

Program of Study Sequence

Community College Kishwaukee College

High School Sycamore High School

Program of Study: Auto/Automotive Mechanic/Tech AAS Degree # 230

CIP Code 47.0604

Cluster Transportation, Distribution & Logistics

Pathway

Facility & Mobile Equipment Maintenance

Educational Level	Grade	CTE/Degree Major Courses	English	Mathematics	Science	Social Science	Other required Courses/Recommended Electives	Work-Based Learning Opportunities
SECONDARY	9	Technology course	English I	Algebra I	Physical Science	World Cultures (Opt)	Foreign Language	
	10	Technology course	English II & Speech	Geometry	Biology or BSAA	World Cultures (Opt)		
	11	KEC AUTO I 1st semester (AMT 103) KEC AUTO I 2nd semester	English III	Algebra II	Courses Required for Graduation	American History	Foreign Language Skills USA (KEC)	
	12	KEC AUTO II 1st Semester (AMT 120) KEC AUTO II 2nd Semester (AMT 110)	English IV	Trigonometry	Chemistry of Physics	Government Consumer Ed.		
POSTSECONDARY	13 (Fall)	AMT 113 Basic Electrical AMT 202 Basic Engines	SPE 100 Oral Communications, ENG 103 Comp I or Eng. 109 Technical Writing	TMAT 100 Technical Mathematics	BIO 101 Environmental Biology	Humanities/ Social Science Elective	CIS 101 Intro to Computers OR BUS 101 Intro to Business OR Gen Ed Elective	Degrees and Certificates Available: AAS 230 Basic Certificate 416 Advanced Certificate 417
	13 (Spring)	AMT 107 Automotive Fuel Injection Systems AMT 111 Engine Performance I AMT 114 Advanced Electrical AMT 115 Heating & Air Conditioning AMT 212 Advanced Engines	SPE 100 Oral Communications, ENG 103 Comp I or Eng. 109 Technical Writing	TMAT 100 Technical Mathematics	BIO 101 Environmental Biology	Humanities/ Social Science Elective		
	14 (Fall)	AMT 210 Transmissions & Driveline AMT 218 Vehicle Electronics AMT 216 Engine Performance II	SPE 100 Oral Communications, ENG 103 Comp I or Eng. 109 Technical Writing	TMAT 100 Technical Mathematics	BIO 101 Environmental Biology	Humanities/ Social Science Elective	CIS 101 Intro to Computers OR BUS 101 Intro to Business OR Gen Ed Elective	
	14 (Spring)	AMT 213 Diagnosis and Testing AMT 220 Automatic Transmissions	SPE 100 Oral Communications, ENG 103 Comp I or Eng. 109 Technical Writing	TMAT 100 Technical Mathematics	BIO 101 Environmental Biology	Humanities/ Social Science Elective		
	15 (Fall)	Continued Classes in Chosen Program of Study	Classes and Electives Required for bachelors degree	Classes and Electives Required for bachelors degree	Classes and Electives Required for bachelors degree	Classes and Electives Required for bachelors degree	Career Opportunities: Automotive Technician	
	15 (Spring)	Continued Classes in Chosen Program of Study	Classes and Electives Required for bachelors degree	Classes and Electives Required for bachelors degree	Classes and Electives Required for bachelors degree	Classes and Electives Required for bachelors degree		
	16 (Fall)	Continued Classes in Chosen Program of Study	Classes and Electives Required for bachelors degree	Classes and Electives Required for bachelors degree	Classes and Electives Required for bachelors degree	Classes and Electives Required for bachelors degree		
	16 (Spring)	Continued Classes in Chosen Program of Study	Classes and Electives Required for bachelors degree	Classes and Electives Required for bachelors degree	Classes and Electives Required for bachelors degree	Classes and Electives Required for bachelors degree		

Kishwaukee Educational Consortium Dual Credit Classes

Program of Study Sequence

Community College Kishwaukee College High School Sycamore High School

Program of Study: Auto/Automotive Mechanic/Tech Cert # 416 CIP Code 47.0604

Cluster Transportation, Distribution & Logistics Pathway Facility & Mobile Equipment Maintenance

Educational Level	Grade	CTE/Degree Major Courses	English	Mathematics	Science	Social Science	Other required Courses/Recommended Electives	Work-Based Learning Opportunities
SECONDARY	9	Technology course	English I	Algebra I	Physical Science	World Cultures (Opt)	Foreign Language	
	10	Technology course	English II & Speech	Geometry	Biology or BSAA	World Cultures (Opt)		
	11	KEC AUTO I 1st semester (AMT 103) KEC AUTO I 2nd semester	English III	Algebra II	Courses Required for Graduation	American History	Foreign Language Skills USA (KEC)	
	12	KEC AUTO II 1st Semester (AMT 120) KEC AUTO II 2nd Semester (AMT 110)	English IV	Trigonometry	Chemistry of Physics	Government Consumer Ed.		
POSTSECONDARY	13 (Fall)	AMT 113 Basic Electrical AMT 107 Automotive Fuel Injection Systems AMT 210 Transmissions & Driveline						Career Opportunities: Automotive Technician Degrees and Certificates Available: Basic Cert. 416
	13 (Spring)	AMT 111 Engine Performance I AMT 115 Heating & Air Conditioning AMT 220 Automatic Transmissions						
	14 (Fall)							
	14 (Spring)							
	15 (Fall)							
	15 (Spring)							
	16 (Fall)							
16 (Spring)								

[Kishwaukee Educational Consortium Dual Credit Classes](#)

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Community College Kishwaukee College High School Sycamore High School

Program of Study: Auto/Automotive Mechanic/Tech Cert # 417 CIP Code 47.0604

Cluster Transportation, Distribution & Logistics Pathway Facility & Mobile Equipment Maintenance

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	12	KEC AUTO II 1st Semester (AMT 120) KEC AUTO II 2nd Semester (AMT 110)	English IV	Trigonometry	Chemistry of Physics	Government Consumer Ed.			
POSTSECONDARY	13 (Fall)	AMT 113 Basic Electrical AMT 202 Basic Engines							
	13 (Spring)	AMT 107 Automotive Fuel Injection Systems AMT 111 Engine Performance I AMT 114 Advanced Electrical AMT 115 Heating & Air Conditioning AMT 212 Advanced Engines							
	14 (Fall)	AMT 210 Transmissions & Driveline AMT 218 Vehicle Electronics AMT 216 Engine Performance II							
	14 (Spring)	AMT 213 Diagnosis and Testing AMT 220 Automatic Transmissions							
	15 (Fall)						Career Opportunities: Automotive Technician		Degrees and Certificates Available: Advanced Certificate 417
	15 (Spring)								
	16 (Fall)								
	16 (Spring)								

Kishwaukee Educational Consortium Dual Credit Classes