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Remotely Teaching Scientific Computing ... with three weeks' notice ...

In the current remote environment, many students are lonely and desperate to engage with course content and each other, but they have a hard time doing so without guidance. Speaking up to ask questions is even more difficult for most in this setting than it is in a classroom setting. Students won't easily admit they need help and thus, even in small groups, collaboration needs to be guided with a heavier hand.

These are some of the lessons I learned this past term when teaching my Scientific Computing class (which introduces C and MATLAB) remotely. The video describes the techniques I used to engage students and to attempt to build a social network for them at the same time.