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CIS-17B

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**Outline for Lecture**

* Online, face-to-face, and hybrid will all be treated the same with the exception of interaction. Face-to-Face and hybrid will be present in person while online will have to watch lectures.
* Only have to know C++, does not necessarily have to take advisory classes. Knowing to program is an expectation in the class.
* There will be a group project to write a game.
* There will be a total of 3 projects. Two will be on our own and one will be a group project.
* The projects will be turned into GUI elements.
* Should not wait until the last minute to start projects.
* Earning more than just C++.
* Gui elements and servers.
* Presenting group and personal projects for midterm and final.
* Homework to help learn concepts.
* Potential projects to present to employer.
* Need internships.
* Need to meet with group 1-2 hours to discuss projects.
* Online classes have more options.
* Upcoming homework will be reviewed.
* Need to install NetBeans
* Projects should start with comments – Name, date started, and versions.
* Template provided by teacher
* If doesn’t work then netbeans not installed properly
* Create Github – with specified folders
* Provided review pages
* Review on pointers, arrays, and reference variables.