

§6.5: Scheduling problems

Problem: schedule meeting times for each student club at UCSD to avoid conflicts: i.e., clubs that share a member should meet at different times.

How many time slots are needed? Can you translate this into a graph problem? (Hint: the clubs should be the vertices of the graph)

Ex $C_1 = \{A, B, C\}$
 $C_2 = \{A, B, C, E\}$
 $C_3 = \{A, B, C, D\}$
 $C_4 = \{D, E\}$

clubs



students

