

<b>Project Title:</b>	<b>Flow Management</b>
<b>Client:</b>	ONU Engineering Department
<b>School Year:</b>	2000-2001
<b>Students:</b>	Jamison B. Rucker
<b>Summary:</b>	<p>This project consists of the design implementation of flow meters for a fluid mechanics lab at Olivet Nazarene University. During research, many different options have been presented. There are decisions to be made in every aspect of the project. The first thing to decide is which type(s) of flow meters to design. There are many different types and each has its own benefits. The next decision is how to design. The designs could be created using any kind of CAD program or they could even be hand drawn. Once created, the designs are to be produced. This could be done in any number of ways. They could be sent out to be professionally produced. They also could be produced at Olivet using the Genisys Xs 3S Printer or by using the milling machine in Reed Hall of Science. The 3D printer prints out a plastic prototype of a particular design, and is compatible with most CAD programs. Once the design is created, the lab is to be conducted and results will be given.</p>

