



Laredo College
Engineering Technology
Surveying Engineering Technology
Associate of Applied Science
Degree Plan

| Semester 1 | Fall | Credit Hours |
|-------------------|-----------------------------------|---------------------|
| DFTG 1405 | Introduction to Technical Drawing | 4 |
| DFTG 1409 | Basic Computer-Aided Drafting | 4 |
| ENTC 1323 | Strength of Materials | 3 |
| TECM 1341 | Technical Algebra | 3 |
| | Total Hours | 14 |

| Semester 2: | Spring | Credit Hours |
|--------------------|---|---------------------|
| TECM 1317 | Technical Trigonometry | 3 |
| ENTC 1391 | Special Topics in Engineering Technology, General | 3 |
| ENTC 1443 | Statics | 4 |
| GISCI 1311 | Introduction to Geographic Information Systems | 3 |
| | Total Hours | 13 |

| Semester 3: | Summer I | Credit Hours |
|--------------------|--------------------|---------------------|
| GEOL 1303 | Physical Geology | 3 |
| GEOL 1103 | Physical Geology | 1 |
| | Total Hours | 4 |

| Semester 4: | Summer II | Credit Hours |
|--------------------|--------------------|---------------------|
| ENGL 1301 | Composition 1 | 3 |
| | Total Hours | 3 |

| Semester 5: | Fall | Credit Hours |
|--------------------|--|---------------------|
| DFTG 2421 | Topographical Drafting | 4 |
| SRVY 1442 | Global Positioning System Techniques for Surveying and Mapping | 4 |
| SRVY 1313 | Plane Surveying | 3 |
| SRVY 2380 | Cooperative Education-Survey Technology/Surveying | 3 |
| | Total Hours | 14 |

| Semester 6: | Spring | Credit Hours |
|--------------------|--|---------------------|
| ENTC 2380 | Cooperative Education – Engineering Technology, General | 3 |
| XXXX X3XX | Language, Philosophy, and Culture/Creative Arts Elective | 3 |
| XXXX X3XX | Social or Behavioral Science Elective | 3 |
| MATH X3XX | Math Elective | 3 |
| | Total Hours | 12 |
| | Grand Total | 60 |