



STEM TMCS REVISITED

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A LITTLE HISTORY

- AB1440 – Transfer Degrees
- DIGs
- FDRGs developed
 - Descriptors (classes)
 - TMCs (fields of study)



TMC DEVELOPMENT

- High Unit Majors?
- CSU and the definition of 'similar'
- Discipline Faculty
- Definition of 'Lower Division'



REVISITING THE TMCs FOR STEM

- In STEM, we are more interdependent and interdisciplinary than many other fields
- Lower Division Preparation for a discipline relies heavily on other disciplines



LET'S TAKE A LOOK AT TMCs

- THIS IS A GROUP ACTIVITY



WHERE DO WE GO FROM HERE- LOCAL

- Strengthen student support (SI, MESA, Success Centers)
- Learning Communities
- Faculty led discussions about conceptual overlap between STEM disciplines (e.g., Krebs Cycle in Biol. and Chem.)
- Role of Curriculum Committee to facilitate interdisciplinary conversations
- Streamline Local Degrees – make local decisions about ‘options’ in TMCs



WHERE DO WE GO FROM HERE – SYSTEM:

- Ask FDRGs to evaluate unit count again (excessive?) – Math drives many others disciplines. 4 unit versus 3 unit.
- 3 hrs lab, 3 hrs lec – can we have ‘discussion sections’
- Broader discussions (perhaps geographically based) regarding outcomes for classes similar at several institutions

