# IMOS Course Pre-Survey

Last four digits of your student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Please complete the survey below by circling the response(s) that describes you:

1. **Sex:** Female Male
2. **Ethnicity/Race:** African American Asian American Latina/Latino

Caucasian Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Major:** Engineering/Science Liberal Arts Other \_\_\_\_\_\_\_\_\_\_\_\_

## For the items below, please respond on a scale from 1= Strongly Disagree to 5= Strongly Agree

**Disagree Agree**

1. Materials engineering has an important role in our society. 1 2 3 4 5
2. Society has a strong impact on materials engineering. 1 2 3 4 5
3. Materials can be manipulated to solve technical problems. 1 2 3 4 5
4. Materials can be manipulated to solve social problems. 1 2 3 4 5
5. Social and cultural systems shape how humans 1 2 3 4 5

perceive the intrinsic physical properties of materials.

1. The impact of materials on society varies with the 1 2 3 4 5

cultural context.

1. I understand the connections between engineering 1 2 3 4 5

and society.

1. I am interested in learning about engineering. 1 2 3 4 5

1. I am interested in engineering as a career. 1 2 3 4 5
2. Social scientists (sociology, anthropology) should 1 2 3 4 5

be an integral part of engineering solutions.

1. Humanities scholars (history, classics, literature) 1 2 3 4 5

should be an integral part of engineering solutions.

1. I have a good understanding of basic technical 1 2 3 4 5

concepts in engineering and the sciences.

1. It is important for people to have a good understanding 1 2 3 4 5

of technical concepts in engineering and the sciences.

## Please take a moment to share any thoughts on the following questions:

1. **Why did you enroll in this course?**
2. **How do you think materials impact society?**
3. **What would you like to learn in this course?**
4. **Would you like to share any interesting facts about yourself?**