 ,M%8D4/ . -%* . +HQ	<
2B !%FF_ 2. 0*4G : ;/* . %8H0; , G0 34,54,67%) 8%=&&%B28%<& ' %*4%B I JK%LF&% >/;1%?) ?%*4%@ ,; ; ,4 %A00 ,4 ,M%P :+%* . +HQ	<	J,C1 . /C :+%!+,C;/X, (" *; ,%@	<
2B !%F_< P :C/+/;/ ,0%3+ : . ./. - 34,54,67%2B !%LF=`%2B !%FF ' `%V%2B !%FF<%% >/;1%?) ?%*4%@ ,; ; ,4 %A00 ,4 ,M%P :+%* . +HQ	<	J,C1 . /C :+%!+,C;/X, (" *; ,%@	<
2B !%_F ' AD,4 : ;/* . 0%T,0 , :4C1%22 34,54,67%2B !%FF '%>/;1%?) ?%*4%@ ,; ; ,4 %A00 ,4 ,M%P :+%* . +HQ	<	J,C1 . /C :+%!+,C;/X, (" *; ,%@	<

		$%	& ' ()* + $%
#, . ,4 :+%!M9C : ;/* . (P/. ,%I4;0 *! "#$%&	<	J,C1 . /C :+%!+,C;/X, (" *; ,%@	<
#, . ,4 :+%!M9C : ;/* . (T ,C*GG, . M, M7%!) A "%=' &% 34/. C/D+,0%*0%B /C4*%!C* . *G/C0	<	J,C1 . /C :+%!+,C;/X, (" *; ,%@	<
3K2$%<YF(! . -/. , ,4/. -%!;1/C0 34,54,67%\9 . /*4%*4%0 , . /*4%0; : . M/. -	<	J,C1 . /C :+%!+,C;/X, (" *; ,%@	=
2B !%F] ' 2. M90;4/ :+%! . -/. , ,4/. -%a ,0/- . %2 34,54,67%2B !%FF<%>/;1%?) ?%*4%@ ,; ; ,4%: . M% a ,D :4;G, . ;%) * . 0 , . ; %A00 ,4 ,M%P :+%: . M%8D4/ . -%* . +HQ	<	2B !%_] ' 2. M90;4/ :+%! . -/. , ,4/. -%a ,0/- . %22 34,54,67%2B !%F] '%>/;1%?) ?%*4%@ ,; ; ,4%: . M% a ,D :4;G, . ;%) * . 0 , . ; %A00 ,4 ,M%P :+%: . M%8D4/ . -%* . +HQ	<
J,C1 . /C :+%!+,C;/X, (" *; ,%@	<	B : ;1%V%8C/, . C, %!+,C;/X, (" *; ,%@	<