1077-57-263   **Danielle O'Donnol** and **Elena Pavelescu*** (`pavelescu@oxy.edu`), Occidental College, 1600 Campus Road, Los Angeles, CA 90041. *On Legendrian Graphs.*

We investigate Legendrian graphs in $(\mathbb{R}^3, \xi_{std})$. We extend the classical invariants, Thurston-Bennequin number and rotation number to Legendrian graphs. We prove that a graph can be Legendrian realized with all its cycles Legendrian unknots with $tb = -1$ and $rot = 0$ if and only if it does not contain K_4 as a minor. There are many examples of knots and links which are characterized up to Legendrian isotopy by the pair (tb, rot). We ask what graphs are characterized up to Legendrian isotopy by the pair (tb, rot) and give several examples. (Received August 16, 2011)