

FALL 2026 - ITAS Professional Options (ECT, EET, CSN, CTY, IFS)

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Course	Program/Semester					Description	Prerequisites
	ECT	EET	CSN	CTY	IFS		
ACC106	4,5,6	5,6	N/A	N/A	N/A	Accounting I	
AIT500	N/A	N/A	N/A	N/A	N/A	Introduction to Machine Learning and Artificial Intelligence	PRG550
AVR500	5	N/A	N/A	N/A	N/A	Introduction to Ar/Vr Technologies	APL255
BAM101	4,5,6	5,6	N/A	N/A	N/A	Introduction to Bussiness Administration	
CLD500	N/A	N/A	N/A	N/A	N/A	Cloud Computing Fundamentals	NET455
CSP451	N/A	N/A	4	4,5,6	N/A	Computer Systems Projects - Cloud Services and Administration	CSN305 & MST300
CYT145	N/A	N/A	4	4,5,6	N/A	IT Security	
CYT160	N/A	N/A	4	4,5,6	N/A	Security for Cloud	
DAL500	5	N/A	N/A	N/A	N/A	Introduction to Data Analytics	APL355
DPI907	N/A	N/A	N/A	N/A	7	IT Physical and Environmental Security	RIS420
DPI911	N/A	N/A	N/A	N/A	7	Incident Response	SPR400
HSI355	5	5	N/A	N/A	N/A	Advanced Hardware and Software Interfacing	HSI255 or HSI266
LNX500	N/A	N/A	N/A	N/A	N/A	Embedded Linux	NET556
MAC500	5	N/A	N/A	N/A	N/A	Macintosh Fundamentals	APL355
MEC455	N/A	5	N/A	N/A	N/A	Mechatronics Concepts	MEC355
MOM555	N/A	5	N/A	N/A	N/A	Manufacturing Operations Management	ELM453
NET556*	N/A	N/A	N/A	N/A	N/A	Cisco Networking I	NSP655
NET660	6	N/A	N/A	N/A	N/A	CCNA Enterprise Networking	NET556
PCS455	N/A	6	N/A	N/A	N/A	Process Control	CSF453
PHY354	5	N/A	N/A	N/A	N/A	Physics for Electronics	MTH255
PMC115	N/A	N/A	4	4,5,6	N/A	IT Project Mgmt. Fundamentals	
PPE655	6	6	N/A	N/A	N/A	Engineering Ethics and Professional Practice	EAC150& IPS255
PRF500	4,5	N/A	N/A	N/A	N/A	Production Fundamentals	APL355
PRG455	5	N/A	N/A	N/A	N/A	Event Driven Programming	PRG355
PRG650	6	N/A	N/A	N/A	N/A	Advanced Programming Concepts	PRG550
ROB555	N/A	6	N/A	N/A	N/A	Robtics Basics	CSF453
SEC555*	5,6	N/A	N/A	N/A	N/A	Cyber Security	NSP655
TIA555	N/A	5	N/A	N/A	N/A	Totally Integrated Automation	CSF453
WIN700	N/A	N/A	4	4,5,6	N/A	Active Directory	WIN310 or (MST200 and CSN205)
						*core course for ECT if you started prior to Fall 2024	