



Impact of Materials on Society (IMOS) Workshop

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**Interested in recruiting students into Engineering and Materials?
Interested in helping non-engineering students understand more about Engineering?
You may want to consider teaching the Freshman Level IMOS Class!**

The University of Florida, in partnership with the Materials Research Society, NSF and the Department of Defense has developed an Introductory Level Class entitled *The Impact of Materials on Society (IMOS)*

This Award winning class (US Materials Course of the Year) is now being taught at Universities around the world. A TED talk about the class can be found here:

https://www.ted.com/talks/kevin_jones_increasing_social_literacy_in_future_innovators

The workshop will happen just prior to the AMRS meeting and will teach you how to access all of the materials needed to teach the class (they are all free) including lectures, videos, movies, slides, open source textbook, exams, canvas website, etc. Everything you need to offer the class.

IMOS Course Description

We are facing many significant societal challenges including sustainable energy, clean water, pandemics etc. Materials have been critical to the advancement of society. How will materials help us solve the critical issues of today and tomorrow? In this class we discuss how engineering materials were discovered, synthesized, refined and utilized from a scientific, historical, technological, economic and political perspective and the impact their development has had on society. We also discuss how society impacts the utilization, acceptance, sustainability and perception of materials. The students are also introduced to materials of the future including nanomaterials, superalloys, biomaterials, etc. and challenged to explore how these new materials and the social lessons of the past can help them design and implement new methods to address some of these critical global issues.

We hope you can join us. Feel free to share this invitation with a colleague.

Space is limited, so please let Omololu Akin-Ojo oakinojo@gmail.com know if you plan to attend.