

## Homework Assignment 03 - Shell Structures \_ Pneumatic Membranes Paneling Tools - Component Tessellations

**DUE DATE AND TIME:** Before Class-04

**SUBMIT:** Upload the (3) **JPEG** files to your portal page  
(note: your portal page exists, please do not make any new pages or posts)

**FILE NAMING & RES:** **FIRSTNAME\_LASTNAME\_HW#.JPEG**  
(RESOLUTION 2400 X 3600 PIXELS)

**REQUIREMENTS:**

**Shell Structures**  
Read Moussavi & Engel Shell Structure texts

Draw (2) types of Shell Structure Tessellations,  
**Label each type**

**Pneumatic Membranes**  
Read Moussavi & Engel Pneumatic Membrane texts

Draw (2) types of Pneumatic Membrane Tessellations,  
**Label each type**

### **Paneling Tools - Component Tessellations**

Create (1) 3D Component Tessellation using Paneling Tools

### **HOMEWORK ASSIGNMENTS MUST INCLUDE THE FOLLOWING:**

- YOUR NAME
- ARCH 436 - Advanced Modeling
- SEMESTER
- HOMEWORK ASSIGNMENT #