Abstract: National standards have arisen in recent years to address the process of preparing teachers to incorporate technology into education in effective and appropriate ways; both pre-service and inservice teacher education now commonly include technology components. This presentation will describe the ways in which one particular College of Education in an urban setting has chosen to include technology within its required coursework, with particular attention to the ways in which Email and the World Wide Web have been used both as a teaching methodology and a means of gathering evaluative data. Details will also be provided regarding the difficulties encountered in the early stages of implementation, the ways in which the coursework has been modified, and the current results of these efforts at improvement. Our purpose is to provide an example for other teacher preparation programs considering the various options available to them in addressing technology within the context of pedagogy.