

GEO 267: Introduction to GIS  
2018 Spring semester  
Tohono O'odham Community College

#### Week 2. Mental maps

January 23 in class/field.  
Field Journal entry

January 25 online.

Activities and topics: Draw a mental map of your home. Indigenous mental maps.

#### Week 3. Way finding before GPS, map, compass.

January 30 in class/field  
Field Journal entry

February 1 online.

#### Week 4. Projections, Land surveys, coordinate systems, time zones

February 6 in class/field  
Field Journal entry

February 8 online.

#### Week 5. Concept of Scale

February 13 in class/field  
Field Journal entry

February 15 online

#### Week 6. The vertical dimension: Topography

February 20 in class/field  
Field Journal entry

February 22 online

#### Week 7. Way finding with map and compass

February 27 in class/field  
Field Journal entry

March 1 online

Week 8: Midterm exams

March 6 in class/field  
Midterm exam

March 8 online

Week 9: Spring Break

March 13 no class

March 14 no class

Week 10. Different types of maps

March 20 in class/field  
Field Journal entry

March 22 no class

Week 11. The map is not the territory

March 27 in class/field  
Field Journal entry

March 29 online

Week 12. Introduction to GPS technology

April 3  
Field Journal entry

April 5

Week 13. Understanding Google Earth and other online programs

April 10 online  
Field Journal entry

April 12 online

Week 14. What is GIS? Begin using GIS

April 17 in class/field

April 19 online  
Identify project

Week 15. Data and Information. Digitization, layers, calculations

April 24 in class/field  
Field Journal entry

April 26 online  
Continue project

Week 16. Continue GIS use and individual projects

May 1 in class/field  
Field Journal entry  
Final project presentations and discussion

May 3 online  
Final project due

Week 17. Final exams

Final exam