



- ❖ Ottawa will accept up to 80 hours of community college credits toward a degree. Any credit that JCCC applies toward its associate degree is accepted at OUKC up to a maximum of 80 credits.
- ❖ In order to graduate from Ottawa University-Kansas City (OUKC), a student must have 128 semester credits, 48 of which must be upper-division, and a minimum of 24 credits must be taken at OUKC.
- ❖ Each student is required to take at least three courses (12 credits) in the major and complete the Liberal Arts Core (12 credits) at OUKC.
- ❖ The only exception is in ITS. Up to 16 credits of designated upper-division courses will be accepted from JCCC. This latter policy will be in place through the current academic year. On July 1, 2010, transfer requirements are changing. Up to 80 credits will be accepted, but OUKC will no longer count courses as upper-division. OUKC is instituting a distribution requirement but that will also take place for students beginning the program after July 1, 2010.
- ❖ Many of the courses listed on this sheet may have one or more prerequisites. Check with a JCCC counselor or access the catalog online at [www.jccc.edu](http://www.jccc.edu) for additional information.

**Ottawa University-Kansas City Requirements****JCCC Equivalent**

<b>I. <u>Liberal Arts Sequence (12 hours)</u></b>	No equivalent (must be completed at OUKC)																																				
<b>II. <u>Technical Core</u></b> <b>(15 cr. hr. min.; at least one course from each area)</b> <p>A. Intro to Information Technology</p> <p>B. Programming</p> <p>C. Database</p> <p>D. Operating Systems</p> <p>E. Networking</p>	<table> <tbody> <tr> <td>___ CIS 124</td> <td>Intro to Computing Concepts and Applications</td> <td>3</td> </tr> <tr> <td>___ GPCA 128</td> <td>Personal Computer Applications</td> <td>3</td> </tr> <tr> <td>___ CIS 134</td> <td>Programming Fundamentals</td> <td>4</td> </tr> <tr> <td>___ CIS 201</td> <td>Intro to Information Systems</td> <td>3</td> </tr> <tr> <td>___ CIS 162</td> <td>Database Programming</td> <td>4</td> </tr> <tr> <td>___ CIS 260</td> <td>Database Management</td> <td>4</td> </tr> <tr> <td>___ CIS 204</td> <td>UNIX Operating System</td> <td>3</td> </tr> <tr> <td>___ CIS 258</td> <td>Operating Systems</td> <td>3</td> </tr> <tr> <td>___ ELEC 126</td> <td>Microcomputer A+ Prep</td> <td>4</td> </tr> <tr> <td>___ ELEC 250</td> <td>Microcomputer Maintenance</td> <td>3</td> </tr> <tr> <td>___ IT 200</td> <td>Networking Technologies</td> <td>3</td> </tr> <tr> <td>___ ELEC 185</td> <td>LAN Cabling &amp; Installation</td> <td>3</td> </tr> </tbody> </table>	___ CIS 124	Intro to Computing Concepts and Applications	3	___ GPCA 128	Personal Computer Applications	3	___ CIS 134	Programming Fundamentals	4	___ CIS 201	Intro to Information Systems	3	___ CIS 162	Database Programming	4	___ CIS 260	Database Management	4	___ CIS 204	UNIX Operating System	3	___ CIS 258	Operating Systems	3	___ ELEC 126	Microcomputer A+ Prep	4	___ ELEC 250	Microcomputer Maintenance	3	___ IT 200	Networking Technologies	3	___ ELEC 185	LAN Cabling & Installation	3
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<b>III. <u>Technical Specialty</u></b> Ottawa University will accept a total of 20 credit hours from one or more of the following areas: <p>A. Programming</p> <p>B. Networking</p> <p>C. Database</p> <p>D. Operating Systems</p>	<p>A. <u>Programming:</u></p> <p>1. <u>C++</u></p> <table> <tbody> <tr> <td>___ CS 200</td> <td>Concepts of Programming Algorithms using C++</td> <td>4</td> </tr> <tr> <td>___ CIS 235</td> <td>Object-Oriented Programming using C++</td> <td>4</td> </tr> <tr> <td>___ CS 250</td> <td>Basic Data Structures using C++</td> <td>4</td> </tr> <tr> <td>___ CIS 269</td> <td>GUI Programming</td> <td>4</td> </tr> <tr> <td>___ CIS 279</td> <td>Enterprise GUI Programming in C++</td> <td>4</td> </tr> </tbody> </table> <p>2. <u>Java</u></p> <table> <tbody> <tr> <td>___ CS 205</td> <td>Concepts of Programming Algorithms using Java</td> <td>4</td> </tr> <tr> <td>___ CS 255</td> <td>Basic Data Structures using Java</td> <td>4</td> </tr> <tr> <td>___ CIS 240</td> <td>Advanced Topics in Java I</td> <td>4</td> </tr> <tr> <td>___ CIS 280</td> <td>Advanced Topics in Java II</td> <td>4</td> </tr> </tbody> </table>	___ CS 200	Concepts of Programming Algorithms using C++	4	___ CIS 235	Object-Oriented Programming using C++	4	___ CS 250	Basic Data Structures using C++	4	___ CIS 269	GUI Programming	4	___ CIS 279	Enterprise GUI Programming in C++	4	___ CS 205	Concepts of Programming Algorithms using Java	4	___ CS 255	Basic Data Structures using Java	4	___ CIS 240	Advanced Topics in Java I	4	___ CIS 280	Advanced Topics in Java II	4									
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**JCCC Equivalents**

**III. Technical Specialty (continued)**

Programming (continued):

3. Visual Basic

___	CIS	138	Visual Basic.NET	4
___	CIS	238	Visual Basic Intermediate Topics	4

4. C#

___	CS	201	Concepts of Programming Algorithms using C#	4
___	CIS	244	Advanced Topics in C# I	4

5. Web-enabled

___	CIS	275	Web-enabled Database Programming	4
___	CIS	277	Active Server Pages.NET	4

6. PERL

___	CIS	206	Programming in PERL	4
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B. Networking:

1. Windows

___	IT	205	Implementing Windows Client	3
___	IT	221	Windows Server	3
___	IT	225	Windows Active Directory Services	3
___	IT	227	SQL Server Administration	3
___	IT	228	Exchange Server	3
___	IT	245	Network Infrastructure	3

2. UNIX

___	IT	230	UNIX Fundamentals	3
___	IT	231	UNIX Administration	3
___	IT	232	UNIX Networking	4

3. CISCO

___	IT	246	Introduction to Routers	3
___	IT	247	Accessing Wide-Area Networks	3
___	IT	249	Advanced Routing	3
___	IT	250	Networking Seminar	3
___	IT	251	Network Security Fundamentals	4
___	IT	252	Firewall Security	4
___	IT	253	Advanced Switching	3
___	IT	254	Remote Access Networks	3

4. VOIP

___	IT	203	Voice Over IP Fundamentals	4
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5. Wireless

___	ELEC	195	Intro to Wireless LANs	3
___	IT	255	Wireless Security	4

C. Database:

___	CIS	260	Database Management	4
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D. Operating Systems:

___	CIS	254	UNIX System Administration	4
___	CIS	258	Operating Systems	3

**Ottawa University-Kansas City Requirements****JCCC Equivalents**

<p><b>IV. Organizational Core</b></p> <p>Behavior in Organizations</p> <p>Management</p> <p>Interpersonal Communications</p> <p>Business Communications</p> <p>Business Ethics</p>	<p>___ PSYC 200 Industrial &amp; Organizational Psychology 3</p> <p>___ BUS 141 Principles of Management 3</p> <p>___ SPD 120 Interpersonal Communications 3</p> <p>___ BUS 150 Business Communications 3</p> <p>No Equivalent</p>
<p><b>V. Technical Architecture</b></p> <p>Systems Design</p>	<p>___ CIS 242 Introduction to System Design/Analysis 3</p> <p>___ CIS 243 Object-Oriented Analysis/Design 4</p>
<p><b>VI. Capstone</b></p> <p>Methodologies of Project Development</p>	<p>___ CIS 262 Project Management 3</p> <p>___ CIS 264 Application Development &amp; Programming 4</p> <p><u>Note:</u> CIS 262 and 264 will not satisfy the capstone requirement, but provide good preparation.</p>