

**Tuskegee University**  
**College of Engineering**  
**Master of Science (MS) in Materials Science and Engineering**

**Contact Information:**

MSEG 0518: Materials Science and Engineering – 3 Credits

MSEG 0521: Polymer Science and Engineering – 3 credits

Math 0561: Advanced Calculus – 3 credits

**Elective Courses (12 credits): Determined by Student's Major Professor**

undergraduate physics and chemistry courses are extended

MSEG 0624	Finite difference and relaxation method. Tensor application. <i>Prerequisites: MENG 0416 and MATH 0461.</i> <i>Graduate Standing.</i> <b>POLYMER CHEMISTRY</b>
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MSEG 0663	and fabrication technology, heterojunction bipolar transistors, advanced/MOS devices the BICMOS process. <b>SPECIAL FUNCTIONS.</b> CR. 3. Infinite series of functions, improper integrals. Gamma function, beta function, digamma and polygamma functions. Error function and related functions. Elliptic integrals. Legendre polynomials, Legendre series and theory conveyance. Hermite polynomials, Laguerre
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