

2010 - 2011 Program of Study - Secondary

Submitted by CTPD Name: Stark County Area JVS

CTPD Number: _____

Secondary Program Information

Career Field: Manufacturing Technologies (MT)

School District Name: Stark County Area JVS

Pathway Name: Manufacturing Production (MT)

School District IRN: 62026

Specialization Name (if applicable): Precision Machining

Building (location) Name: R.G. Drage CTC

EMIS Subject Code: 172302

Building (location) IRN: 62034

Local Program Name: Precision Machining Technology

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

Grade		School Name	
Courses		Credits	

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	English I	RA	Algebra or Geometry	RA	Science	RA	World History	RA	Health- 1/2 P.E.- 1/2	RA RA						
10	English II	RA	Algebra I, Geometry, or Algebra II	RA	Biology- Lab	RA	American History	RA								
11	English III	RA	Algebra II, Geometry, or Pre-Calc	RA	Chemistry- Lab	RA	Econ/Civics	RA	Personal Finance	RE			Precision Machining Lab 4	CC		
12	English IV	RA	Algebra II, Pre-Calc, or Trig.	RA	Physics- Lab	RA	Government/ American History	RA	Entrp. (DE) CAD	RE CC			Precision Machining Lab 3	CC		

Contact Person: John Walker Title: Supervisor Phone: 330-832-9856 E-mail: Jwalker@drage.stark.k12.oh.us Date Completed: 1/19/2010	Specify Industry Credential Opportunities (if applicable): FANUC - 3GPipe Welding Cert GG Nuclear/Pressure App Electrical, Mechanical, Machinist Certification Die Maker, Vessel Certification	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
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2010 - 2011 Program of Study - Postsecondary Semesters

Postsecondary Institution: Stark State College of Technology
College Major: (if applicable) Applied Industrial **College Degree: (if applicable)** AAS
 FANUC - 3G Pipe Welding Cert., GG Nuclear/Pressure App, Electrical, Mechanical, Machinist,

Specify Industry Credential Opportunities (if applicable): Die Maker, Vessel Cert

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

Secondary Program Name: Precision Maching **Secondary School Name:** R G Drage **District Name:** R G Drage JVS

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
Year 1 1st Sem.	Computer Apps for Technical Professionals ECA122 (3)	RT	Introduction to Algebra MTH101 (4)	RA	College Composition ENG124 (3)	RA	Material Science MET123 (2)	RT	Blueprint Reading MST121 (2)	RT CC	Engineering Tech Seminar ETD121 (1)	RT				
Year 1 2nd Sem.	College Algebra MTH125 (4)	RA	Trigonometry MTH128 (1)	RA	Hydraulic & Pneumatic Systems MST134 (6)	RT	Electrical Circuits & Devices EST130 (4)	RT	Industrial Management Concepts IET121 (3)	RT						
Year 2 1st Sem.	Technical Report Writing ENG221 (3)	RA	Physics I Phy121 (4)	RA TAG	Eff Speak or Inter-group Comm COM121/COM 123 (3)	RA TAG	Introduction to Robotics IET228 (2)	RT	Manufacturing Processes MET225 (3)	RT						
Year 2 2nd Sem.	Mechanical Drive Components MST221 (3)	RT	Arts/Humanities/ Social Science Elective	RE	Technical Electives (13)	RT	Principals of Welding MST127 (3)	RT CC	Welding Lab MST128 (3)	RT CC						

Contact Person: Don Ball
Director, Apprenticeship & Industrial Training
Title: (HVAC & Environmental)
Phone: 330-494-6170 x4470
E-mail: dball@starkstate.edu

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)

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