

2010 - 2011 Program of Study - Secondary

Submitted by CTPD Name: Alliance City

CTPD Number: 89

Secondary Program Information

Career Field: Information Technology (IT)

School District Name: Alliance City Schools

Pathway Name: Information Services & Support (IT)

School District IRN: 43497

Specialization Name (if applicable): _____

Building (location) Name: Alliance High School

EMIS Subject Code: 140210

Building (location) IRN: 463

Local Program Name: Information Technology Support and Services

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

Grade		School Name	
Courses	7	Credits	17

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

Grade	Required or Elective Academic Courses and Other Courses									Career and Technical Education Courses						
	English	Code	Math	Code	Science	Code	Social Studies	Code	Course	Code	Course	Code	CTE Course	Code	CTE Course	Code
9	English 1	RA	Algebra 1	RA	Core 1	RA	Perspectives in History 1	RA	Foreign Language 1	RA	PE/Health	RA				
10	English 11	RA	Geometry	RA	Biology 1 W/Lab	RA	Perspectives in History 11	RA	Foreign Language 11	RA	Financial Management 1 & 11	RE				
11	English 111	RA	Algebra 11	RA	Biology 11 W/Lab	RA	Issues & Problems Economics	RA	Game Design Programming 1 & 11	RA	Web Site Design or Business	RE	Technology Support & Services 1	CC		
12	English 1V	RA	Pre-Calculus	RE	Chemistry W/Lab	RA	American Government	RA	Sociology or Business Today	RA			Technology Support & Services 11	CC		

Contact Person: Rob Gress

Title: Director of Secondary Education

Phone: 330.821.2100

E-mail: gress@acs.sparcc.org

Date Completed: 3/23/2010

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)* Management Information Systems

College Degree: *(if applicable)* AAS

Specify Industry Credential Opportunities *(if applicable)*: _____

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

Secondary Program Name: Information Technology

Secondary School Name: Alliance High School

District Name: Alliance City Schools

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
1st Sem.	Medical Terminology BIO 125	RA	Information Technology Seminar ITD 121	RA	Comp. App. For Tech. Prof. ECA 122	RA CC	Desktop, LAN & WAN Technologies ECA 144	RA	Internet/ Intranet Design & Development ECA 228	RA	College Composition ENG 124					
2nd Sem.	Effective Speaking COM 121	RA TAG	Planning, Designing, & Implementing an Imaging System ECA 143	RA	MCAS: Using Microsoft Office ECA 147	RA CC	Microsoft Excel: Analyzing Data to Make Better Decisions ECA 148	RA CC	Data Modeling & Database Design ECA 253							
Summer	Technical Report Writing ENG 221	RA	Statistics MTH 222	RA	Arts/ Humanities/ Social Science Elective	RE										
3rd Sem.	Informatics ECA 150	RA	Microsoft Access: Designing Robust Applications ECA 152	RA CC	MCTS: Managing Projects with Microsoft Project ECA 255	RA	Generating Reports for Decision Making ECA 265	RA	Arts/ Humanities/ Social Science Elective	RE						
4th Sem.	MCAS: Using Microsoft Vista, Outlook, & Publisher ECA 294	RA	IT Project Management ECA 264	RA	Advanced Informatics ECA 280	RA	Information Technology Capstone ECA 292	RA	Healthcare Delivery in the US HIT 230	RA						

Contact Person: Larry Ray

Title: Department Chair

Phone: 330.966.5461 x 4918

E-mail: lray@starkstate.edu

POTENTIAL number or range of college credits available to secondary pathway

Date Completed: 3/23/2010

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) Accounting Technology
Computer Information College Degree: (if applicable) AAB

Specify Industry Credential Opportunities (if applicable): _____

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

Secondary Program Name: Information Technology Secondary School Name: Alliance High School District Name: Alliance City Schools

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
1st Sem.	Business Student Success Seminar BUS 101	RA	College Composition ENG 124	RA	Business Math BUS 123	RA	Business Administration BUS 121	RA	Financial Accounting ACC 132	RA	Quantitative Business Statistics ACC 127	RA				
2nd Sem.	Business Communication ENG 230	RA	Comp. App. For Tech. Prof. ECA 122	RA CC	Intermediate Accounting I ACC 221	RA	Managerial Accounting ACC 133	RA	Micro-economics BUS 221	RA						
3rd Sem.	Effective Speaking COM 121	RA TAG	Business Taxation ACC 228	RA	Computerized Accounting Applications ACC 229	RA	Microsoft Excel: Analyzing Data to Make Better Decisions ECA 148	RA CC	Accounting Elective I	RE						
4th Sem.	Socail Science Elective	RE	Auditing ACC 237 or Fraud Examination ACC 237	RA RA	Microsoft Access: Developing Robust Applications ECA 152	RA CC	Accounting Elective II	RE	Business Law & Ethics ACC 130	RA						

Contact Person: Donald Mullen
Title: Department Chair
Phone: 330.494.6170 x 4037
E-mail: dmullen@starkstate.edu

POTENTIAL number or range of college credits available to secondary pathway students

Date Completed: 3/23/2010

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) Cyber Security & Computer Forensics College Degree: (if applicable) AAS

Specify Industry Credential Opportunities (if applicable): _____

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

Secondary Program Name: Information Technology Support & Services

Secondary School Name: Alliance High School

District Name: Alliance City Schools

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
1st Semester	Comp. App. For Tech. Prof. ECA 122		Programming Logic & Problem Solving ECA 127		PC Upgrading & Maintenance ECA 145		Intro to Comp Networking ECA 146		College Algebra MTH 125							
2nd Semester	Princ. Of Information Security ECA 136		Comp. Crime & Investigation ECA 137		UNIX/LINUX Operating Environment ECA 227		College Composition ENG 124		Pre-Calculus MTH 126							
3rd Semester	Effective Speaking COM 121		Composition & Literature ENG 224													
4th Semester	Cyrtography ECA 129		CCNA Phase I ECA 134		CCNA Phase II ECA 135		File Systems Analysis ECA 257		UNIX/LINUX Forensics ECA 286		Physical Science Elective					
5th Semester	Forensic Acc. & Fraud		Cyber Law & Ethics		Diaster Recover & Incident		Cyber Forensics & Data Recovery		Ethical Hacking ECA 275		Firewall & Network Security					

Contact Person: _____
Title: _____
Phone: _____
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CC: Other College Credit Opportunities (based on articulation or dual/concurrent enrollment agreements with partner high school)

POTENTIAL number or range of college credits available to secondary pathway

Date Completed: 3/23/2010

2010 - 2011 Program of Study - Postsecondary Semesters

Postsecondary Institution: Stark State College of Technology

College Major: (if applicable) Computer Science & Engineering College Degree: (if applicable) AAS

Specify Industry Credential Opportunities (if applicable): _____

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

Secondary Program Name: Information Technology Support & Services

Secondary School Name: Alliance High School

District Name: Alliance City Schools

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
1st Sem.	Information Technology Seminar IDT 121		Comp. App. For Tech. Prof. ECA 122		Programming Logic & Problem Solving ECA 127		Internet/Intranet Design & development ECA 228		Data Modeling & Database Design ECA 253		College Composition ENG 124					
2nd Sem.	Visual Basic Development ECA 128		C++ Programming ECA 222		Java Programming ECA 223		Active Server Page Development ECA 229		College Algebra MTH 125							
Summer	Effective Speaking COM 121		Technical Report Writing ENG 221		Arts/ Humanities/ Social Science Electives											
3rd Sem.	Java Web Database Programming ECA 230		Soft. Eng. For Hand-Held Devices ECA 260		Soft. Eng. For Robotics ECA 261		Pre-Calculus MTH 126		Trig. MTH 128							
4th Sem.	Technical Elective		Windows Programming with C ECA 226		Adv. Java Programming ECA 239		Technical Elective		Physics I PHY 121							

Contact Person: _____
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2010 - 2011 Program of Study - Postsecondary Semesters

Postsecondary Institution: Stark State College of Technology

College Major: (if applicable) Computer Engineering College Degree: (if applicable) AAS

Specify Industry Credential Opportunities (if applicable): _____

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

Secondary Program Name: Information Technology Support & Services

Secondary School Name: Alliance High School

District Name: Alliance City Schools

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
1st Sem.	Information Technology Seminar ITD 121		Comp. App. For Tech. Prof. ECA 122		Programming Logic & Problem Solving ECA 127		Data Modeling & Database Design ECA 253		College Composition ENG 124		Electrical Circuits & Devices EST 130					
2nd Sem.	Effective Speaking COM 121		Visual Basic Development ECA 128		Java Programming ECA 223		Electronic Devices & Circuits EET 123		College Algebra MTH 125							
Summer	Technical Report Writing ENG 221		Arts/ Humanities/ Socail Science Elective		Arts/ Humanities/ Socail Science Elective											
3rd Sem.	Assembly Lang. Programming ECA 227		Technical Elective		PLC's & Industrail Controls I EET 227		Pre-Calc. MTH 126		Trig. MTH 128							
4th Sem.	Technical Elective		Pluse & Digital Integrated Circuits EET 262		Concepts of Calculus MTH 221		Physics I PHY 121									

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2010 - 2011 Program of Study - Postsecondary Semesters

Postsecondary Institution: Stark State College of Technology

College Major: (if applicable) Management Information Systems College Degree: (if applicable) AAS

Specify Industry Credential Opportunities (if applicable): _____

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

Secondary Program Name: Information Technology Support & Services

Secondary School Name: Alliance High School

District Name: Alliance City Schools

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
1st Sem.	Information Technology Seminar ITD 121	RT	Comp. App. For Tech. Prof. ECA 122	RT CC	Help Desk & Comp. Support Concepts ECA 132	CC	Desktop, LAN, & WAN Technologies ECA 144		Internet/ Intranet Design & Development ECA 228	RT	Data Modeling & Database Design ECA 253	RT				
2nd Sem.	MCAS: Using Microsoft Office ECA 147	RT CC	Microsoft Excel ECA 148	RT CC	Microsoft Access ECA 152	RT CC	MCTS: Managing Projects with Microsoft Project ECA 255	RT	College Composition ENG 124	RA						
Summer	Effective Speaking COM 121	RA TAG	Statistics MTH 222	RA	Arts/ Humanities/ Socail Science Elective	RA										
3rd Sem.	Business Administration BUS 121	RA	MCAS: Using Microsoft Vista, Outlook, Publisher ECA 294	RT	Technical Report Writing ENG 221	RA	Technical Elective (3 credits)	RT	Arts/ Humanities/ Socail Science Elective							
4th Sem.	Generating Reports for Decision Making ECA 265	RA	MCAP: Developing Cross-Functional Skills ECA 293	RT	IT Project Management ECA 264	RT	Technical Elective (3 credits)	RT								

Contact Person: Larry Ray
Title: Department Chair
Phone: 330.966.5461 x 4918
E-mail: lray@starkstate.edu

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2010 - 2011 Program of Study - Postsecondary Semesters

Postsecondary Institution: Stark State College of Technology

College Major: (if applicable) Comp. Network Admin. & Security College Degree: (if applicable) AAS

Specify Industry Credential Opportunities (if applicable): _____

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

Secondary Program Name: Information Technology Support & Services Secondary School Name: Alliance High School District Name: Alliance City Schools

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
1st Sem.	Comp. App. For Tech. Prof. ECA 122		Programming Logic & Problem Solving ECA 127		PC Upgrading & Maintenance ECA 145		Intro to Computer Networking ECA 146		College Algebra MTH 125							
2nd Sem.	MS Windows Vista & 2003 Server ECA 131		CCNA Phase I ECA 134		CCNA Phase II ECA 135		Microsoft Wind. Server 2003 Network Infrastructure ECA 244		UNIX/LINUX Operating Environment ECA 277		Pre-Calc. MTH 126					
3rd Sem.	College Composition ENG 124		Arts/ Humanities/ Socail Science Elective													
4th Sem.	Effective Speaking COM 121		MS SQL Server Admin ECA 273		UNIX/LINUX Network Admin. ECA 276		Physical Science Elective		Must pick one: ECA 299, ECA 250, ECA 274, ECA 254, ECA 284							
5th sem.	Designing Security for a Windows 2003 Network ECA 245		Implementing, Administering & Designing Directory Services ECA 246		Firewall & Network Security ECA 278		Web Server Administration ECA 279		Composition & Literature ENG 224							

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