2. Assessment Objectives

.	#	Objective & Description	Related Items	Standards and Associations	Student Related
⊞	2.1	**Knowledge: Broad in TE, detailed in concentration:** Students will demonstrate a broad knowledge of telecommunications engineering and a focused understanding of their area of expertise. The Graduate Program in Telecommunication Engineering provides intensive reparation in the design, programming, theory, and applications of telecommunication networks. The Department of Telecommunication Engineering offers courses of study leading to the M. S. and a PhD degree in Telecommunicat**[more...]**	**General Education Outcome Items** • 2. Mathematics • 3. Quantitative Methods • 10. Foundational Knowledge in Discipline(s) • 11. Advanced Knowledge in Discipline(s) • 16. Independent Thought **Strategic Plan Items** • I-1 Research Enterprise Initiative • II-1 The Education of Leaders • IV-1 National and Global Security **Institutional Priority Items** • SP-2 Add 5,000 New Students • COM-3 Sustain Progress toward Tier One Status in terms of programs, research and faculty quality		Yes
⊞	2.2	**Develop solutions to practical problems:** Student will apply their knowledge and analytical skills to create effective and novel solutions to practical problems.	**General Education Outcome Items** • 15. Research & Design • 16. Independent Thought **Strategic Plan Items** • I-1 Research Enterprise Initiative • II-1 The Education of Leaders • IV-1 National and Global Security • VI-3 Business Leadership **Institutional Priority Items** • SP-2 Add 5,000 New Students • CMP-1 Increase number of faculty and grad students in engineering. physical sciences & technology		Yes
⊞	2.3	**Communicate effectively and work collaboratively:** Students will communicate effetively and work both collaboratively and independently.	**General Education Outcome Items** • 1. Communication • 11. Advanced Knowledge in Discipline(s) • 13. Independent Research **Strategic Plan Items** • I-1 Research Enterprise Initiative • II-1 The Education of Leaders • IV-1 National and Global Security • V-2 Enhanced Quality of Life • VI-3 Business Leadership **Institutional Priority Items** • SP-2 Add 5,000 New Students • COM-3 Sustain Progress toward Tier One Status in terms of programs, research and faculty quality • CMP-1 Increase number of faculty and grad students in engineering. physical sciences &		Yes