

**Program of Study Sequence**

Community College Kishwaukee College High School Rochelle Township 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	Transportation 1	English I	Algebra I	Biology	World Geography	Foreign Language Business Ed	
	10	Transportation 2	Rhet & Comp., Speech	Geometry	Natural Science	World History		
	11	KEC AUTO I 1 <sup>st</sup> semester (AMT 103) KEC AUTO I 2 <sup>nd</sup> semester	2 Literature Courses	Algebra II	Chemistry	American History I & II	Foreign Language Business Ed Consumer Ed Related Electives. Skills USA (KEC)	
	12	KEC AUTO II 1 <sup>st</sup> Semester (AMT 120) KEC AUTO II 2 <sup>nd</sup> Semester (AMT 110)	Expos/ENG 103 (DC)					
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 <b>OR</b> BUS 101 Intro to Business <b>OR</b> Gen Ed Elective	Career Opportunities:  Automotive Technician  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 & Drivelines AMT 2 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 <b>OR</b> BUS 101 Intro to Business <b>OR</b> Gen Ed Elective	
	14 (Spring)	KEC AUTO I 1 <sup>st</sup> semester (AMT 103) KEC AUTO I 2 <sup>nd</sup> semester	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 <b>OR</b> BUS 101 Intro to Business <b>OR</b> Gen Ed Elective	
	15 (Fall)	Continued Classes in Chosen Program of Study	Classes and Electives Required for bachelor's degree	Classes and Electives Required for bachelor's degree	Classes and Electives Required for bachelor's degree	Classes and Electives Required for bachelors degree		
	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 Rochelle Township 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	Biology	World Geography	Foreign Language Business Ed	
	10	Technology course	Rhet & Comp., Speech	Geometry	Natural Science	World History		
	11	<a href="#">KEC AUTO I 1st semester (AMT 103)</a> <a href="#">KEC AUTO I 2nd semester</a>	2 Literature Courses	Algebra II	Chemistry	American History I & II	Foreign Language Business Ed Consumer Ed Related Electives. Skills USA (KEC)	
	12	<a href="#">KEC AUTO II 1st Semester (AMT 120)</a> <a href="#">KEC AUTO II 2nd Semester (AMT 110)</a>	Expos/ENG 103 (DC)	Pre-Calculus	Adv. Chemistry (DC) or Physics			
POSTSECONDARY	13 (Fall)	AMT 113 Basic Electrical AMT 107 Automotive Fuel Injection Systems AMT 210 Transmissions & Drivelines						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)							

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Educational Level	Grade	CTE/Degree Major Courses	English	Mathematics	Science	Social Science	Other required Courses/Recommended Electives	Work-Based Learning Opportunities
SECONDARY	9	Transportation 1	English I	Algebra I	Biology	World Geography	Foreign Language Business Ed	
	10	Transportation 2	Rhet & Comp., Speech	Geometry	Natural Science	World History		
	11	KEC AUTO I 1st semester (AMT 103) KEC AUTO I 2nd semester	2 Literature Courses	Algebra II	Chemistry	American History I & II	Foreign Language Business Ed Consumer Ed Related Electives. Skills USA (KEC)	
	12	KEC AUTO II 1st Semester (AMT 120) KEC AUTO II 2nd Semester (AMT 110)	Expos/ENG 103 (DC)	Pre-Calculus	Adv. Chemistry (DC) or Physics			
POSTSECONDARY	13 (Fall)	AMT 113 Basic Electrical AMT 202 Basic Engines					Career Opportunities: Automotive Technician	Degrees and Certificates Available: 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						
	14 (Fall)	AMT 210 Transmissions & Drivelines AMT 2 Vehicle Electronics AMT 216 Engine Performance II						
	14 (Spring)	AMT 213 Diagnosis and Testing AMT 220 Automatic Transmissions						
	15 (Fall)							
	15 (Spring)							
	16 (Fall)							
	16 (Spring)							

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