

2011 - 2012 Program of Study - Secondary

Submitted by CTPD Name: Stark County Area JVS

CTPD Number: 094

Secondary Program Information

Career Field: Information Technology (ITT)

School District Name: Stark County Area JVS

Pathway Name: Network Systems

School District IRN: 062026

Specialization Name (if applicable): _____

Building (location) Name: Fairless High School

EMIS Subject Code: 140220

Building (location) IRN: 011171

Local Program Name: Cisco Computer Networking

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

Grade		School Name	
Courses	8	Credits	22

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 I	RA	Science	RA	World History	RA	Health/PE	RA	Keyboarding, Applied Computers	RE				
10	English II	RA	Algebra I or Geometry	RA	Biology/Lab	RA	American History	RA	PE	RE	Computer Science	RE				
11	English III	RA	Algebra II	RA	Chemistry/Lab	RA	American History/ Government	RA					Cisco Lab	CC CT2		
12	English IV	RA	Pre-Calc	RA	Physics/Lab	RA	Government or Economics	RA					Cisco Lab	CC CT2		

Contact Person: John Walker

Title: Supervisor-Staff & Curriculum

Phone: 330-832-9856

E-mail: jwalker@drage.stark.k12.oh.us

Date Completed: 2/23/11

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

2011 - 2012 Program of Study - Postsecondary Semesters

Postsecondary Institution: Stark State College
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: Cisco **Secondary School Name:** Fairless High School **District Name:** Stark County Area JVS

	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	RT CC	PC Upgrading & Maintenance ECA 145	RT CC	Cryptography ECA129	RT	Intro to Computer Networking ECA 146	RT CC	College Algebra MTH 125	RA CC						
2nd Sem.	MS Client Operating System ECA 131	RT	CCNA Phase I ECA 134	RT CC	CCNA Phase II ECA 135	RT CC	Microsoft Networking I ECA 244	RT	UNIX/LINUX Operating Environment ECA 277	RT	Pre-Calc. MTH 126	RA				
3rd Sem.	College Composition ENG 124	RA	Arts/ Humanities/ Social Science Elective	RE												
4th Sem.	Effective Speaking COM 121	RA TAG	MS SQL Server Admin ECA 273	RT	UNIX/LINUX Network Admin. ECA 276	RT	Physical Science Elective	RE	Must pick one: ECA 299, ECA 250, ECA 274, ECA 254, ECA 284	RT						
5th sem.	Microsoft Networking II ECA 245	RT	Microsoft Networking II ECA 246	RT	Firewall & Network Security ECA 278	RT	Web Server Administration ECA 279	RT	Composition II ENG 231	RA						

Contact Person: Gabriela Rosu
Title: Dept Chair/ Instructor Information Technologies
Phone: 330-494-6170 X4111
E-mail: grosu@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)

2011 - 2012 Program of Study - Postsecondary Semesters

Postsecondary Institution: Stark State College

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

Specify Industry Credential Opportunities (if applicable): _____

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

Secondary Program Name: Cisco CompNetworking Secondary School Name: Fairless High School District Name: Stark County Area JVS

	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	RA CC	Programming Logic & Problem Solving ECA 127	RT	PC Upgrading & Maintenance ECA 145	RT CC	Intro to Comp Networking ECA 146	RA CC	White Collar Crimes ECA 175	RT						
2nd Semester	Cryptography ECA 129	RT	Comp. Crime & Investigation ECA 137	RT	UNIX/LINUX Operating Environment ECA 227	RT	Cyberlaw & Ethics ACC236	RA	College Composition ENG 124	RA						
3rd Semester	Effective Speaking COM 121	RA TAG	File Systems Analysis ECA 257	RT	College Algebra MTH 125	RA CC										
4th Semester	Cyber Forensics & Data Recovery ECA 258	RT	Online Investigative Resources ECA 176	RT	Pre-Calculus MTH 126	RA	Composition II ENG231	RA	Physical Science Elective	RE						
5th Semester	Forensic Acc. & Fraud Investigation ACC 235	RT	Ethical Hacking ECA 275	RT	Digital Media Forensics ECA 300	RT	Advanced Digital Media Forensics ECA 301	RT	UNIX/LIUNIX Forensics ECA 286	RT						

Contact Person: Gabriela Rosu
Title: Dept Chair/ Instructor Infromation Technologies
Phone: 330-494-6170 X4111
E-mail: grosu@starkstate.edu

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

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)

2011 - 2012 Program of Study - Postsecondary Semesters

Postsecondary Institution: Stark State College

College Major: (if applicable) Comp. Network Admin. & Security- UNIX/LINUX College Degree: (if applicable) AAS

Specify Industry Credential Opportunities (if applicable): _____

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

Secondary Program Name: Cisco CompNetworking Secondary School Name: Jackson High School District Name: Jackson Local 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	RA CC	PC Upgrading & Maintenance ECA 145	RT CC	Cryptography ECA129	RT	Intro to Computer Networking ECA 146	RT CC	College Algebra MTH 125	RA CC						
2nd Sem.	Oracle Database: Intro to SQL ECA142	RT	Database Design & Modeling ECA253	RT	UNIX/LINUX Operating Environment ECA 277	RT	College Composition ENG 124	RA	Pre-Calc. MTH 126	RA						
3rd Sem.	College Composition II ENG231	RA	Physical Science	RA												
4th Sem.	Microsoft Client Operating System ECA131	RT	UNIX/LINUX Forensics ECA286	RT	UNIX/LIUNIX Shell Scripting ECA254	RT	Oracle Database: Architecture & Admin ECA270	RT	UNIX/LIUNIX System Admin ECA274	RT	UNIX/LIUNIX Network Admin ECA276	RT				
5th sem.	Effective Speaking COM 121	RA TAG	Oracle Database 10g: Architecture & Administration ECA271	RT	Pick One: ECA273 or ECA127	RT CC	Web Server Administration ECA279	RT	Arts/ Humanities/ Social Science Elective	RE						

Contact Person: Gabriela Rosu
Title: Dept Chair/Instructor Information Technologies
Phone: 330-494-6170 X4111
E-mail: grosu@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)

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

Date Completed: 3/23/2010

2011 - 2012 Program of Study - Postsecondary Semesters

Postsecondary Institution: Stark State College

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: Cisco CompNetworking Secondary School Name: Fairless High School District Name: Stark County Area JVS

	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	RA	Programming Logic & Problem Solving ECA 127	RT	PC Upgrading & Maintence ECA 145	RT CC	Intro to Comp Networking ECA 146	RT CC	College Algebra MTH 125	RA CC						
2nd Semester	Princ. Of Information Security ECA 136	RT	Comp. Crime & Investigation ECA 137	RT	UNIX/LINUX Operating Environment ECA 227	RT	College Composition ENG 124	RA	Pre-Calculus MTH 126	RA						
3rd Semester	Effective Speaking COM 121	RA TAG	Composition II ENG231	RA												
4th Semester	Cyrtography ECA 129	RA	CCNA Phase I ECA 134	RT CC	CCNA Phase II ECA 135	RT CC	File Systems Analysis ECA 257	RT	UNIX/LINUX Forensics ECA 286	RT	Physical Science Elective	RE				
5th Semester	Forensic Acc. & Fraud Investigation ACC 235	RT	Cyber Law & Ethics ACC 236	RT	Disater Recover & Incident Planning ECA 256	RT	Cyber Forensics & Data Recovery ECA 258	RT	Ethical Hacking ECA 275	RT	Firewall & Network Security ECA 278	RT				

Contact Person: Gabriela Rosu

Title: Dept Chair/ Instructor Information Technologies

Phone: 330-494-6170 X4111

E-mail: grosu@starkstate.edu

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

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)

2011 - 2012 Program of Study - Postsecondary Semesters

Postsecondary Institution: Stark State College

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

Specify Industry Credential Opportunities (if applicable): _____

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

Secondary Program Name: _____ Secondary School Name: Fairless High School District Name: Stark County Area JVS

	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	RT CC	Programming Logic & Problem Solving ECA 127	RT	PC Upgrading & Maintenance ECA 145	RT CC	Intro to Computer Networking ECA 146	RT CC	College Algebra MTH 125	RA CC						
2nd Sem.	MS Windows Vista & 2003 Server ECA 131	TR	CCNA Phase I ECA 134	RT CC	CCNA Phase II ECA 135	RT CC	UNIX/LINUX Operating Environment ECA 277	RT	College Composition ENG 124	RA						
3rd Sem.	College Composition II ENG231	RA	Arts/ Humanities/ Social Science Elective	RE	Pre-Calc. MTH 126	RA										
4th Sem.	CCNA Phase III & IV ECA250	RA CT2	Microsoft Wind. Server 2003 Network Infrastructure ECA 244	RT	Physical Science Elective	RE	Voice over IP Fundamentals ECA284	RT								
5th sem.	Effective Speaking COM 121	RT TAG	Cisco IP Telephony ECA285	RT	Securing Networks w/ Switches & Routers ECA295	RT	Firewall & Network Security ECA 278	RT	Technical Elective	RE						

Contact Person: Gabriela Rosu
Title: Dept. Chair/Instructor Information Technologies
Phone: 330-494-6170 X4111
E-mail: grosu@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)