

1154-G5-1132 **Stephen Deterding*** (stephen.deterding@westliberty.edu), West Liberty University, West Liberty, WV 26074. *Complex Hearts: a game of complex numbers*. Preliminary report.

Complex hearts is a variation of the card game hearts that uses complex numbers. In order to play the game, players need to add, subtract, and multiply complex numbers as well as finding the moduli of complex numbers. Thus complex hearts can be a fun way for students to practice operations with complex numbers as part of a complex variables course or even as part of a college algebra or pre-calculus course (Received September 13, 2019)