

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

Course Description:'G<0%'&40" \$0*&) &*. "#\$%&'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&*"?'\$"
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%. \$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%!' \$&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?'\$37&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, *&'?' '\$&)&0B''?/'<&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&'
'&3\$4046'7''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**