

**Course:** Introduction to Engineering

**Unit:** What is Engineering

**Assignment:** Stress Analysis

**Stress Analysis Rubric**

**Name:** \_\_\_\_\_

Description	Exceptional	Skilled	Proficient	Developing	Inadequate
Introduction- 5 pts.	Clearly stated and follows prompt completely	Well stated and follows prompt in spirit	Prompt responded to but in a vague way	Does not support prompt	Completely leaves prompt/ purpose of writing
Predictive Analysis, Goals, Criteria- 5 pts.	Claims are interesting, convincing, and clearly arguable or definable; provides effective transitions	Strong, convincing claims that take a stance; many transitions	Claims, at times, are arguable or defining; some transitions	Claims are unclear or suggest a vague position; few, if any, transitions	Unidentifiable claims or vague position; no transitions
Data Collection- 20 pts.	Convincing and relevant data and evidence to back up claims, and effectively addresses counterclaims or perspectives	Sufficient and relevant data and evidence to back up claims, and addresses counterclaims or perspectives fairly	Some data and evidence to back up claims, and addresses counterclaims or perspectives	Provides elements of data and evidence that attempts to back up claims	Lacking data and evidence related to the claims and counterclaims, or lacks counterclaims
Analyze Data- 10 pts.	Offers profound, engaging conclusions and/or thoughtful analysis; makes interesting connections	Offers engaging conclusions and/or thoughtful analysis; makes connections to claim	Conclusions and analysis present; connections to claim need improvement	Conclusions and analysis present; little connection to claim	Offers no conclusions or analysis; no connection to claim made
Language and Style specific to prompt and audience 5 pts.	Sophisticated word choice; varied sentence structure; engaging tone	Appropriate word choice; varied sentence structure; relevant tone	Competent word choice; clear sentence structure; relevant tone	Limited awareness of formal tone or of topic-specific vocabulary	Limited or inconsistent tone; poor word choice; incomplete sentences
Conventions 5 pts.	There are no errors in spelling, grammar, or punctuation; writing demonstrates excellent flow and style	There are few errors in spelling, grammar, or punctuation; writing demonstrates considerable attention to flow and style	There are some errors in spelling, grammar, or punctuation; writing demonstrates some attention to flow and style	There are frequent errors in spelling, grammar, or punctuation; writing demonstrates little attention to flow and style	There are numerous errors in spelling, grammar, or punctuation; writing demonstrates no attention to flow and style

Point total: \_\_\_\_\_ / \_\_\_\_\_ 50 \_\_\_\_\_

Grade: \_\_\_\_\_