

## 2010 - 2011 Program of Study - Secondary

Submitted by CTPD Name: Maplewood Career Center

CTPD Number: 78

### Secondary Program Information

Career Field: Transportation Systems (TS)

School District Name: Maplewood Career Center

Pathway Name: Ground Transportation (TS)

School District IRN: 51391

Specialization Name (if applicable): \_\_\_\_\_

Building (location) Name: Maplewood Career Center

EMIS Subject Code: 173100

Building (location) IRN: 51409

Local Program Name: Power Equipment Mechanics

For JVSD only: specify grade level(s) and building location for associate schools component:

Grade		School Name	
Courses	4	Credits	14

Identify the # or range of **POTENTIAL** college courses and credits in the career field:

Required or Elective Academic Courses and Other Courses											Career and Technical Education Courses					
Grade	English	Code	Math	Code	Science	Code	Social Studies	Code	Course	Code	Course	Code	CTE Course	Code	CTE Course	Code
9	ENG 9	RA	ALG I	RA	PHYSICAL SCIENCE	RA	HISTORY I	RA	PHYSICAL EDUCATION	RA	COMPUTER Applications	RA CC				
10	ENG 10	RA	GEOMETRY	RA	FUND OF BIOLOGY/LAB	RA	HISTORY II	RA	PHYSICAL EDUCATION	RA	HEALTH	RA				
11	ENG III	RA	ALG I GEOMETRY ALG II BUSINESS MATH	RA CC	TECH SCIENCE/LAB	RA	SOCIAL STUDIES/GOVT	RA	BIOLOGY OR EARTH & SPACE SCIENCE	RE	INT ENG SPEECH, SPANISH I, ECONOMICS, SOCIOLOGY	RE	POWER EQUIPMENT MECHANICS	CC		
12	COMMUNICATIONS	RA	TECH MATH	RA	BIOLOGY OR EARTH & SPACE SCIENCE/LAB	RE	AMERICAN HISTORY, WORLD HISTORY, PSYCHOLOGY	RE	INT ENG, SPEECH, SPANISH I, ENG IV	RE	ALG I, GEOMETRY, ALG II, BUSINESS MATH	RE	POWER EQUIPMENT MECHANICS	CC		

Contact Person: Mr. Craig Morgan

Title: Career and Technical Director

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Date Completed: 4/19/2010

Specify Industry Credential Opportunities (if applicable):

**CODES** (use all that apply)

RA: Required Courses

RE: Recommended Electives

CT2: Eligible for CT2 Credit

\*CC: College Credit Opportunities based on articulation or dual/concurrent enrollment agreements in career field

## 2010 - 2011 Program of Study - Postsecondary Semesters

**Postsecondary Institution:** Stark State College of Technology  
**College Major: (if applicable)** General Motors ASEP **College Degree: (if applicable)** AAS  
**Specify Industry Credential Opportunities (if applicable):** \_\_\_\_\_

**Certificate, Adult and/or Apprenticeship Program: (if applicable)** \_\_\_\_\_

Secondary Program Name: Power Equipment Mech      Secondary School Name: Maplewood Career Center      District Name: Maplewood Career Center

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
<b>1st Sem.</b>	Auto Tech Skills AUT121	<b>RT CC</b>	Auto Systems & Engine Tech AUT 122	<b>RT CC</b>	Vehicle Chassis Systmes (GM-ASEP) AUT 124	<b>RT</b>	College Composition ENG 124	<b>RA</b>	Business Math BUS 123	<b>RA CC</b>	Engineering Tech Co-op (GM-ASEP) ETD 222	<b>RT</b>	Business Student Suuccess Seminar BUS 101	<b>RA</b>		
<b>2nd Sem.</b>	Engine Diag & Major Service (GM-ASEP) AUT 123	<b>RT</b>	Auto Electrical & Accessory Systems (GM-ASEP) AUT 125	<b>RT</b>	Business Administration BUS 121	<b>RA</b>	Financial Accounting ACC 121	<b>RA</b>	Engineering Tech Cp-op (GM-ASEP) ETD 222	<b>RT</b>						
<b>Summer Sem.</b>	Auto HVAC Systems (GM-ASEP) AUT 126	<b>RT</b>	Engineering Tech Co-op (GM-ASEP) ETD 222	<b>RT</b>												
<b>3rd Sem.</b>	Fuel & Emission Mgmt Systems (GM-ASEP) AUT 221	<b>RT</b>	Automotive Drivetrains I (GM-ASEP) AUT 225	<b>RT</b>	Automotive Drivetrains II (GM-ASEP) AUT 226	<b>RT</b>	Business Computer Applications BCA 120	<b>RA CC</b>	Engineering Tech Co-op (GM-ASEP) ETD 222	<b>RT</b>						
<b>4 th. Sem.</b>	Business Law and Ethics ACC 130	<b>RA TAG</b>	Composition & Literature ENG224	<b>RA</b>	Engine Systems Performance Diag. (GM-ASEP) AUT 222	<b>RT</b>	Advanced Automotive Electronics (GM-ASEP) AUT 223	<b>RT</b>	Computerized Vehicle Controls (GM-ASEP) AUT 227	<b>RT</b>	Engineering Tech Co-op (GM-ASEP) ETD 222	<b>RT</b>				

**Contact Person:** Randy Bennett  
**Title:** Dept Chair, Automotive Technology  
**Phone:** 330-494-6170 X4475  
**E-mail:** [rbennett@starkstate.edu](mailto:rbennett@starkstate.edu)

Page 2      Date Completed: 4/19/2010

**CODES** (use all that apply)

- RT:** Required Technical Courses      **CT2:** Eligible for CT2 Credit
- RA:** Other Required Courses      **TAG:** Eligible for TAG Credit
- RE:** Recommended Electives
- CC:** Other College Credit Opportunities (based on articulation or dual/concurrent enrollment agreements with partner high school)

## 2010 - 2011 Program of Study - Postsecondary Semesters

**Postsecondary Institution:** Stark State College of Technology  
**College Major: (if applicable)** Comprehensive Automotive      **College Degree: (if applicable)** AAS  
**Specify Industry Credential Opportunities (if applicable):** \_\_\_\_\_  
**Certificate, Adult and/or Apprenticeship Program: (if applicable)** \_\_\_\_\_  
 Secondary Program Name: Power Equipment      Secondary School Name: Maplewood Career Center      District Name: Maplewood Career Cent

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
<b>Year 1 1st Sem.</b>	Automotive Technical Skills AUT 121	RT CC	Automotive Systems & Engine Tech AUT 122	RT CC	Engine Diagnosis & Major Service AUT 123	RT	College Composition ENG 124	RA	Business Math BUS 123	RA CC	Business Student Success Seminar BUS 101	RA				
<b>Year 1 2nd Sem.</b>	Vehicle Chassis Systems AUT 124	RT	Automotive Electrical & Accessory Systems AUT 125	RT	Automotive HVAC Systems AUT 126	RT	Business Administration BUS 121	RA	Financial Accounting ACC 132	RA						
<b>Year 2 1st Sem.</b>	Fuel & Emissions Mgmt Systems AUT 221	RT	Computerized Vehicle Controls AUT 227	RT	Advanced Automotive Electronics AUT 223	RT	Engine Systems Performance Diagnosis AUT 222	RT	Micro-economics BUS 221	RA	Business Computer Applications BCA 120	RA CC				
<b>Year 2 2nd Sem.</b>	Automotive Drivetrains I AUT 225	RT	Automotive Drivetrains II AUT 226	RT	Automotive Diagnostics Applications AUT 233	RT	Alternative Fuels & Advanced Auto Tech AUT 427	RT	Composition & Literature ENG224	RA	Business Law & Ethics ACC 130	RA TAG				

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Page 3      Date Completed: 4/19/2010

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## 2010 - 2011 Program of Study - Postsecondary Semesters

**Postsecondary Institution:** Stark State College of Technology  
**College Major: (if applicable)** Automotive Collision Repair **College Degree: (if applicable)** AAS  
**Specify Industry Credential Opportunities (if applicable):** \_\_\_\_\_  
**Certificate, Adult and/or Apprenticeship Program: (if applicable)** \_\_\_\_\_  
**Secondary Program Name:** Power Equipment **Secondary School Name:** Maplewood Career Center **District Name:** Maplewood Career Cent

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
<b>Year 1 1st Sem.</b>	Automotive Technical Skills AUT 121	RT CC	Automotive Systems & Engine Tech AUT 122	RT CC	Engine Diagnosis & Major Service AUT 123	RT	College Composition ENG 124	RA	Business Math BUS 123	RA CC						
<b>Year 1 2nd Sem.</b>	Vehicle Chassis Systems AUT 124	RT	Automotive Electrical & Accessory Systems AUT 125	RT	Automotive HVAC Systems AUT 126	RT	Business Administration BUS 121	RA	Principles of Accounting I ACC 121	RA						
<b>Year 2 1st Sem.</b>	Fundamentals of Collision Repair AUT ---	RT	Collision Repair and Refinishing I AUT ---	RT	Non-Structural Analysis & Repair AUT ---	RT	Basic Economics BUS 122	RA	Business Computer Applications BCA 120	RA CC						
<b>Year 2 2nd Sem.</b>	Fuel & Emission Management AUT 221	RT	Computerized Vehicle Controls AUT 227	RT	Advanced Automotive Electronics AUT 223	RT	Engine System Performance Diagnosis AUT 222	RT	Technical Report Writing ENG 221	RA	Business Law & Ethics ACC 130	RA TAG				

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Page 4 Date Completed: 4/19/2010

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