

## 2011 - 2012 Program of Study - Secondary

Submitted by CTPD Name: Akron City Schools

CTPD Number: 95

### Secondary Program Information

Career Field: Information Technology (IT)

School District Name: Akron City Schools

Pathway Name: Interactive Media (IT)

School District IRN: 043489

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

Building (location) Name: Firestone High School

EMIS Subject Code: 140240

Building (location) IRN: 011692

Local Program Name: Information Technology Interactive Media

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

Grade		School Name	
Courses	6	Credits	18

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/Language Arts I	RA	Algebra I	RA	Physical Science	RA	World History	RA					Information Tech I Introduction	RA CC		
10	English/Language Arts II	RA	Geometry	RA	Biochemical Systems/Lab	RA	U.S. History	RA					Information Tech II Exploration	RA CC		
11	English/Language Arts III	RA	Algebra II/ Trig	RA	Chemistry/Lab	RA	Economica/ American Government	RA	Health	RA			Information Tech III Exploration	RA CC		
12	English/Language Arts IV	RA	Pre-Calculus	RE	Microbiology	RE			Physical Ed I	RA	Physical Ed II	RA	Information Tech Interactive Media	RA CC	Information Tech Informative Media	RA CC

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**Date Completed:** 4/19/2011

**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) Web Design & Development- Web Design College Degree: (if applicable) AAS

Specify Industry Credential Opportunities (if applicable): \_\_\_\_\_

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

Secondary Program Name: Interactive Media Secondary School Name: Firestone High School District Name: Akron City Schools

	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code	Course	Code
<b>1st Sem.</b>	Info Tech Seminar ITD121	RA	Comp App for Tech Prof ECA122	RA CC	Programming Logic & Problem Solving ECA127	RT	Internet/ Intranet Design & Development ECA228	RT CC	Data Modeling & Database Design ECA253	RT	Web Design: Accessibility & Usability ECA158	RT	Web Design: Ethics ECA160	RT	Web Design: Media Elements ECA161	RT
<b>2nd Sem.</b>	Web Graphics Design ECA138	RT CC	Web Design with Dreamweaver ECA154	RT CC	Flash Animation & Design ECA155	RT CC	Microsoft Expression Studio ECA290	RT	College Composition ENG124	RA						
<b>Summer</b>	Effective Speaking COM121	RA TAG	Statistics MTH222	RA	Arts/ Humanities/ Social Science Elective	RE										
<b>3rd Sem.</b>	Microsoft SQL Server Database ECA139	RT	Advanced Cascading Style Sheets ECA234	RT	Advanced Flash Animation & Design ECA267	RT	Entrepreneurship ENT120	RA	College Algebra MTH125	RA						
<b>4th Sem.</b>	Search Engine Optimization ECA266	RT	Entrepreneurial Marketing ENT121	RA	Technical Elective	RT	Technical Elective	RT	Technical Elective	RT						

**Contact Person:** Larry Ray

**Title:** Dept Chair/Asst Professor of Information Technologies

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**E-mail:** [lray@starkstate.edu](mailto:lray@starkstate.edu)

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

Date Completed: 4/19/2011

**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

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

Secondary Program Name: Interactive Media Secondary School Name: Firestone High School District Name: Akron City Schools

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<b>1st Sem.</b>	Info Tech Seminar ITD121	RT	Comp App for Tech Prof ECA122	RT CC	Programming Logic & Problem Solving ECA127	RT	Internet/ Intranet Design & Development ECA228	RT CC	Data Modeling & Database Design ECA253	RT	College Composition ENG124					
<b>2nd Sem.</b>	Visual Basic Development ECA128	RT	Web Graphics Design ECA138	RT CC	Microsoft SQL Server Database ECA139	RT	Web Development w/ JavaScript & AJAX ECA225	RT	College Algebra MTH125	RA						
<b>Summer</b>	Effective Speaking COM121	RA TAG	Statistics MTH222	RA	Arts/ Humanities/ Social Science Elective	RE										
<b>3rd Sem.</b>	Active Server Page Development ECA229	RT	Advanced Cascading Style Sheets ECA234	RT	Web Development w/ PHP & MySQL ECA236	RT	Entrepreneurship ENT120	RT	Search Engine Optimization ECA266	RA						
<b>4th Sem.</b>	Technical Elective	RT	Technical Elective	RT	Advanced Active Server Page Development ECA296	RT	Entrepreneurial Marketing ENT121	RA	Technical Elective	RT						

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