

# ECE/CPSC 3520 Spring 2019

## Software Design Exercise #1

### GRADING RUBRIC

1. Archive, README, pledge as specified. (5 pts)
2. Global: Visual/search for `Prolog` Constructs Not Allowed. This includes:
  - (a) The entire solution must be in SWI-Prolog. Discontinue grading with any other approaches.
  - (b) No use of the `if..then` or `->/2` construct. (-5 for each infraction.)
  - (c) No use of predicates `assert` or `retract`. (-5 for each infraction.)
3. `sde1.log` file showing **3 uses of each of 14 required predicates** (15 points total).
4. Consultation of source file `which_shape.pro` should not generate any Prolog errors or warnings.  
-5 for each infraction. This includes 'predicates not together', 'singleton variables', etc.
5. **Testing of required predicate using 20 cases in Prolog script** (80 points total; 4 points each.)  
Run script and save protocolled file (default name is 'sde1\_grading.log') as `<student>.log`. Alternately, just script the entire session at the invocation of `swipl`.