





**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'  
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U: **Quantify when possible:**; <&4&)&\$?&3%0, \*&>04. \*#5&'R#34/0/3/0)&'7 &3%#\$&&'04'="# #'\$  
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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%!' \$&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**