ARCHITECTURAL AND CIVIL ENGINEERING

ACE AAS

Program Outcomes

Required Courses	Apply the knowledge, research, techniques, skills, and modern tools of the discipline.	Apply the knowledge of STEAM, conduct tests, analyze and interpret results and integrate with a level of practical creativity towards solving	Apply knowledge of CAD, BIM and engineering based software to create and present conditions and solutions within 2D	Apply knowledge of BIM and the guidelines of sustainability utilizing the principles of LEED, CSI, NAVFAC/AIA	Demonstrate knowledge of professional and ethical responsibilities.	Create and present industry standard design, project driven documents, materials and modeling compositions.					
CAD 110	I		I	I	I	I					
ACE 113	I		R	R		R					
ACE 121	I	I / A									
ACE 110	R / A		E	E / A	E	R					
ACE 122	I	R									
ACE 155		I	I			R					
CAD 262	E		E		E	E					
ACE 165	R			R	E	E					
ACE 268	E	E	R								
ACE 239		I									
ACE 204			E	R		E					
ACE 225			E	R	E	E					
ACE 274	E				E / A	E					
ACE 298 or ACE 297			E / A	R	E	E / A					
I-Outcome introduced; R-Outcome Reinforced; E-Outcome Emphasized; A-Outcome Assessed											

I – Outcome Introduced R = Outcome Reinforced E = Outcome Emphasized A = Outcome Assessed