

Assessment in a Chemical Technology Program

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The emphasis in chemical technology programs is on lab skills. Lab skill competencies are naturally found in the ACS Voluntary Industry Standards that have been written for these programs. Assessing the students' skills with respect to these competencies is important. One VIS competency that stands out as something that is unique to these programs is the ability to independently design experiments for particular purposes. As a capstone experience in the program at Southeast Community College, students are given a project in which they have to design and perform an experiment to answer a particular question about an analytical procedure that they used in a previous course. This talk will discuss the personal experiences that the author has had with this activity.