

2011 - 2012 Program of Study - Secondary

Submitted by CTPD Name: Portage Lakes JVSD

CTPD Number: 200098

Secondary Program Information

Career Field: Information Technology (ITT)

School District Name: Portage Lakes JVSD

Pathway Name: Programming & Software Development

School District IRN: 063495

Specialization Name (if applicable): _____

Building (location) Name: Portage Lakes Career Center

EMIS Subject Code: 140230

Building (location) IRN: 063503

Local Program Name: Programming & Software Development

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

Grade	9 & 10	School Name	Coventry, Green, Manchester or Springfield
Courses	2	Credits	6

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 (1)	RA	Integrated Alg or Geometry (1)	RA	Physical Science (1)	RA	World History (1)	RA	Physical Education & Heath (1)	RA	Foreign Language (1)	RE	Computer Applications (1)	RE		
10	English 10 (1)	RA	Geometry or Algebra I (1)	RA	Biology/Lab (1)	RA	American Studies (1)	RA	Fine Arts (1)	RA	Foreign Language (1)	RE	Intro to Business Services (1)	RE		
11	English 11 (1)	RA	Algebra I or Advanced Math (1)	RA	Integrated Science (1)	RA	Economics (1)	RA					Programming and Software Development	CC	Programming and Software Development	CC
12	English 12 (1)	RA	Algebra II or College Alg (1)	RA	Physics/Lab (1)	RA	Senior Government (1)	RA					Programming and Software Development	CC	Programming and Software Development	CC

Contact Person: Benjamin Moore

Title: Director of Curriculum and Post-Secondary Ed

Phone: 330-896-8290

E-mail: bmoore@plcc.edu

Date Completed: 5/2/11

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) 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: Programming & Softwar Secondary School Name: Portage Lakes Career Center District Name: Portage Lakes JVSD

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

Contact Person: Larry Ray
Title: Department Chair
Phone: 330-966-5461 X4918
E-mail: lray@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) 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: Programming & Softw Secondary School Name: Portage Lakes Career Center District Name: Portage Lakes JVSD

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1st Sem.	Information Technology Seminar ITD 121	RT	Comp. App. For Tech. Prof. ECA 122	RT	Help Desk & Comp. Support Concepts ECA 132	RT	Desktop, LAN, & WAN Technologies ECA 144	RT	Internet/ Intranet Design & Development ECA 228	RT CC	Data Modeling & Database Design ECA 253	RT				
2nd Sem.	MCAS: Using Microsoft Office ECA 147	RT	Microsoft Excel ECA 148	RT	Microsoft Access ECA 152	RT	MCTS: Managing Projects with Microsoft Project ECA 255	RT	College Composition ENG 124	RA						
Summer	Effective Speaking COM 121	RT TAG	Statistics MTH 222	RA	Arts/ Humanities/ Social 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	RE						
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 X4918

E-mail: lray@starkstate.edu

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CODES (use all that apply)

RT: Required Technical Courses **CT2:** Eligible for CT2 Credit

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