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| Last Name |  |
| First Name |  |

**Task 1** – **Understanding forces in 3D**

A) Paste a screenshot of the **form and force** **diagrams** *after* the creases have been created.

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| screenshot of the Rhino viewport,  showing the form and force diagrams |

B) Observe the projected 2D force diagram of the RV2 example, with the 3D polyhedral force diagram. What are some similarities and differences? (200 words max)

C) The geometries of the 3D structures are now similar but has the magnitudes of the applied loads to the structure changed? How about the distribution of internal forces? (200 words max)

**Task 2 – Sculpting force polyhedrons**

A) screenshot of the polysurfaces.

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| screenshot of the Rhino viewport,  showing the aggregation of polysurfaces |

B) screenshot of the form diagram.

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| screenshot of the form diagram |

**Task 3 – Materialization of a node**

A) Picture of materialization of a spatial node you find interesting, from a project you know or have worked on in the past.

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B) Any additional images, diagrams and text as needed.