

Design a Master-planned Community

Video resources that may help with this challenge assignment are:

- Section 1 lessons: Points, Parcels, and Surveying
- Section 3 lessons: Alignments and Profiles

Locate an aerial image of an area that you are familiar with that has undeveloped land with at least one street frontage. Reference in the aerial image and draft in the outer boundary of the raw land. Design a master-planned community or development for the parcel of land including parcels designated for residential, commercial, and park uses. Utilize at a minimum alignments and parcels.

Challenge 1 Rubric

| Grading Area | Points | Student Score | Comments |
|--|--------|---------------|----------|
| Aerial Image referenced | 15 | | |
| Alignments designed | 15 | | |
| Parcels Created | 15 | | |
| Park Parcels Created | 10 | | |
| Commercial Parcels Created | 10 | | |
| Residential Parcels Created | 10 | | |
| Master-Planned community with well thought out placement | 25 | | |