**APPLICATION FORM: email completed form to Anne McGrail** [**mcgraila@lanecc.edu**](mailto:mcgraila@lanecc.edu)

1. **Provide the name(s) of faculty member(s) proposing this infusion:**

Shalimar Steinberg (Advanced Technology-Drafting)

1. **List the course(es) for which you intend to create one or more infusions assignments.**

I would like to create an infusion for DRF 167 (CAD 1).

1. **Describe the infusion assignment.**

The purpose of my infusion is to help my students realize that they are the driving force of their learning. I hope to encourage the ability to seek out information independently, and also introduce the concept of interdependence through group work and information sharing. This will address the “trouble spot” of students feeling stuck if they cannot ask a question of the teacher immediately during lab time, and ensure that they are ready to be self advocates in their future classes by seeking out information when needed.

This infusion is for a single course currently, although if it is successful I would be happy to share it with the other teachers in my discipline who teach the same course.

The activity itself would consist of having students work in small groups to create an explanation and example of how to use specific Modify Commands in AutoCAD. The groups would then present their information to the rest of the class, and I would combine their information into a single PowerPoint with any comments needed for clarity. This would create a class reference document concerning several frequently used tools in the program.

As a new teacher here, I would really enjoy the chance to expand my material so that it is more efficient and useful to my students.

1. **Describe the quick assessment**

I would start off this activity by creating a brainstorming map with the class of any Modify Commands they already know, and any others they think would be helpful in the program. I will then assign 2-3 commands to each group to work on. After the group presentation and PowerPoint, I would bring out the original map, and ask students to assess whether we had covered all of the things we wanted to know from the map, and have them come up to add any others that had been taught. I would end the activity be having each student create a drawing with one example of each command from the presentations.

This would allow me to clearly see the development of ideas, and also gauge the understanding derived from the presentations.

1. **Curriculum Development Hours Requested (5-10 hours per faculty member):**

I am requesting 7 hours to update my syllabus, create the lesson plan, and design the instructions for the assignment and assessment portions of the activity.