

Name: Michael Caruana

Degree: Bachelor of Science

Robotics and Embedded Systems/Artificial Intelligence (Online) 2019-21 Catalog
School Evaluated

I. General Studies 36 Total Credits Required

Code	Course Title	Credits	Grade	UL	Transfer
TCH115	Thinking Strategies	3	A		

Mathematics/Science

Code	Course Title	Credits	Grade	UL	Transfer
MAT174	College Algebra	3	A		
AST101	The Night Sky	3	A		
MAT210	Business Mathematics	3	A		
AST301	The Solar System	3	A	3	
MAT220	Statistics	3	A		
MAT179	Pre-Calculus	3	A		

Mathematics/Science Upper Division 3 Minimum 3
Subtotal Mathematics/Science 18 Minimum 18

Humanities/Social Science

Code	Course Title	Credits	Grade	UL	Transfer
ENG101	English Composition	3	A		
ENG102	English Composition 2	3	A		
SS320	Contemporary Global Issues	3	A	3	
ENG310	Science Fiction as Literature	3	A	3	

Hum/S.S. Upper Division 6 Minimum 6
Subtotal Hum/S.S. 12 Minimum 12

General Education Elective

Code	Course Title	Credits	Grade	UL	Transfer
HUM305		3	A	3	

Subtotal Elective 3 Maximum 3
I. Total General Studies 36 Minimum 36
Total General Studies Upper 9

II. University Core 21 Total Credits Required

Code	Course Title	Credits	Grade	UL	Transfer
SIP311	Student Innovation Project I: Innovation				
SIP408	Student Innovation Project II				
SIP409	Student Innovation Project III				
SIP411	Boards Presentation				
COM226	Communication In Technology	3	A		
BUS200	Entrepreneurship to Market	3	A		
TCH310	Technology, Ethics, and Society	3	A	3	
PDS300	Production Studio I	3	A	3	
PDS400	Production Studio II	3	A	3	

II. Total University Core 15 21 Credits
Total Core Upper Division 9

III. Degree Specific 30 Total Credits Required

Code	Course Title	Credits	Grade	UL	Transfer
CSC102	Introduction to Programming	3	A		
DBM100	3D Build Tools	3	A		
RBT131	Digital Logic Basic Processor Design	3	A		
RBT173	Introduction to Microcontrollers	3	A		
RBT211	Arduino Embedded Programming	3	A		
RBT310	ARM Programming	3	A	3	
CSC215	C/C++ Programming	3	A		


III. Total Degree Specific 21 Minimum 30
Total Degree Specific Upper Division 3

IV. Electives 33 Credits Minimum

Code	Course Title	Credits	Grade	UL	Transfer
VRT101	Virtual Reality Tools & Hardware	3	A		
GAM101	Introduction to Game Design	3	A		
GAM125	Intro to Game Development	3	A		
HCI101	Intro to Human-Computer Interaction	3	A		
CSC202	C# Programming 1	3	A		
SPT323	Rust Programming 1	3	A	3	
CSC235	Python Programming 1	3	A		

IV. Total Electives 21 Maximum 33
Total Electives Upper Division 3

Degree Requirements Summary	Percentage Completed		
I. Total General Studies	36	Minimum 36	100%
II. Total University Core	15		71%
III. Total Degree Specific	21	Minimum 30	70%
IV. Total General Electives	21		64%
Total Credits	93	Minimum 135	69%
Cumulative Grade Point Average	4.00	Minimum 2.0	200%
Portfolio & SIP Approved			
Subtotal Degree Specific	21	Minimum 30	70%
Subtotal Upper Division Overall	27	Minimum 39	69%
Subtotal General Studies Upper	9	Minimum 6	150%
Subtotal Core, Degree Specific, and Electives	57	Minimum 84	68%
Subtotal Thinking	3	Minimum 3	100%
Subtotal Math/Science	18	Minimum 18	100%
Subtotal Hum/S.S.	12	Minimum 12	100%

 Indicates a required course