

B.S. in Computer Engineering with AFROTC (5 Yr Plan of Study)

Revised: August 1, 2018

Year	Fall	Spring	J-Term/ Summer
1	ENGR150 - Intro to Engineering MATH113 - Calculus I CISC130 - Introduction to Programming and Problem Solving PHIL 115 ENGL 121 - Critical Thinking: Literature and Writing AERO111 -Foundations of US Air Force I	MATH114 - Calculus II PHYS211 - Introduction to Classical Physics I ENGR230 - Digital Design THEO 101 AERO112 - Foundations of US Air Force II	
2	PHYS212 - Introduction to Classical Physics II CISC230 - Object-Oriented Design and Programming ENGR330 - Microprocessor Architectures ENGL 201-204 - Texts in Conversation AERO 211 - USAF Air & Space Power I	ENGR240 - Circuit Analysis MATH210 - Introduction to Differential Equations and Systems ENGR331 - Designing with Microprocessors Foreign Language I AERO 212 - USAF Air & Space Power II	AERO 450 - Field Training
3	ENGR345 - Electronics I ENGR431 - Design of Embedded Systems Foreign Language II AERO 321 - Leadership & Mgmt I	ENGR 432 - Current Trends in Computing Systems ENGR/CISC Technical Elective I Foreign Language III AERO 322 - Leadership & Mgmt II	
4	MATH128 - Intro to Discrete Math Science/Math Elective I PHIL 214/215 AERO 421 - National Security Affairs I	CISC231 - Data Structures using Object-Oriented Design ENGR/CISC Technical Elective II THEO 2XX/3XX AERO 422 -National Security Affairs II	
5	ENGR480 - Engineering Design Clinic I CISC610 - Software Engineering Fine Arts Social Analysis	ENGR481 - Engineering Design Clinic II Science/Math Elective II THEO 4XX Historical Studies	

Following CISC/ENGR courses are offered both semesters and may be taken in either term IF pre-requisites are satisfied:

ENGR150, ENGR230, ENGR240, ENGR331
 CISC130, CISC230, CISC231, CISC610