

CMSC Courses Software 2018-2019 (Suggested List)

Course	Software	NOTES
CMSC 100	Alice 3.0 http://www.alice.org/	Alice
CMSC 110	<ol style="list-style-type: none"> Optional: Microsoft SQL Management Studio Microsoft Office Optional: Putty.exe http://www.putty.org/ 	
CMSC 140	<ol style="list-style-type: none"> Microsoft Visual Studio including C++ https://www.visualstudio.com/vs/ Download Visual Studio-> Community Optional: Eclipse C++ compiler or plugin/ module/addition Mac users: Eclipse https://www.eclipse.org/downloads/packages/release/2019-03/r/eclipse-ide-cc-developers XCode https://developer.apple.com/xcode/ 	C++
CMSC 141	<ol style="list-style-type: none"> Java SE Development Kit 8xx or Java JDK 8xx [where xx is the latest version] http://www.oracle.com/technetwork/java/javase/downloads/index.html you will need jdk option Eclipse (JAVA) https://www.eclipse.org Need to install javafx plugin : Java FX: In Eclipse -> Help -> Install new software -> Work With: -> Add The address is: http://download.eclipse.org/efclipse/updates-released/1.2.0/site ObjectAid UML Explorer (eclipse Plugin) NOTE: ObjectAid: In Eclipse -> Help > Install New Software -> Add -> Name: ObjectAid UML Explorer/Location: http://www.objectaid.net/update -> Select the ObjectAid Class Diagram plugin How to install the ObjectAid UM Explorer from within Eclipse with these steps: http://www.objectaid.com/installation Optional: JavaFX Scene Builder 8.0 : http://gluonhq.com/open-source/scene-builder/ NetBeans IDE (select all options during download) NOTES: for Glassfish and Tomcat select Advanced option during installation) https://netbeans.org/ 	Java
CMSC 201	<ol style="list-style-type: none"> Java SE Development Kit 8xx or Java JDK 8xx [where xx is the latest version] http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html 	Java

	<p>you will need jdk option</p> <ol style="list-style-type: none"> Eclipse (JAVA) Need to install javafx plugin : Java FX: In Eclipse -> Help -> Install new software -> Work With: -> Add The address is: http://download.eclipse.org/efclipse/updates-released/1.2.0/site ObjectAid UML Explorer (eclipse Plugin) NOTE: ObjectAid: In Eclipse -> Help > Install New Software -> Add -> Name: ObjectAid UML Explorer/Location: http://www.objectaid.net/update -> Select the ObjectAid Class Diagram plugin Optional: JavaFX Scene Builder 8.0 : http://gluonhq.com/open-source/scene-builder/ NetBeans IDE (select all options during download) NOTES: for Glassfish and Tomcat select Advanced option during installation) https://netbeans.org/ 	
CMSC 203	<ol style="list-style-type: none"> Java SE Development Kit 8xx or Java JDK 8xx [where xx is the latest version] http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html you will need jdk option Eclipse (JAVA) https://www.eclipse.org Need to install javafx plugin : Java FX: In Eclipse -> Help -> Install new software -> Work With: -> Add The address is: http://download.eclipse.org/efclipse/updates-released/1.2.0/site ObjectAid UML Explorer (eclipse Plugin) NOTE: ObjectAid: In Eclipse -> Help > Install New Software -> Add -> Name: ObjectAid UML Explorer/Location: http://www.objectaid.net/update -> Select the ObjectAid Class Diagram plugin Optional: JavaFX Scene Builder 8.0 : http://gluonhq.com/open-source/scene-builder/ Optional: NetBeans IDE (select all options during download) NOTES: for Glassfish and Tomcat select Advanced option during installation) https://netbeans.org/ 	Java
CMSC 204	<ol style="list-style-type: none"> Java SE Development Kit 8xx or Java JDK 8xx [where xx is the latest version] http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html you will need jdk option Eclipse (JAVA) https://www.eclipse.org Need to install javafx plugin : Java FX: In Eclipse -> Help -> Install new software -> Work With: -> Add The address is: http://download.eclipse.org/efclipse/updates-released/1.2.0/site 	Java

	<ol style="list-style-type: none"> 4. ObjectAid UML Explorer (eclipse Plugin) NOTE: ObjectAid: In Eclipse -> Help > Install New Software -> Add -> Name: ObjectAid UML Explorer/Location: http://www.objectaid.net/update -> Select the ObjectAid Class Diagram plugin 5. Optional: JavaFX Scene Builder 8.0 : http://gluonhq.com/open-source/scene-builder/ 6. Optional: NetBeans IDE (select all options during download) NOTES: for Glassfish and Tomcat select Advanced option during installation) https://netbeans.org/ 	
CMSC 207		Possible Python
CMSC 214	<ol style="list-style-type: none"> 1. Java SE Development Kit 8xx or Java JDK 8xx [where xx is the latest version] 2. http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html you will need jdk option 3. Eclipse (JAVA) https://www.eclipse.org Need to install javafx plugin : Java FX: In Eclipse -> Help -> Install new software -> Work With: -> Add The address is: http://download.eclipse.org/efclipse/updates-released/1.2.0/site 4. ObjectAid UML Explorer (eclipse Plugin) NOTE: ObjectAid: In Eclipse -> Help > Install New Software -> Add -> Name: ObjectAid UML Explorer/Location: http://www.objectaid.net/update -> Select the ObjectAid Class Diagram plugin 5. Optional: JavaFX Scene Builder 8.0 : http://gluonhq.com/open-source/scene-builder/ 6. NetBeans IDE (select all options during download) NOTES: for Glassfish and Tomcat select Advanced option during installation) https://netbeans.org/ 7. Required: MySQL Community Server: (includes MySQL and MySQL Workbench) http://dev.mysql.com/downloads/mysql/ 	Java
CMSC 220	<ol style="list-style-type: none"> 1. Java SE Development Kit 8xx or Java JDK 8xx [where xx is the latest version] 2. http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html you will need jdk option 3. Eclipse (JAVA) https://www.eclipse.org Need to install javafx plugin : Java FX: In Eclipse -> Help -> Install new software -> Work With: -> Add The address is: http://download.eclipse.org/efclipse/updates-released/1.2.0/site 4. ObjectAid UML Explorer (eclipse Plugin) 	Java, MySQL

	<p>NOTE: ObjectAid: In Eclipse -> Help > Install New Software -> Add -> Name: ObjectAid UML Explorer/Location: http://www.objectaid.net/update -> Select the ObjectAid Class Diagram plugin</p> <p>5. Optional: JavaFX Scene Builder 8.0 : http://gluonhq.com/open-source/scene-builder/</p> <p>6. Required: NetBeans IDE (select all options during download) NOTES: for Glassfish and Tomcat select Advanced option during installation) https://netbeans.org/</p> <p>7. Required: MySQL Community Server: (includes MySQL and MySQL WorkBench) http://dev.mysql.com/downloads/mysql/</p>	
CMSC 222	1. Microsoft Visual Studio including C++ /C# VB.Net and web environment.	VB.NET
CMSC 224	1. Microsoft Visual Studio including C++ /C# VB.Net and web environment. 2. MS SQL Server Express NOTE: Depends on the version of Visual studio installed. 3. Microsoft SQL Server 2008 4. Microsoft SQL Management Studio	C#.NET and ASP.NET, SQL Server
CMSC 226	1. Microsoft Visual Studio including C++ /C# VB.Net and web environment. 2. Optional: Eclipse C++ compiler or plugin/ module/addition	C++
CMSC 230	1. Microsoft Visual Studio including C++ /C# VB.Net and web environment. 2. Optional: Eclipse C++ compiler or plugin/ module/addition	C++
CMSC 234	Android Studio (should include Android Toolkit) Android Toolkit is Included with Android SDK Download as part of its configuration. NOTE: this installation will have own Eclipse executable https://developer.android.com/sdk/index.html	Android
CMSC 237		Objective C
CMSC 240		Android
CMSC 243	1. Microsoft Visio (available in MC labs) 2. Microsoft Project Management (available in MC labs)	
CMSC 246	1. Oracle SQL Developer http://www.oracle.com/technetwork/developer-tools/sql-developer/downloads/index.html 2. Optional Oracle Database http://www.oracle.com/technetwork/database/enterprise-edition/downloads/index-092322.html	SQL, Oracle SQL Navigator
CMSC 250	1. Putty.exe http://www.putty.org/ 2. Filezilla.org	
CMSC 253		

CMSC 260		
CMSC 269	N/A	
All CMSC Courses	<ol style="list-style-type: none"> 1. Violet UML Editor 2. UML Sculptor Tool 3. Microsoft Visio 4. Java SE Development Kit 8xx or Java JDK 8xx [where xx is the latest version] 5. http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html you will need jdk option 6. Eclipse (JAVA) https://www.eclipse.org <p>Need to install javafx plugin : Java FX: In Eclipse -> Help -> Install new software -> Work With: -> Add The address is: http://download.eclipse.org/efclipse/updates-released/1.2.0/site</p> <ol style="list-style-type: none"> 7. ObjectAid UML Explorer (eclipse Plugin) NOTE: ObjectAid: In Eclipse -> Help > Install New Software -> Add -> Name: ObjectAid UML Explorer/Location: http://www.objectaid.net/update -> Select the ObjectAid Class Diagram plugin 8. MS Office 2016 (including VISIO and MS Project) or Open Office (if working not on Windows based computers) 9. Notepad++ https://notepad-plus-plus.org/ 10. Textpad https://www.textpad.com/download/ 11. Filezilla https://filezilla-project.org/download.php 12. OpenSSH for Windows https://sourceforge.net/projects/sshwindows/ 13. Oracle SQL Developer http://www.oracle.com/technetwork/developer-tools/sql-developer/downloads/index.html 	