Northcentral TECHNICAL COLLEGE

TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS
NTC Program: Data Analytics
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
10-801-196	Oral/Interpersonal Communications	3		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.	22
10-801-195	Written Communication OR	3			
10-801-136	English Composition 1				
10-804-189	Introductory Statistics	3			
10-809-199	Psychology of Human Relations OR	3			
10-809-198	Intro to Psychology				
10-809-166	Intro to Ethics: Theory & App	3			
10-804-133	Math & Logic	3			
10-890-165	College 101	1			
10-809-195	Economics	3			
	Total general education credits earned:	**22**			
	Total transferable general education credits:	22		**Total general education credits accepted:**	**22**

Occupational Courses

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-150-114	Principles of Information Security	2			
10-156-102	Python A	1			
10-156-103	Python B	1			
10-152-531	Data Concepts A	1			
10-152-532	Data Concepts B	1			
10-152-533	Data Concepts C	1			
10-152-500	IT Development and Design Fundamentals	1			
10-152-501	Programming Concepts A	1			
10-152-502	Programming Concepts B	1			
10-152-503	Programming Concepts C	1			
10-152-534	Database Design and SQL A	1			
10-152-535	Database Design and SQL B	1			
10-152-536	Database Design and SQL C	1			
10-156-113	Data Visualizations 1	1		Courses passed with a C (2.0) or better will transfer "D" grade may be considered within an Associate	41
10-156-117	Data Visualizations 2	1			

Course No.	Course Title	Credits			
10-152-335	Data Reporting	3		degree and transferred as a block credit for core courses.	41
10-152-570	Advanced Data Management A	1			
10-152-571	Advanced Data Management B	1			
10-152-572	Advanced Data Management C	1			
10-156-104	IT Project Management	3			
10-156-109	Data Mining & Predictive Analytics 1	1			
10-156-110	Optimization and Simulation 1	1			
10-156-114	Intro to R	1			
10-156-105	Data Capstone	3			
10-156-106	Modeling and Machine Learning	3			
10-156-111	Data Mining & Predictive Analytics 2	1			
10-156-112	Optimization and Simulation 2	1			
10-156-115	Data Mining & Predictive Analytics 3	1			
10-156-116	Optimization and Simulation 3	1			
10-804-135	Quantitative Reasoning	3			
	Total occupational course credits earned:	41		Total occupational course credits accepted:	41
	Elective credits allowed:			Elective credits allowed:	27
	Total credits required for graduation:	63			
	Total transferable credits:	63		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

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.