

2010 - 2011 Program of Study - Secondary

Submitted by CTPD Name: South Stark Career Academy

CTPD Number: 200115

Secondary Program Information

Career Field: Manufacturing Technologies (MT)

School District Name: Perry Local Schools

Pathway Name: Manufacturing Production (MT)

School District IRN: 49924

Specialization Name (if applicable): Electronics

Building (location) Name: Perry High School

EMIS Subject Code: 171503

Building (location) IRN: 29702

Local Program Name: Electrical/Electronics

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 9	RA	Trans. Algebra, Algebra I, Geometry	RA	Physical Science	RA	Social Studies	RA	Health- 1/2 P.E.- 1/2	RA RA						
10	English 10	RA	Algebra I, Geomerty, Algebra II	RA	Biology	RA	American Government	RA	Computer Apps 1/2 P.E.- 1/2	RA RA						
11	English 11 CP or AP	RA	Geomerty, Algebra II, or PreCalc	RA	(DE) Chem 121 LAB	CC	American History or American Government	RA RA					Electrical/ Electronics Lab I	CC		
12	English 12 CP or AP or ENG 124 College Comp (DE)	RA CC	Algebra II, PreCalc, or AP PreCalc	RA CC	(DE) Phy 121 LAB	RA CC	American Government	RA RE					Electrical/ Electronics Lab II	CC		

Contact Person: Jennifer Reese

Title: Career Technical Supervisor

Phone: 330-447-3486

E-mail: reesej@perryl.sparcc.org

Date Completed: 1/19/2010

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) Electrical Engineering College Degree: (if applicable) AAS

Specify Industry Credential Opportunities (if applicable): _____

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

Secondary Program Name: Perry Local Secondary School Name: Perry Local District Name: _____

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
Year 1 1st Sem.	Programming Logic and Problem Solving ECA127 (3)	RT	DC Circuit Analysis EET120 (4)	RT CC	Engineering Tech Seminar ETD121 (1)	RT	College Composition ENG124 (3)	RA	College Algebra MTH125 (4)	RA CC	Trigonometry MTH128 (1)	RA CC				
Year 1 2nd Sem.	AC Circuit Analysis EET122 (4)	RT CC	Electronic Devices & Circuits EET123 (4)	RT	Electrical Machines EET126 (4)	RT	Pre-Calculus MTH126 (4)	RT	Physics I PHY121 (4)	RA TAG CC						
Year 2 1st Sem.	Basic AutoCAD DET125 (3)	RT	NEC & Electrical Systems Design EET128 (2)	RT	Eff Speak or Inter-group Comm COM121/COM123 (3)	RA TAG	PLC's & Industrial Controls I EET227 (3)	RT	Concepts of Calculus MTH221 (3)	RA	Technical Report Writing ENG221 (3)	RA	Visual Basic Programming ECA128 (3)	RT		
Year 2 2nd Sem.	Transmission & Distribution EET226 (3)	RT	PLC's & Industrial Controls II EET228 (3)	RT	Industrial Electronics EET232 (4)	RT	Technical Project--Electrical EET233 (1)	RT	Arts/Humanities/Social Science Elective	RE	Optics EET129 (2)	RT	Circuit Manufacturing Techniques EET125 (1)	RT		

Contact Person: Ronald Capotosta
Title: Instructor, Electrical Maintenance
Phone: 330-494-6170 X4822
E-mail: rcapotosta@starkstate.edu

Page 2 Date Completed: 1/19/2010

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) Electronic Engineering College Degree: (if applicable) AAS

Specify Industry Credential Opportunities (if applicable): _____

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

Secondary Program Name: Perry Local Secondary School Name: Perry Local District Name: _____

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
Year 1 1st Sem.	Programming Logic and Problem Solving ECA127 (3)	RT	DC Circuit Analysis EET120 (4)	RT CC	Engineering Tech Seminar ETD121 (1)	RT	College Composition ENG124 (3)	RA	College Algebra MTH125 (4)	RA CC	Trigonometry MTH128 (1)	RA CC	Basic AutoCAD DET125 (3)	RT		
Year 1 2nd Sem.	Electronic Devices & Circuits EET123 (4)	RT	Circuit Manufacturing Techniques EET125 (1)	RT	Visual Basic Programming ECA128 (3)	RT	Pre-Calculus MTH126 (4)	RA	AC Circuit Analysis EET122 (4)	RT CC	Physics I PHY121 (4)	RA TAG CC				
Year 2 1st Sem.	Pulse & Digital Integrated Circuits EET262 (4)	RT	Optics EET129 (2)	RT	Workstation Interfacing EET248(4)	RT	Electronic Circuits I EET230 (4)	RT:	Concepts of Calculus MTH221 (3)	RT						
Year 2 2nd Sem.	Technical Report Writing ENG221 (3)	RA	Digital Communication & Systems Analysis EET225 (3)	RT	Industrial Electronics EET232 (4)	RT	Technical Project-- Electronic EET235 (3)	RT:	Eff Speak or Inter-group Comm COM121/CO M123 (3)	RA TAG	Arts/Hunanities/ Social Science Elective	RE				

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