

Name: _____

(For students who want to take Mathematical Statistics II without having had the prerequisite, Mathematical Statistics I.)

1. Do you intend to apply for a Master's degree in Statistics from UT? (Both semesters of this course are required for that degree, and they **MUST** be taken in order.)
2. Will you need to remain enrolled in the course this semester in order to satisfy requirements for a TA job, a fellowship, a visa, or any other reason except wanting to learn the material and earn credit for the course?
3. What probability courses have you taken as an undergraduate or graduate student? Give the name of the course, whether it was an undergraduate or graduate course, textbook, what school, and what grade did you make?
4. What applied statistics courses have you taken as an undergraduate or graduate student? Give the name of the course, whether it was an undergraduate or graduate course, textbook, what school, and what grade did you make?
5. What theoretical statistics courses have you taken as an undergraduate or graduate student? Give the name of the course, whether it was an undergraduate or graduate course, textbook, what school, and what grade did you make?
6. In which of those courses did you cover problems about transformations of bivariate distributions? (Example: If $X_i \sim \text{Gamma}(\alpha_i, 1)$ and these are independent, derive the distribution of $\frac{X_1}{X_1 + X_2}$.)

