

## CS 4100/5100 Lexical Analyzer Grade Sheet

### LEXICAL ANALYZER (470 POINTS)

#### Requirements from assignment Final Specifications

#### 1. Explicit Code Requirements (235 pts total)

<b>Program main structure</b> as specified	25	_____
<b>Program</b> shows good logical structure, SE practice: modular, documentation, no inefficient methods	20	_____
<b>GetNextToken</b> as specified, with parameter, 1 token per call- not multiples	10	_____
<b>GetNextToken</b> echos source input lines	10	_____
<b>GetNextToken</b> adds to Symbol Table	10	_____
<b>GetNextToken</b> must use needed Foundation ADTs	20	_____
<b>GetNextToken</b> populates nextToken, tokenCode	25	_____
<b>GetNextToken</b> set global Location to table index	15	_____
<b>GetNextToken</b> set global ENDFILE to halt, main uses	15	_____
<b>GetNextToken</b> GetChar, other functions=modular	10	_____
<b>GetNextToken</b> Error check: ident length 30 limit	15	_____
<b>GetNextToken</b> Error check: num const length 16 limit	15	_____
<b>GetNextToken</b> Error check unclosed comment EOF	15	_____
<b>GetNextToken</b> Error check unclosed string	15	_____
<b>GetNextToken</b> Error check undefined character	15	_____

#### 2. Turn-in requirements (85 points)

<b>Readable source</b> syntax highlight, complete, clear	20 points	_____
<b>Identification</b> name, course, semester, instructor	10 points	_____
<b>Overall appearance, neat format,</b> <b>clear organization: Classes, source, run</b>	15 points	_____
<b>State diagram</b> included in turn-in	25 points	_____
<b>Mnemonics listing</b> in turn-in or in source	15 points	_____

#### 3. Results correct (150 points)

<b>Main program</b> CORRECTLY prints lexeme, internal, mnemonic, table location index AFTER source lines, format of output readable, clear, as specified		
<b>Correct output run test file</b>	150 points	_____

Name \_\_\_\_\_

**TOTAL** \_\_\_\_\_ **470**