

2026-2027 OCCUPATIONAL CERTIFICATE (CERT) AWC ADVISEMENT CHECK SHEET

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Artificial Intelligence and Machine Learning Level-1

Student Name	ID #	Advisor	Major Code: CERT.AIMF Credits: 15
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The Foundation Certificate in AI and Machine Learning provides a comprehensive introduction to the principles, techniques, and applications of artificial intelligence and machine learning. This beginner-friendly program is ideal for individuals seeking to understand how intelligent systems work and how machine learning models are built, trained, and evaluated. Through interactive lectures, practical labs, and real-world examples, students will explore topics such as data preprocessing, supervised and unsupervised learning, model evaluation, and basic neural networks. The program also introduces essential programming skills using Python and popular ML libraries like scikit-learn and pandas will sharpen their skills in prompt engineering, study machine learning models, natural language processing and computer vision algorithms, and gain hands-on experience with popular

Required Major Courses (15 Credits)		Cr	Sem	Notes
AIM-101	Introduction to Artificial Intelligence	3		
AIM-102	AI Ethics	2		
AIM-103	Introduction to Machine Learning	3		
GME-122	Python Proramming	3		
MAT-151	College Algebra	4		