Clemson University and Coastal Carolina University have teamed-up to offer a grid classroom-enabled course devoted to exposing students to parallel programming using both MPI as well as OpenMP. The course, introduced during the Spring 2010 semester, offers students at both universities the opportunity to receive instruction from professors at both the local and remote institution via an innovative real-time grid-classroom environment. Students are able to collaborate with each other across institutional boundaries, as well as make use of Clemson’s high-performance computing resources to explore the fundamentals of parallel program design and performance evaluation. This collaboration has provided CCU students an opportunity to access a level of technology not previously available to them. This course ran in Spring 2011 and is slated to run for the third time during the Spring 2012 semester.