



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

NTC Program: Mechanical Design Engineering Technology

Siena Heights University Program: Bachelor of Applied Science

Minimum GPA for admission: 2.0

Initial effective date: Fall semester, 2023

General Education Courses

NTC			Siena Heights University (SHU)		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-804-195	College Algebra with Apps (3 cr.) <u>OR</u>	3 or 4		Courses passed with a C (2.0) or better will transfer "D" grade may be considered within an Associate degree and transferred as a block credit for core courses.	18-20
10-804-118	Intermediate Algebra with Apps (4 cr.)				
10-806-154	General Physics 1 <u>OR</u>	3 or 4			
10-806-139	Survey of Physics				
10-801-195	Written Communication <u>OR</u>	3			
10-801-136	English Composition 1				
10-801-197	Technical Reporting	3			
10-809-172	Intro to Diversity <u>OR</u>	3			
10-809-196	Intro to Sociology				
10-809-199	Psychology of Human Relations <u>OR</u>	3			
10-809-198	Intro to Psychology				
10-890-165	College 101	1			
Total general education credits earned:		18-20		Total general education credits accepted:	18-20
Total transferable general education credits:		18-20			

Occupational Courses

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-606-105	Technical Drafting/CAD	2		Courses passed with a C (2.0) or better will transfer "D" grade may be considered within an	15
10-606-106	AutoCAD Applications	2			
10-606-128	Technical Detailing	2			
10-606-160	Manufacturing Processes - Machining	2			
10-606-162	Manufacturing Processes - Fabrications	2			
10-606-180	Mechanisms	3			
10-606-115	Machine Design 1	2			
10-606-116	Tooling & Production	2			
10-606-117	Machine Design 2	3			
10-606-132	Materials of Industry	2			
10-606-163	Strength of Materials	3			

10-612-120	Fluid Power Systems 1: Fundamentals	1		Associate degree and transferred as a block credit for core courses.	70
10-606-107	Designing for Manufacturability	4			
10-606-108	Geometric Dimensioning & Tolerancing Fund.	1			
10-606-109	Computer Apps & Analysis for Engineers	1			
10-606-111	Applied Mechanics for Technicians	3			
10-606-125	Design Problems	3			
10-606-130	Autodesk Inventor 3D CAD Software	2			
10-606-133	SolidWorks 1	1			
10-606-134	SolidWorks 2	1			
10-623-119	Quality Assurance	1			
10-623-118	Quality Systems	2			
	Total occupational course credits earned:	45		Total occupational course credits accepted:	45
	Total credits required for graduation:	64-66		Additional credit accepted	24-26
	Total transferable credits:	64-66		Total credits accepted at SHU:	90

Additional courses to take at NTC to transfer to Sienna Heights University as electives

Course No.	Course Title	Credits
10-801-155	English Composition II	3
10-806-177	General Anatomy & Physiology	4
10-809-188	Developmental Psychology	3
10-804-189	Intro to Statistics	3

Courses needed to complete degree at SHU:

Course No.	Course Title	Credits
LAS 300	Living the Liberal Arts	3
PHI or REL	Philosophy or Religious Studies course	3
LAS 400	Liberal Arts Capstone	3
	7 courses at the 300/400 level, choose from:	21
	Management	
	Marketing	
	Business	
	Sociology	
	Psychology	
	Communication	
	Information Technology	
	Health Care Management	
	Business Administration	

	Minors available in	
	Health care Management	
	Professional Communication	
	Information Technology	
	Total credits needed at SHU to complete degree:	30

Disclaimer: Students planning to transfer should contact NTC's Transfer Specialist and transfer personnel at SHU for the most current transfer information.

Updated on: 11/1/23