

## MN State IT Center of Excellence – Curriculum Development Modules

This document provides the directions on how to access and download current curriculum modules developed through the MN State IT COE Curriculum Development Project.

### Module areas include

Agile/Dev Ops

Career Readiness

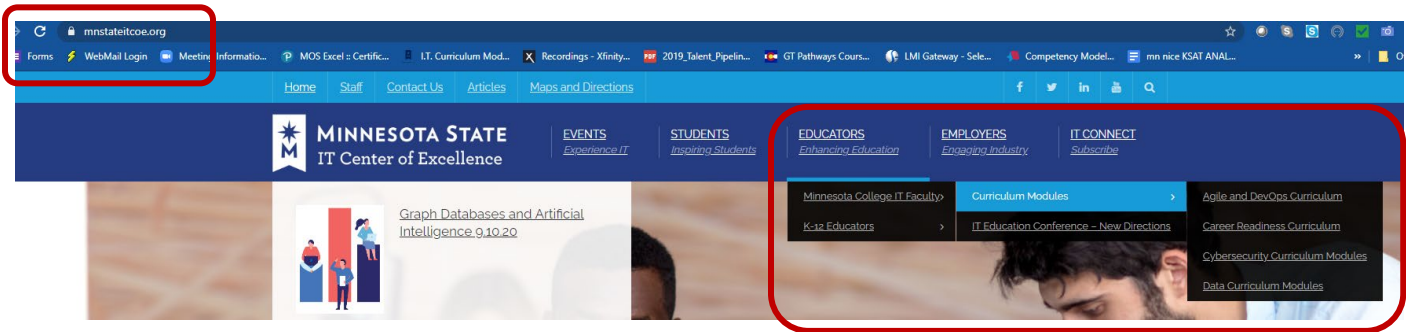
Cyber

Data

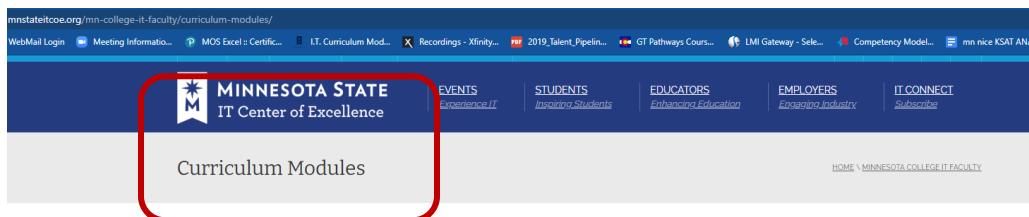
### Location of Overview

For a complete list of current modules available visit: [MN State IT COE Curriculum Modules](https://mnstateitcoe.org/mn-college-it-faculty/curriculum-modules/)  
(<https://mnstateitcoe.org/mn-college-it-faculty/curriculum-modules/>)

### Step 1: MNstateitcoe.org



### Step 2: MN State IT COE Website, navigate to Educators/MN College IT Faculty/Curriculum Modules



### I.T. Curriculum Modules

DATA – AGILE – CAREER READINESS – CYBER

- Modules = 1 credit worth of learning
- Packaged in D2L (Minnesota States online course format)
- Ready for easy download for simple placement into an already built curriculum
- Modules can be added to existing courses
- -OR- combined to create additional courses at any Minnesota State College or University

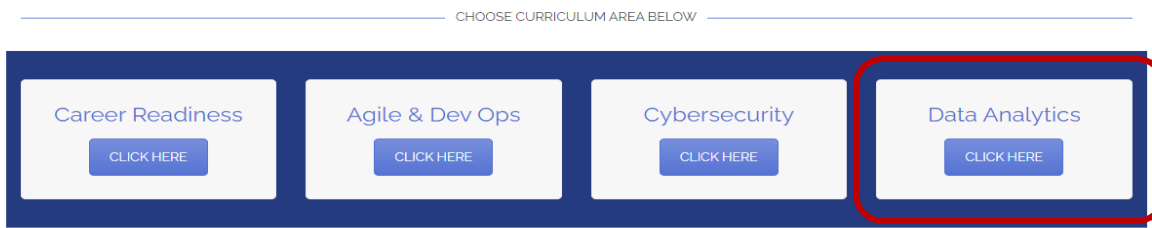
Free, high quality, ready to download online curriculum modules.

The Minnesota State I.T. Center of Excellence is here to help Minnesota State faculty lead in technology education.

To do this, we are expanding the scope and access to curriculum of cyber, data, agile, and other in demand I.T. programs to faculty and students across the Minnesota State System by offering I.T. curriculum modules in D2L.

These modules were created by Minnesota State faculty for your use and are completely virtual and ready for use in classrooms.

### Step 3: Scroll to the bottom and select the area of interest



### Step 4: There are multiple ways to access available modules from this webpage

3

Data D2L Modules Information Request

Name \*

First  Last

Phone \*

Email \*

Title/Role \*

Enter Minnesota State Institution \*

Make a select

Reason / Background for your Inquiry \*

1

- Go to <https://mnsite.learn.minnstate.edu> and sign on with your StarID and password.
- Select Self-Registration and choose from the IT COE courses listed.

For those external to the Minnesota State System, please complete the Interest Form to the left.

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Module Features

- Ready-to-use articles, videos, exercises, assessments, and rubrics.
- Built specifically for Minnesota State faculty in familiar D2L.
- Easy navigation.
- Content is adaptable for immediate use in courses.

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LEARNING AREAS

2

**Mathematical Reasoning**

Learn how to analyze data using mathematical theory.

**Machine Learning**

Learn how artificial intelligence helps algorithms improve on their own.

**General Programming**

Learn programming languages that are used in Data Science.

**Data Visualization**

Learn how to represent data with graphics.

1. If you are a current Minn State Faculty or student Go to <https://mnsite.learn.minnstate.edu> and sign on with your StarID and password. Select Self-Registration and choose from the IT COE Courses listed (each module starts with ITCoe\_)
2. OR Scroll to bottom "Learning Areas" and Click on the module you are interested in and read more about the modules before heading over to the [mnsite.learn.minnstate.edu](https://mnsite.learn.minnstate.edu)
3. Those external to Minn State System OR faculty within Minn State System that would like just the PDF zip folder you can fill out the web form and we will provide you with it. Please be specific in what you are asking for if you fill out the form.