ASSIGNMENT #2: Part I of the George Washington University Office of Student Financial Assistance OCTAVE Allegro Risk Assessment Study

ISTM 6206: INFORMATION SYSTEM SECURITY

DUE: April 14, 2019

For the George Washington University Office of Student Financial Assistance, perform Part I of a risk assessment and evaluation study that encompasses the first four steps of the OCTAVE Allegro process. The OCTAVE Allegro approach consists of eight steps that are organized into four phases. For this assignment, the following four steps should be addressed:

* 1. Establish Risk Measurement Criteria
  2. Develop Information Asset Profile
  3. Identify Information Asset Containers
  4. Identify Areas of Concern

Organize the design of your study in the form of a paper that will be submitted for homework #2 and subsequently become a component of the final group research project. At a minimum the paper should:

* Establish drivers for developing risk measurement criteria consistent with organizational drivers
* Profile critical information assets, where the information assets that are the focus of the risk assessment are identified and profiled and the containers are identified
* Begin process of identifying threats, where threats to the information assets—in the context of their containers—are identified and documented through a structured process to evaluate areas of concern
* Provide appropriate OCTAVE Allegro methodology-based rationale for each of your choices in the above areas

The paper should be from 10-20 pages (excluding any attachments or worksheets which can be handwritten, scanned and included as attachments) double spaced using 12 pt Times-Roman fonts. Please be aware that the assignment will be graded for both content and presentation. Double-check your work to assure that it is "polished" and doesn't contain typographical or grammatical errors. Poorly written work will be graded significantly below what it would be if graded on content alone. The entire group will be assigned a homework assignment #2 grade for this segment of the research project and the artifact from this exercise should also be included as part of the overall group project. The paper should be posted in blackboard no later than 11:59 PM on Sunday, April 14, 2019. Please note that it is only necessary to post one paper for each group.