

**16.423J/HST515J/ESD.65 Beginning of Semester Self Assessment
Spring 2006**

Name:

Major/year:

Number of courses taken in Biomedical Engineering/Quantitative Physiology:

Experience with working in teams (~2-4 students):

Please describe very briefly any work experience (company, duration, ...):

1. General Skills and Abilities

Please rate your abilities in the following skills

(1 = poor, 2 = below average, 3 = above average, 4 = expert):

Skill	Abilities			
Use of Analytical/Mathematical methods	1	2	3	4
Use of Computational Tools/Software	1	2	3	4
Hands-On Design	1	2	3	4
Oral Communication	1	2	3	4
Written Communication	1	2	3	4
Visual Communication	1	2	3	4
Teaching (specify age/year)	1	2	3	4

2. Basic Topics Relevant to Space Biomedical Engineering and Life Support Systems

Topic or Concept	Understanding			
Structural Mechanics	1	2	3	4
Dynamics	1	2	3	4
Control Theory	1	2	3	4
Electrical Circuit Theory	1	2	3	4
Physiology:				
Bone	1	2	3	4
Muscle	1	2	3	4
Cardiovascular	1	2	3	4
Neurovestibular	1	2	3	4
Space Environment	1	2	3	4
Extravehicular Activity (EVA)	1	2	3	4

3. Familiarity with Software Packages

	How comfortable are you with this software?			
MATLAB	1	2	3	4
Simulink	1	2	3	4
Multimedia s/w (please name)	1	2	3	4