

# INFORMATION TECHNOLOGY (CYBER DEFENSE) - MASTER OF INFORMATION TECHNOLOGY (ONLINE)

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The plan of study below was created with working professionals in mind. You will find guidelines for part-time students taking two courses per semester, including summer. Please note that the Masters of Information Technology program can be completed as a full-time student in one calendar year if that is your preference. Contact the program director or faculty advisor for other plans of study options and for further information. The program website is located at <https://enr.nmsu.edu/Academics/pmp-it.html>.

<b>First Year</b>		
<b>Fall</b>		<b>Credits</b>
ET 551	Enterprise Architecture I <sup>1</sup>	3
ET 539	Advanced Enterprise Security <sup>2</sup>	3
<b>Credits</b>		<b>6</b>
<b>Spring</b>		
ET 515	AI and Cybersecurity Risk in Critical Infrastructure Systems <sup>2</sup>	3
ET 562	Development and Operations <sup>3,4</sup>	3
<b>Credits</b>		<b>6</b>
<b>Summer</b>		
ET 585	White Hat System Testing <sup>2</sup>	3
ET 595	Capstone Projects in Information Technology <sup>1</sup>	3
<b>Credits</b>		<b>6</b>
<b>Second Year</b>		
<b>Fall</b>		
ET 552	Enterprise Architecture II <sup>1</sup>	3
ET 555	Virtualization <sup>3,4</sup>	3
<b>Credits</b>		<b>6</b>
<b>Spring</b>		
ET 540	Risk Management for IT Managers <sup>2</sup>	3
ET 577	Advanced Computer Networking <sup>3,4</sup>	3
<b>Credits</b>		<b>6</b>
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> Masters of Information Technology required core course

<sup>2</sup> Cyber Defense Concentration Required Course

<sup>3</sup> Recommended Elective

<sup>4</sup> Refer to the list of other pre-approved electives. For guidance on selecting elective courses outside the department or college, or to request consideration of additional electives, please contact your faculty advisor.