

Engineering Education (MS)

Degree Requirements

Code	Title	Hours
Required Courses		6
EED 501 or EED 502	Teaching Undergraduate Engineers Engineering Education : Content, Assessment, and Pedagogy	
EED 641	Practicum in Engineering Education	
Engineering disciplinary core courses		18
Additional EED Course		3
Restricted electives		6
Choose two from the list below		
EAC 538	Instructional Strategies In Adult and Higher Education	
EDP 504	Advanced Educational Psychology	
EED 501	Teaching Undergraduate Engineers	
EED 502	Engineering Education : Content, Assessment, and Pedagogy	
EED 503	History, Philosophy and Public Policy in Engineering Education (Pending ABGS board approval)	
EED 505	Trends and Issues in Engineering Education (Pending ABGS board approval)	
EED 509	Field Experiences in Engineering Education	
EED 511	Societal Foundations for Engineering Education	
EED 514	Ethics for Engineering Education	
EED 641	Practicum in Engineering Education	
EED 706	Research Methods in Engineering Education (Pending ABGS board approval)	
EED 730	Assessment in Engineering Education (Pending ABGS board approval)	
TED 530	Foundations for Teaching Technology	
TED 556	Laboratory Management and Safety in TED	
TED 558	Teaching Creative Problem Solving	
TED 604	Introduction to K12 Engineering Education	
Total Hours		33

Faculty Professor

Aaron Clark

Associate Professor

Wendy Krause

Assistant Professors

Veronica Catete

Tamecia Jones

Teaching Professors

Laura Bottomley, *Director, Engineering Education*

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