

1125-VQ-2516      **Jayson L Jackson\*** (jljackson3@una.edu). *Factoring: Knowing When To Do What You Know How To Do*. Preliminary report.

Students needing math remediation at the college level often enter those classrooms with an appropriate background of knowledge. Even if this is not the case, they usually can learn how to do many of the procedures necessary to pass a remedial college class. Too often, however, even though they know how to work through a problem, they simply do not know when to apply the procedures they already know. This is often the case with basic factoring. Students, when told what category a particular type of factoring problem falls into, are able to complete the factoring process. This talk shows a fun method for helping students to recognize and understand the various types of factoring problems and is appropriate for any algebra class. (Received September 20, 2016)