TSC | TALLAHASSEE STATE COLLEGE

Applied Artificial Intelligence
Associate in Science Degree | Program: 2176 | 60 credits
CIP # 1511010200
Course Sequence Guide for Full-Time Enrollment

SEMESTER	Course ID	Course Title	Credits	Pre/Corequisites
Semester 1	MAC 1105	College Algebra	3	Prerequisite: Course, placement, or eligible exemption
	CAI 1001C	Artificial Intelligence (AI) Thinking	3	
	CTS1170	Cybersecurity Fundamentals	3	
	COP1047C	Introduction to Python Programming	4	
		Total Credits	**13**	
Semester 2	ENC 1101	College Composition	3	Prerequisite: Course, placement, or eligible exemption
	CTS 1145	Cloud Essentials	3	
	PHI2680	Artificial Intelligence and Ethics	3	
	CAI2100C	Machine Learning Foundations	3	Prerequisite: CAI1001C
		Total Credits	**12**	
Semester 3	CGS2540	Database Concepts	3	Prerequisite: Course, placement, or eligible exemption
	Social Science	Any Social Science State Core Group 2	3	Prerequisite: Course, placement, or eligible exemption
		Total Credits	**6**	
Semester 4	CAI2300C	Introduction to Natural Language Processing	4	Prerequisite: CAI2100C
	CAI2840C	Introduction to Computer Vision	4	Prerequisite: CAI2100C
	GEB1432	Applied Artificial Intelligence (AI) in Business	3	
	CAP1788	Introduction to Data Analytics	4	
		Total Credits	**15**	
Semester 5	Humanities	Any Humanities State Core	3	Prerequisite: ENC1101
	Science	Any Science State Core	3	Prerequisite: Course, placement, or eligible exemption
	CAI2820C	Artificial Intelligence Application Solutions	4	Prerequisites: CAI2300C and CAI2840C
	CAP2704C	SQL for Data Analytics	4	
		Total Credits	**14**	
		PROGRAM TOTAL	**60**	