SCHOOL OF
TRANSPORTATION
& HEAVY EQUIPMENT
OSU Institute of Technology

CAT® ThinkBig
Associate in Applied Science
75 Credit
Hours Fall Start Only – 1st Half Start

First Semester (15 Hours)

	Program Requirements	Hours		General Education Courses	Hours	
1st	DHEC 1124 Introduction to Caterpillar	4		ORIE 1011 College Strategies	1	
1st	DHEC 1134 CAT Electrical Fundamentals	4		CS 1013 Computer Literacy & Applications	3	
2nd	DHEC 1113 Internship I	3				

Second Semester (12 Hours)

	Program Requirements	Hours		General Education Courses	Hours	
1st	DHEC 1213 CAT Hydraulic Fundamentals	3		ENGL 1033 Technical Writing I▫ **OR** ENGL 1113 Freshman Composition I	3	
1st	DHEC 1323 CAT Engine Fundamentals	3				
2nd	DHEC 1233 Internship II	3				

Third Semester (12 Hours)

	Program Requirements	Hours		General Education Courses	Hours	
1st	DHEC 1223 CAT Fuel Systems	3		MATH 1493 Math for Critical Thinking▫ **OR** MATH 1513 Pre-Calculus	3	
1st	DHEC 2423 CAT Machine Electronic Systems	3				
2nd	DHEC 1313 Internship III	3				

Fourth Semester (12 Hours)

	Program Requirements	Hours		General Education Courses	Hours	
1st	DHEC 2413 CAT Engine Diagnostics & Repair	3		HIST 1483 US History to 1865 **OR** HIST 1493 US History since 1865▫	3	
1st	DHEC 1333 CAT Machine Hydraulic Systems	3				
2nd	DHEC 2433 Internship IV	3				

Fifth Semester (12 Hours)

	Program Requirements	Hours		General Education Courses	Hours	
1st	DHEC 2524 CAT Power Train I	4		POLS 1113 US Government	3	
1st	DHEC 2532 CAT Mobile Air Conditioning	2				
2nd	DHEC 2513 Internship V	3				

ANY = Any Term | FULL = Full Semester Class | 1st = First Half Class | 2nd = Second Half Class ▫ Recommended

Sixth Semester (12 Hours)

	Program Requirements	Hours		General Education Courses	Hours	
ANY				SPCH 1113 Intro to Speech Communications ▭ **OR** SPCH 2313 Small Group Communications	3	
1st	DHEC 2603 CAT Power Train II	3				
	DHEC 2636 CAT Capstone	6				

ANY = Any Term | FULL = Full Semester Class | 1st = First Half Class | 2nd = Second Half Class ▭ Recommended

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