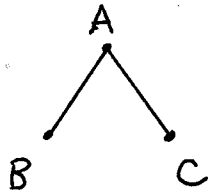


For the second time slot, let's pick a remaining committee that has the next largest degree. For example, Personnel (P). Note that Undergraduate Education (UE) and Colloquium (C) can meet in the same time slot, because no one on Personnel is on these committees, and no one on UE is on C.

For the third time slot, only Graduate Education (GE) remains.

(Note that other solutions are possible.)

4. (a) Consider the two vertex sets: $\{A\}$ and $\{B, C\}$.



- (b) Consider the two vertex sets: $\{A, C\}$ and $\{B, D\}$.

