**LEADERSHIP DEVELOPMENT**

**(SELF-PACED AUTO-TUTORIALS)**

**“Equipping for the Advance”**

**INTROSPECTIONS**

**BLOCK D**

**Introductory Notes:**

The Leadership Development self-paced auto-tutorial consists of four “Blocks” each with three to five “bites”. Each “bite” includes a mp4 presentation and an “introspection”. The latter is in the form of questions to be answered by the participants. These “introspections” are to be written out and emailed to [later] to demonstrate completion of the Block and to be awarded PDH credits.

 Block A ?? PDH credits

 Block B ?? PDH credits

 Block C ?? PDH credits

 Block D ?? PDH credits

Block-A presents the “5 E’s” of leadership (envision, equip, empower, edify and evaluate), while Block B presents the “3 C’s”(change, communication, character). Block C considers the mechanics (or dynamics) of functional groups, and Block D introduces the concepts of creativity, innovation and planning.

**Please complete the following:**

1. Name to appear on the PDH certificate:
2. By submission of Block C introspection, I attest that I have viewed all of the bites contained in this block and fully completed the below introspection.

**D.1.a.i (Creativity Introduction)**

Do you co1nsider yourself to be creative? How do you react to irrational and unpredictable outcomes?

Identify a product developed as result of a combination, analogy, or association.

Identify one of your creativity blocks and strategy to eliminate it.

**D.1.a.ii (Creativity Thinking)**

Are you predominantly right or left brained? What might you do to further develop your right brain thinking?

Either recall a problem you solved in a dream or take the next steps a) plan for a dream (define the problem, anticipate a dream); b) record words or images as you capture the dream, and c) state the solutions to the problem.

Next time you are working at a problem, first take a break after doing some mathematical exercises and then return to the problem; later interrupt your work with an incubreak and compare the outcome.

**D.1.b (Ideation)**

What do you see as the most important aspect of ideation? Where in your home or office might you intentionally enter for a time of ideation?

Examples of ideation processes were summarized. Which ones would you find amongst the best; might you be able to recall a time you intentionally entered into a time of ideation/brainstorming)?

How do you compare incubreaks to ideations

**D.1.c.i (Problem Solving Introduction)**

Consider the last engineering problem you attacked. – Did you take time for ideation? If yes, comment on the process, if no what will you improve in your technique for problem solving?

Search in your memory files and review a problem in which you attacked the effect instead of the cause.

If you are involved with computer simulations, such as Fluent, or full system simulations find out their uncertainties. Alternatively find the likely uncertainties of Global Climate Change predictions.