



**Department of Mathematics, Statistics and Computer
Science
St. Francis Xavier University
presents**

Winning (and Losing) Combinatorial Games

**by
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We will look at the properties of combinatorial games and the well known results dealing with normal play games. We then examine the similarities and differences between normal play and misere play games. In particular, we show why the analysis of misere play games is more difficult than their normal play counterparts. Finally, we examine both the normal play and misere play versions of a class of games which ban consecutive moves by either player in a component of a sum.