

1023-G5-101 **Mary Rack*** (mrack@jccc.edu), Mathematics Box 29, Johnson County Community College,
12345 College Blvd., Overland Park, KS 66210-1299. *Learning Disabilities and the Post-Secondary
Math Student.*

More and more students with learning disabilities are attending college – and bringing their LD with them. Colleges and universities provide accommodations (note takers, extended time on tests, etc.) as required under the Americans With Disabilities Act, but there is little guidance for classroom teachers looking for ways to better serve this growing population.

Today’s presentation will describe the most common visual and auditory deficits that underlie learning disabilities. Practical strategies for working with affected students will be suggested. Strategies that concern deficits in visual processing and visual processing speed will be emphasized, because these deficits are thought to underlie many of the difficulties faced by students with learning disabilities when they study mathematics.

The presenter is a community college mathematics professor who frequently teaches developmental classes with many students who have learning difficulties. During the course of a sabbatical semester she read extensively about learning disabilities and visited with prominent researchers and leading practitioners. Her findings have been compiled into a practical handbook for instructors and tutors, which will be made available to conference attendees. (Received July 31, 2006)