

Artificial Intelligence

Academic Planning Guide

Artificial Intelligence Associate of Applied Science

In a rapidly evolving tech landscape, Data Modeling (DM), Machine Learning (ML), and Artificial Intelligence (AI) have become essential to many industries. As businesses increasingly rely on AI-driven insights, roles such as AI Engineer, Data Scientist, and Prompt Engineer are growing in demand. This award provides students with a solid foundation in relational (SQL) and non-relational (NoSQL) databases, machine learning, neural networks, and AI algorithms.

Students will gain practical experience with programming languages like HTML/CSS, JavaScript, Python, and C#. Core areas of study in this program provide a solid foundation in AI

concepts, machine learning techniques, and data handling for AI-driven applications. Graduates will be well-prepared for entry-level roles or for enhancing their current technical roles, positioning them to support their organization's AI needs and aspirations. With this foundation, they'll be ready to help drive data-driven projects and contribute to the growing need for Artificial Intelligence in modern business practices as they continue to advance their skills.

Prerequisites: Basic computer literacy, familiarity with the internet, college-level reading ability, and proficiency in basic mathematics.

First Semester

ITEC1000	Information Systems	3
ITEC1080	Microsoft Productivity Apps 1	3
ITEC1302	HTML/CSS & JavaScript	4
ITEC1505	Fundamentals of Programming with Python	4
COMM1260	Small Group Communication	3
Total Credits		17

Second Semester

ITEC1090	Microsoft Productivity Apps 2	3
ITEC1600	Contemporary Topics in Information Technology	1
ITEC2580	Advanced Programming with Python	4
ITEC2701	SQL/NoSQL Database Design	4
ENGL1070	Technical Writing	3
Total Credits		15

Third Semester

ITEC1122	Linux Admin 1	4
ITEC2055	Project Management	3
ITEC2900	Machine Learning with Python	4
	Choose credits from MnTC Goal Area 3, 4, or 5	3
Total Credits		14

Fourth Semester

ITEC2786	SQL Server - System Administration	4
ITEC2910	Artificial Intelligence with Python	4
PHIL1700	Ethics of Artificial Intelligence	3
	General Education Electives	3
Total Credits		14
Total Credits		60

Please note: Semester listings reflect the recommended sequence. Due to circumstances beyond our control, the information herein is subject to change without notice.

Plan Your Path to Stay on Track

Success doesn't happen by accident—it starts with a plan! Whether you're working toward a diploma, certificate, or degree, understanding which courses to take and when to take them can save you time, money, and stress.

By staying organized and proactive, you'll move forward with confidence, avoid last-minute surprises, and stay on track for graduation. One of the best tools to help you map out your path is your Degree Audit Report (DARS).

Your Personal Academic Checklist

DARS takes the guesswork out of course planning. It gives you a clear snapshot of your progress and shows which classes are still required for your program.

Why Check DARS?

Planning your class schedule is much easier when you know what is left to take! Checking your DARS report can help you:

- ✓ Avoid registering for the wrong courses
- ✓ Make steady progress toward your degree or diploma
- ✓ Stay on track for graduation and avoid surprises

How to Access Your DARS Audit

Checking your DARS only takes a few clicks!

- 1 Log into eServices with your StarID and password
- 2 Go to the Academic Records section
- 3 Click on Degree Audit Report (DARS)
- 4 Review your audit to see what is complete and what is still required



Student e-services	Academic Records
Dashboard	
Home	Degree Audit
Account Management	Unofficial Transcripts
Courses & Registration	Check Grades
Academic Records	

Plan Ahead for Success

It is smart to review your DARS every semester—especially before registration opens. If you are not sure which classes to take next, your DARS is a great place to start. You can also bring it to your academic advising appointment to build a plan that fits your goals and schedule.

Your degree. Your plan. Your future.

DARS helps you take the right steps, at the right time. Check your DARS often so you can register with confidence and graduate on time!

Visit

HennepinTech.edu/Advising

Last reviewed 04/15/2025

Hennepin Technical College

A member of Minnesota State

Hennepin Tech is an affirmative action, equal opportunity educator and employer. This document is available in alternative formats to individuals with disabilities. Consumers with hearing or speech impairments may contact us via their preferred telecommunications relay service.