Teaching and learning must be a shared goal between the educator, student and the parent or guardian. There must be a clear understanding of what is to be accomplished and everyone must be involved. Education is a dynamic; it will change for each student over time and develop as the world does. A student’s desire must also be coerced with the support of their peers, family and the entire administration.

Learning requires application, a desired outcome and interest from both the student and the teacher. Application of the subject learned helps to apply critical and abstract thinking to answer the question “why?”. Desired outcome is what the assessment measures; it may be an improvement or it may be a standard or a goal that has been reached. An interest in the subject is important and the most difficult for a teacher to instill upon the student, application is again key in this area. Reaching each student, encouraging the student and developing goal setting is imperative.

Teaching is dynamic, students process information contrarily. Teaching should be adapted to best help students retain the information or idea and relate to that information. Much like a fisherman, a teacher must apply a number of different strategies to get the students to bite. Students must relate to each subject, if the students are not interested in a subject, they will not put forth the effort to excel in it. Providing purpose, direction and motivation are key ingredients to foster success and goal reaching.

Students to be successful learners must be able to communicate, apply and teach what they have learned. Communicating an idea is essential to fully understanding the concepts; the more you know about a subject the easier it is to relay the knowledge. Application of lessons learned creates an innovative environment which in turn creates more ideas and sparks interest. Having the students teach or elaborate their connection to the subject allows students to come full circle and really understand the subject learned.

Teaching in one specific manner will only benefit one subset of students. The modern teacher needs to be dynamic, adaptive and display improvisation. Students will create an environment without bias; they will display respect and encourage new and different ideas of all students.

Professional growth is essential to every teacher. Currently I am attending St. Cloud State University in pursuit of a M.S. in Technology Education. Additional educational goals include welding/fabrication diploma and [Machine Tool Technology A.A.S Degree](http://sctcc.edu/program-description?h=MAC2). Another key element is the incorporation of and partnership with community experts. Community experts provide vast knowledge and information and an incredible resource to teachers. Continuing education is a very high priority and a priority that must adapt over time to allow the students to learn current trends with in the technical field.