

Course Title:'SJTG'I UVP'S5)34. &5'S\$/0?0. 03**J4/&**06&4. &'

Course Description:'G<0%'&40" \$0*&) &*. " #S%&'04'S5)34. &5'S\$/0?0. 03**J4/&**06&4. &'&K9**"\$&'35)34. &5'
/'" 90. %'345'/'&. <40R#&%04'/'<&'?0&*5'"?'SJ:'L#0*5046'" 4'?" #453/0" 43**SJ'. " 4. &9/%>'%/#5&4/%'B0**'5&*) &'
04/'". #//0460&56&'\$&&&3\$. <'345'9\$3. /0. 3**399*0. 3/0" 4%:'G" 90. %'04. *#5&'73. <04&'*&3\$4046>'43/#\$3**

V: **Present and communicate AI solutions.**

Y??&. /0)&*=' . " 7 7 #40. 3/&'SJ'045046%'345%'*#/0" 4%/'<\$" #6<'9\$&%&4/3/0" 4%'\$&9" \$/%>'345'
/&. <40. 3*5" . #7&4/3/0" 4:'

G<0%'. "#\$%&'307%/'"&R#09'%&40"\$0

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U: **Quantify when possible:**; <&4&)&\$?&3%0, *&>04. *#5&'R#34/0/3/0)&'7 &3%#\$&&'04'="# #'\$
" #/. " 7 &%'G<0%'7 3A&%'3%%&%%7 &4/'7 "\$&"" , -&. /0)&'345'&43, *&%'%/\$306</?"\$B3\$5'&)3*#3/0" 4:'
Z"\$'04%/34. &>[8/#5&4/%'B0**3. <0&)&'34'a0b'3. . #3. =\$3/&'04%'**')046'. " 79*&K'73/<&73/0. 3*
9\$", *&7%:['

V: **Align with**

Bloom s Taxonomy level:'S99*0. 3/0'' 4'1F'Q'399*0. 3/0'' 42'

Formative assignment:'; &&A*='.' "5046'&K&\$. 0%&% 'B<&\$&'%/ #5&4/%'079*&7&4/'345'704&0 /#4&'35)34. &5'73. <04&'**&3\$4046'7''5&'>%#'. <'3%'5&&9'4&#&\$3''4&/B''\$A%>'\$&. #\$\$&4/' 4&#&\$3''4&/B''\$A%>' '\$'. "4)''*#/0'' 43''4&#&\$3''4&/B''\$A%:'

Summative assignment:'S'7043''9\$''-&. /'B<&\$&'%/ #5&4/%'&'&. /'34'SJ'399*0. 3/0'' 4'1&:6:>' 0736&'\$&. "640/0'' 4>%9&&. <'\$&. "640/0'' 42'345'5&)&'**9'3'73. <04&'**&3\$4046'7''5&'*?'\$'' 7' % . \$3/. <:'G<&='7#%/ '9\$&%&4/'/<&0\$'7''5&'**9&\$?'''\$734. &'345'&)'3*#3/0'' 4'\$&%#*'/%:'

E: S43*=H&'345'9\$'' . &%%'43/#\$3''*346#36&C'S99*='43/#\$3''*346#36&'9\$'' . &%%046'/&. <40R#&%'/''' 343*=H&'345'9\$'' . &%%'&K/'53/3>'04. *#5046%'&4/07&4/'343*=%0%'345''346#36&'6&4&\$3/0'' 4:'

Bloom s Taxonomy Level:'S43*=%0%'11 '0'343*=%0%'2'

Formative assignment:'J40. *3%'50%. #%%0'' 4%'345'343*=%0%'*?'\$&&&3\$. <'939&\$%'4' 43/#\$3''*346#36&'9\$'' . &%%046:'8/#5&4/%'7#%/'. \$0/0. 3**=\$&)0&B'345'%'#773\$0H&/'<'A&=' 7045046%'*?'/<&%&'939&\$%:'

Summative assignment:'S'705/&\$7'&K37'/'<3/'04. *#5&%R#&%/0'' 4%'4'/'<&/'<&''\$='345' 9\$3. /0. 3''079*&7&4/3/0'' 4'''?'43/#\$3''*346#36&'9\$'' . &%%046'/&. <40R#&%:'S550/0'' 43**=>'3' 7043''9\$''-&. /'B<&\$&'%/ #5&4/%'5&)&'**9'3'%'&4/07&4/'343*=%0%'%=%/ &7'#%046'3'\$&3''53/3%&/'.'

F: X&)'&'9'. "79#/'&\$')0%0'' 4'%=/%&7%'C! \$&3/'&. "79#/'&\$')0%0'' 4'%=/%&7%'/''''\$&. "640H&'345'

Bloom s Taxonomy level: 8=4/<&%0%'1U'0'%=4/<&%0%2'

Formative assignment:]\$3. /0. &'9\$&&4/3/0" 4%/'<\$" #6<" #'/'<&' . "#\$%&'B<&\$&'%/#5&4/'

d&3%#\$3, *&'8(+%'B0/<', &4. <73\$A%'3\$&'?#4537&4/3*?' '\$3%%&%046'/%5&4/'*3\$4046>'9\$' 7 "/046'
3. . "#4/3, 0*0='345'. " 4/04#" #%'079\$')&7&4/>'3***. 3/046'\$&&" #\$. &%'&??&. /0)&=>'345'&4#'\$046'/'<&'
)&\$3***R#3'0/'=?'&5#. 3/0" 4'04'34'04%/0/#/0" 4:'G<&='9\$")05&'3%/\$#. /#&\$5?'\$3 7 &B"\$A?' '\$&5#. 3/0" 43"
9*344046>'5&*0)&\$=>'345'&)3*#3/0" 4:'T+GYC'L&4. <73\$A%'3\$&'4"/'"/&4'%<3\$&5'B0/<'/%5&4/' , #/'
\$3/<&\$'&&\$)&'3%'34'0450. 3/"\$"'?'B<&4'3'. "#\$%&'345'04%/\$#. /"'\$'3\$&'#\$. . &%%?#*04'<*&'9046'/%5&4/'
3. <0&)&'&K9&. /&5'"#/. " 7 &%'.'; <0*&'<&%'3\$&'"/&4'4"/04. *#5&5'04'%=*3, 0'0/0%'079"\$/34/'?"\$'3. #*/='
/'<3)&'<&%'&' , &4. <73\$A%'3)30*3, *&'?" '\$\$&)0&B"'?/'<&0\$'. "#\$%&'345'#%'&04'. " 4/04#" #%'079\$')&7&4/'
9*34%:"

Using our same example senior level course in Artificial Intelligence, here are potential benchmarks for measured success for each of the SLOs.

D: Apply advanced machine learning techniques: Develop, implement, and evaluate advanced machine learning models for various AI applications.'

Benchmark:'S/'*&3%/'a0b""?%/#5&4/%%<" #*5'. " 79*&/'&/'<&'043**9\$"-&. /'%#. . &%%?#**=>'
5&7" 4%/\$3/046'/'<&'3, 0*0/'/'5&)&*"9>079*&7&4/>'345'&)3*#3/&'35)34. &5'73. <04&'
&'34046'7" 5&%:'G<&'3)&\$36&'9&\$?'\$734. &'4'/'<&'043**9\$"-&. /'%'<" #*5'&K. &&5'aUb:'

E: Analyze and process natural language: Apply natural language processing techniques to analyze and process text data, including sentiment analysis and language generation.'

Benchmark:'

V: **Present and communicate AI solutions: Effectively communicate AI findings and**