

 EASTERN MICHIGAN UNIVERSITY <small>DIVISION of INFORMATION TECHNOLOGY</small>	Standard			
	Effective Date	Last Revision	Last Review	Next Review
	03/29/2017	09/08/2016	03/29/2017	FY19

Chapter Name	
Security	
Chapter Number	Title
8.1.S.2	Mandatory Multi-Factor Authentication Enrollment

1.0 Purpose

This standard defines which employees, students or other EMU account holders must enroll in and use the EMU multi-factor authentication system.

2.0 Governing Policy	
Number/Document Name	Effective Date
8.1 Passwords for DoIT Systems	10/16/2014

3.0 Standard

EMU strongly encourages all employees, students and third-party contractors using EMU systems to enroll in the EMU multi-factor authentication system. Multi-factor authentication is the most effective defense against password theft and account compromise.

However, enrollment is mandatory for some groups. Employees, students or third parties using EMU computing systems must enroll in and use multi-factor authentication if they fit any of the following classifications:

- All Banner users are required to enroll in multi-factor authentication. Banner users typically have access to more sensitive data that must be protected by the best available security measures to meet audit, best practice and regulatory requirements.
- All end-users whose accounts have been previously compromised or otherwise had their password stolen. End-users with compromised accounts shall be required to enroll in multi-factor authentication as part of the process for unlocking and regaining access to their accounts. This is required because repeat compromises are common and the first compromise typically indicates inadequate security knowledge that increases risk for both the end-user and EMU.

4.0 Responsibility for Implementation

The Director of Network and System Services is responsible for implementing this standard.

5.0 Definitions	
Term	Definition
Multi-Factor Authentication	A system which requires a password plus one or more additional factors such as a smart phone to authenticate access to a computer system. Also commonly referred to as <i>two-factor authentication</i> .

6.0 Revision History	
Description	Approval Date

Initial Draft – Allan Edwards	09/08/2016
Approval by CIO	03/29/2017