

Course Syllabus

Syllabus:

- **Lesson One: What is Network Science?**
 - What is (not) network science?
 - The main premise of network science
 - History and relation to graph theory, physics, sociology, and other disciplines
 - Examples of networks from different application domains
- **Lesson Two: Relevant Concepts From Graph Theory**
 - Undirected, directed, signed, weighted and spatial networks
 - Paths, connected components, random walks, etc
 - Directed Acyclic Graphs
 - Bipartite graphs
 - Max-flow/min-cut
- **Lesson Three: Degree Distribution and ER Graphs**
 - Degree distribution
 - Friendship paradox
 - ER graphs and their degree distribution
 - Giant component size in ER graphs
 - Assortative vs disassortative networks
- **Lesson Four: Random vs. Real Graphs and "Scale Free" Networks**
 - The degree distribution of real-world networks
 - Power-law degree distributions
 - Preferential attachment model
 - How to detect a power-law and estimate the exponent
 - Configuration model and degree-preserving randomization
- **Lesson Five: Network Paths, Clustering and The "Small World" Property**
 - Clustering and transitivity in networks
 - Diameter and characteristic path length
 - Small-world networks and the Watts-Strogatz model

- Network motifs

- **Lesson Six: Centrality and Network-core Metrics and Algorithms**
 - Link-based centrality metrics
 - Path-based centrality metrics
 - k-core decomposition
 - Core-periphery structure
 - Rich-club set of nodes

- **Lesson Seven: Community Detection and Hierarchical Modularity**
 - Hierarchical clustering in networks
 - Modularity metric
 - Algorithms for modularity maximization
 - Limitations of modularity
 - Hierarchical modularity



- **Lesson Eight: Advanced Topics in Community Detection**
 - Overlapping communities
 - Dynamic communities
 - Comparing community structures
 - The role of nodes within and between communities
 - Applications of community detection










- **Lesson Nine: Network Contagion and Epidemics**
 - Epidemics on networks
 - Epidemic modeling (SI, SIS, SIR, etc) under homogeneous mixing
 - Epidemic modeling under arbitrary degree distributions
 - Basic reproductive number and superspreaders











- **Lesson Ten: Influence Phenomena On Networks**
 - The linear threshold model and the Independent cascades model
 - Empirical studies in information and behavior spreading
 - Seeding strategies on how to maximize influence
 - Cascades and community structure











- **Lesson Eleven: Other Dynamic Processes Of/On Networks**
 - Percolation, random failures, and targeted attacks on networks
 - Search on networks
 - Synchronization on networks
 - Coevolutionary networks
- **Lesson Twelve: Models of Static and Dynamic Networks**
 - Stochastic network models that generate power-law degree distributions
 - Optimization-based network models
 - Stochastic block models
 - Hierarchical Random Graphs
- **Lesson Thirteen: Statistical Analysis of Network Data**
 - Network sampling methods
 - Estimation of network metrics
 - Association networks
 - Network tomography
- **Lesson Fourteen: Machine Learning meets Network Science**
 - Node embeddings
 - Graph neural networks
 - Deep generative network models
 - Limitations and applications of graph neural networks











Course Summary:









Date	Details	Due
Tue Aug 23, 2022	 <u>Network Science - CS-7280-001</u> https://gatech.instructure.com/calendar?event_id=3700205&include_contexts=course_265324	9am to 10am
	 <u>Burak Office Hours</u> https://gatech.instructure.com/calendar?event_id=3707255&include_contexts=course_265324	11am to 12pm











Date	Details	Due
Wed Aug 24, 2022	 Network Science - CS-7280-001 - Live session with instructor (Constantine) (https://gatech.instructure.com/calendar?event_id=3671233&include_contexts=course_265324)	12pm to 1pm
	 Office Hours - Abigail - Network Science - CS-7280-001 (https://gatech.instructure.com/calendar?event_id=3703961&include_contexts=course_265324)	1pm to 2pm
	 CS-7280 - Sareen Office Hours (https://gatech.instructure.com/calendar?event_id=3713213&include_contexts=course_265324)	4pm to 5pm
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712021&include_contexts=course_265324)	10pm to 11pm
Thu Aug 25, 2022	 CS-7280 - Sareen Office Hours (https://gatech.instructure.com/calendar?event_id=3713257&include_contexts=course_265324)	9am to 10am
	 Office Hours - Abigail - Network Science - CS-7280-001 (https://gatech.instructure.com/calendar?event_id=3703963&include_contexts=course_265324)	1pm to 2pm
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712023&include_contexts=course_265324)	10pm to 11pm
Fri Aug 26, 2022	 Network Science - CS-7280-001 (https://gatech.instructure.com/calendar?event_id=3700207&include_contexts=course_265324)	9am to 10am
	 Burak Office Hours (https://gatech.instructure.com/calendar?event_id=3707257&include_contexts=course_265324)	11am to 12pm

Date	Details	Due
Mon Aug 29, 2022	 Lesson-1: Quiz (graded) (https://gatech.instructure.com/courses/265324/assignments/1110702)	due by 7:59am
	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700593&include_contexts=course_265324)	9am to 10am
Tue Aug 30, 2022	 Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3700209&include_contexts=course_265324)	9am to 10am
	 Burak Office Hours (https://gatech.instructure.com/calendar?event_id=3707259&include_contexts=course_265324)	11am to 12pm
	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700595&include_contexts=course_265324)	9am to 10am
	 Network Science - CS-7280-O01 - Live session with instructor (Constantine) (https://gatech.instructure.com/calendar?event_id=3671235&include_contexts=course_265324)	12pm to 1pm
Wed Aug 31, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3703965&include_contexts=course_265324)	1pm to 2pm
	 CS-7280 - Sareen Office Hours (https://gatech.instructure.com/calendar?event_id=3713215&include_contexts=course_265324)	4pm to 5pm
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712025&include_contexts=course_265324)	10pm to 11pm
Thu Sep 1, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3703967&include_contexts=course_265324)	1pm to 2pm






Date	Details	Due
Fri Sep 2, 2022	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712027&include_contexts=course_265324	10pm to 11pm
Fri Sep 2, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700211&include_contexts=course_265324	9am to 10am
Fri Sep 2, 2022	 Burak Office Hours https://gatech.instructure.com/calendar?event_id=3707261&include_contexts=course_265324	11am to 12pm
Mon Sep 5, 2022	 Lesson-2: Quiz (graded) https://gatech.instructure.com/courses/265324/assignments/1110698	due by 7:59am
Mon Sep 5, 2022	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700597&include_contexts=course_265324	9am to 10am
Tue Sep 6, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700213&include_contexts=course_265324	9am to 10am
Tue Sep 6, 2022	 Burak Office Hours https://gatech.instructure.com/calendar?event_id=3707263&include_contexts=course_265324	11am to 12pm
Wed Sep 7, 2022	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700599&include_contexts=course_265324	9am to 10am
Wed Sep 7, 2022	 Network Science - CS-7280-O01 - Live session with instructor (Constantine) https://gatech.instructure.com/calendar?event_id=3671237&include_contexts=course_265324	12pm to 1pm
Wed Sep 7, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3703969&include_contexts=course_265324	1pm to 2pm










Date	Details	Due
Thu Sep 8, 2022	 CS-7280 - Sareen Office Hours (https://gatech.instructure.com/calendar?event_id=3713217&include_contexts=course_265324)	4pm to 5pm
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712029&include_contexts=course_265324)	10pm to 11pm
	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3703971&include_contexts=course_265324)	1pm to 2pm
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712031&include_contexts=course_265324)	10pm to 11pm
Fri Sep 9, 2022	 Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3700215&include_contexts=course_265324)	9am to 10am
	 Burak Office Hours (https://gatech.instructure.com/calendar?event_id=3707265&include_contexts=course_265324)	11am to 12pm
Mon Sep 12, 2022	 Lesson-3: Quiz (graded) (https://gatech.instructure.com/courses/265324/assignments/1110710)	due by 7:59am
	 Module One: Project (https://gatech.instructure.com/courses/265324/assignments/1110758)	due by 8am
	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700601&include_contexts=course_265324)	9am to 10am
Tue Sep 13, 2022	 Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3700217&include_contexts=course_265324)	9am to 10am










Date	Details	Due
Wed Sep 14, 2022	 Burak Office Hours (https://gatech.instructure.com/calendar?event_id=3707267&include_contexts=course_265324)	11am to 12pm
	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700603&include_contexts=course_265324)	9am to 10am
	 Network Science - CS-7280-001 - Live session with instructor (Constantine) (https://gatech.instructure.com/calendar?event_id=3671239&include_contexts=course_265324)	12pm to 1pm
	 Office Hours - Abigail - Network Science - CS-7280-001 (https://gatech.instructure.com/calendar?event_id=3703973&include_contexts=course_265324)	1pm to 2pm
	 CS-7280 - Sareen Office Hours (https://gatech.instructure.com/calendar?event_id=3713219&include_contexts=course_265324)	4pm to 5pm
Thu Sep 15, 2022	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712033&include_contexts=course_265324)	10pm to 11pm
	 Office Hours - Abigail - Network Science - CS-7280-001 (https://gatech.instructure.com/calendar?event_id=3703975&include_contexts=course_265324)	1pm to 2pm
Fri Sep 16, 2022	 Network Science - CS-7280-001 (https://gatech.instructure.com/calendar?event_id=3700219&include_contexts=course_265324)	9am to 10am

Date	Details	Due
Mon Sep 19, 2022	 Burak Office Hours (https://gatech.instructure.com/calendar?event_id=3707269&include_contexts=course_265324)	11am to 12pm
	 Lesson-4: Quiz (graded) (https://gatech.instructure.com/courses/265324/assignments/1110694)	due by 7:59am
Tue Sep 20, 2022	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700605&include_contexts=course_265324)	9am to 10am
	 Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3700221&include_contexts=course_265324)	9am to 10am
Wed Sep 21, 2022	 Burak Office Hours (https://gatech.instructure.com/calendar?event_id=3707271&include_contexts=course_265324)	11am to 12pm
	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700607&include_contexts=course_265324)	9am to 10am
Wed Sep 21, 2022	 Network Science - CS-7280-O01 - Live session with instructor (Constantine) (https://gatech.instructure.com/calendar?event_id=3671241&include_contexts=course_265324)	12pm to 1pm
	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3703977&include_contexts=course_265324)	1pm to 2pm
	 CS-7280 - Sareen Office Hours (https://gatech.instructure.com/calendar?event_id=3713221&include_contexts=course_265324)	4pm to 5pm
Wed Sep 21, 2022	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712037&include_contexts=course_265324)	10pm to 11pm

Date	Details	Due
Thu Sep 22, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3703979&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712039&include_contexts=course_265324	10pm to 11pm
Fri Sep 23, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700223&include_contexts=course_265324	9am to 10am
	 Burak Office Hours https://gatech.instructure.com/calendar?event_id=3707273&include_contexts=course_265324	11am to 12pm
Mon Sep 26, 2022	 Lesson-5: Quiz (graded) https://gatech.instructure.com/courses/265324/assignments/1110704	due by 7:59am
	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700609&include_contexts=course_265324	9am to 10am
Tue Sep 27, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700225&include_contexts=course_265324	9am to 10am
	 Burak Office Hours https://gatech.instructure.com/calendar?event_id=3707275&include_contexts=course_265324	11am to 12pm
Wed Sep 28, 2022	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700611&include_contexts=course_265324	9am to 10am
	 Network Science - CS-7280-O01 - Live session with instructor (Constantine) https://gatech.instructure.com/calendar?event_id=3671243&include_contexts=course_265324	12pm to 1pm

Date	Details	Due
	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3703981&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Sareen Office Hours https://gatech.instructure.com/calendar?event_id=3713223&include_contexts=course_265324	4pm to 5pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712041&include_contexts=course_265324	10pm to 11pm
Thu Sep 29, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3703983&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712043&include_contexts=course_265324	10pm to 11pm
Fri Sep 30, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700227&include_contexts=course_265324	9am to 10am
	 Burak Office Hours https://gatech.instructure.com/calendar?event_id=3707277&include_contexts=course_265324	11am to 12pm
	 Lesson-6: Quiz (graded) https://gatech.instructure.com/courses/265324/assignments/1110706	due by 7:59am
Mon Oct 3, 2022	 Module Two: Project https://gatech.instructure.com/courses/265324/assignments/1110762	due by 8am
	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700613&include_contexts=course_265324	9am to 10am










Date	Details	Due
Tue Oct 4, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700229&include_contexts=course_265324	9am to 10am
	 Burak Office Hours https://gatech.instructure.com/calendar?event_id=3707279&include_contexts=course_265324	11am to 12pm
Wed Oct 5, 2022	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700615&include_contexts=course_265324	9am to 10am
	 Network Science - CS-7280-O01 - Live session with instructor (Constantine) https://gatech.instructure.com/calendar?event_id=3671245&include_contexts=course_265324	12pm to 1pm
	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3703985&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Sareen Office Hours https://gatech.instructure.com/calendar?event_id=3713225&include_contexts=course_265324	4pm to 5pm
Thu Oct 6, 2022	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712045&include_contexts=course_265324	10pm to 11pm
	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3703987&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712047&include_contexts=course_265324	10pm to 11pm










Date	Details	Due
Fri Oct 7, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700231&include_contexts=course_265324	9am to 10am
	 Burak Office Hours https://gatech.instructure.com/calendar?event_id=3707281&include_contexts=course_265324	11am to 12pm
Mon Oct 10, 2022	 Lesson-7: Quiz (graded) https://gatech.instructure.com/courses/265324/assignments/1110712	due by 8am
	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700617&include_contexts=course_265324	9am to 10am
Tue Oct 11, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700233&include_contexts=course_265324	9am to 10am
	 Burak Office Hours https://gatech.instructure.com/calendar?event_id=3707283&include_contexts=course_265324	11am to 12pm
Wed Oct 12, 2022	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700619&include_contexts=course_265324	9am to 10am
	 Network Science - CS-7280-O01 - Live session with instructor (Constantine) https://gatech.instructure.com/calendar?event_id=3671247&include_contexts=course_265324	12pm to 1pm
	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3703989&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Sareen Office Hours https://gatech.instructure.com/calendar?event_id=3713227&include_contexts=course_265324	4pm to 5pm






Date	Details	Due
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712049&include_contexts=course_265324	10pm to 11pm
Thu Oct 13, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3703991&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712051&include_contexts=course_265324	10pm to 11pm
Fri Oct 14, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700235&include_contexts=course_265324	9am to 10am
Mon Oct 17, 2022	 Lesson-8: Quiz (graded) https://gatech.instructure.com/courses/265324/assignments/1110696	due by 8am
	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700621&include_contexts=course_265324	9am to 10am
Tue Oct 18, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700237&include_contexts=course_265324	9am to 10am
Wed Oct 19, 2022	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700623&include_contexts=course_265324	9am to 10am
	 Network Science - CS-7280-O01 - Live session with instructor (Constantine) https://gatech.instructure.com/calendar?event_id=3671249&include_contexts=course_265324	12pm to 1pm


Date	Details	Due
	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3703993&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Sareen Office Hours https://gatech.instructure.com/calendar?event_id=3713229&include_contexts=course_265324	4pm to 5pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712053&include_contexts=course_265324	10pm to 11pm
Thu Oct 20, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3703995&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712055&include_contexts=course_265324	10pm to 11pm
Fri Oct 21, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700239&include_contexts=course_265324	9am to 10am
	 Lesson-9: Quiz (graded) https://gatech.instructure.com/courses/265324/assignments/1110716	due by 8am
Mon Oct 24, 2022	 Module Three: Project https://gatech.instructure.com/courses/265324/assignments/1110760	due by 8am
	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700625&include_contexts=course_265324	9am to 10am
Tue Oct 25, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700241&include_contexts=course_265324	9am to 10am









Date	Details	Due
Wed Oct 26, 2022	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700627&include_contexts=course_265324)	9am to 10am
	 Network Science - CS-7280-O01 - Live session with instructor (Constantine) (https://gatech.instructure.com/calendar?event_id=3671251&include_contexts=course_265324)	12pm to 1pm
	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3703997&include_contexts=course_265324)	1pm to 2pm
	 CS-7280 - Sareen Office Hours (https://gatech.instructure.com/calendar?event_id=3713231&include_contexts=course_265324)	4pm to 5pm
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712057&include_contexts=course_265324)	10pm to 11pm
Thu Oct 27, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3703999&include_contexts=course_265324)	1pm to 2pm
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712059&include_contexts=course_265324)	10pm to 11pm
Fri Oct 28, 2022	 Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3700243&include_contexts=course_265324)	9am to 10am
Mon Oct 31, 2022	 Lesson-10: Quiz (graded) (https://gatech.instructure.com/courses/265324/assignments/1110720)	due by 8am










Date	Details	Due
Tue Nov 1, 2022	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700629&include_contexts=course_265324)	9am to 10am
Tue Nov 1, 2022	 Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3700245&include_contexts=course_265324)	9am to 10am
Wed Nov 2, 2022	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700631&include_contexts=course_265324)	9am to 10am
Wed Nov 2, 2022	 Network Science - CS-7280-O01 - Live session with instructor (Constantine) (https://gatech.instructure.com/calendar?event_id=3671253&include_contexts=course_265324)	12pm to 1pm
Wed Nov 2, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3704001&include_contexts=course_265324)	1pm to 2pm
Wed Nov 2, 2022	 CS-7280 - Sareen Office Hours (https://gatech.instructure.com/calendar?event_id=3713233&include_contexts=course_265324)	4pm to 5pm
Wed Nov 2, 2022	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712061&include_contexts=course_265324)	10pm to 11pm
Thu Nov 3, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3704003&include_contexts=course_265324)	1pm to 2pm
Thu Nov 3, 2022	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712063&include_contexts=course_265324)	10pm to 11pm










Date	Details	Due
Fri Nov 4, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700247&include_contexts=course_265324	9am to 10am
Mon Nov 7, 2022	 Lesson-11: Quiz (graded) https://gatech.instructure.com/courses/265324/assignments/1110700	due by 8am
	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700633&include_contexts=course_265324	9am to 10am
Tue Nov 8, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700249&include_contexts=course_265324	9am to 10am
	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700635&include_contexts=course_265324	9am to 10am
	 Network Science - CS-7280-O01 - Live session with instructor (Constantine) https://gatech.instructure.com/calendar?event_id=3671255&include_contexts=course_265324	12pm to 1pm
Wed Nov 9, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3704005&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Sareen Office Hours https://gatech.instructure.com/calendar?event_id=3713235&include_contexts=course_265324	4pm to 5pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712065&include_contexts=course_265324	10pm to 11pm


Date	Details	Due
Thu Nov 10, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3704007&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712067&include_contexts=course_265324	10pm to 11pm
Fri Nov 11, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700251&include_contexts=course_265324	9am to 10am
	 Lesson-12: Quiz (graded) https://gatech.instructure.com/courses/265324/assignments/1110718	due by 8am
Mon Nov 14, 2022	 Module Four: Project https://gatech.instructure.com/courses/265324/assignments/1110756	due by 8am
	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700637&include_contexts=course_265324	9am to 10am
Tue Nov 15, 2022	 Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3700253&include_contexts=course_265324	9am to 10am
Wed Nov 16, 2022	 Cameron Office Hours https://gatech.instructure.com/calendar?event_id=3700639&include_contexts=course_265324	9am to 10am
	 Network Science - CS-7280-O01 - Live session with instructor (Constantine) https://gatech.instructure.com/calendar?event_id=3671257&include_contexts=course_265324	12pm to 1pm
	 Office Hours - Abigail - Network Science - CS-7280-O01 https://gatech.instructure.com/calendar?event_id=3704009&include_contexts=course_265324	1pm to 2pm

Date	Details	Due
Thu Nov 17, 2022	 CS-7280 - Sareen Office Hours (https://gatech.instructure.com/calendar?event_id=3713237&include_contexts=course_265324)	4pm to 5pm
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712069&include_contexts=course_265324)	10pm to 11pm
Thu Nov 17, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3704011&include_contexts=course_265324)	1pm to 2pm
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712071&include_contexts=course_265324)	10pm to 11pm
Fri Nov 18, 2022	 Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3700255&include_contexts=course_265324)	9am to 10am
	 Lesson-13: Quiz (graded) (https://gatech.instructure.com/courses/265324/assignments/1110714)	due by 8am
Mon Nov 21, 2022	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700641&include_contexts=course_265324)	9am to 10am
	 Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3700257&include_contexts=course_265324)	9am to 10am
Tue Nov 22, 2022	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700643&include_contexts=course_265324)	9am to 10am
	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700643&include_contexts=course_265324)	9am to 10am
Wed Nov 23, 2022	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700643&include_contexts=course_265324)	9am to 10am
	 Cameron Office Hours (https://gatech.instructure.com/calendar?event_id=3700643&include_contexts=course_265324)	9am to 10am

Date	Details	Due
	 Network Science - CS-7280-001 - Live session with instructor (Constantine) https://gatech.instructure.com/calendar?event_id=3671259&include_contexts=course_265324	12pm to 1pm
	 Office Hours - Abigail - Network Science - CS-7280-001 https://gatech.instructure.com/calendar?event_id=3704013&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Sareen Office Hours https://gatech.instructure.com/calendar?event_id=3713239&include_contexts=course_265324	4pm to 5pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712073&include_contexts=course_265324	10pm to 11pm
Thu Nov 24, 2022	 Office Hours - Abigail - Network Science - CS-7280-001 https://gatech.instructure.com/calendar?event_id=3704015&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712075&include_contexts=course_265324	10pm to 11pm
Fri Nov 25, 2022	 Network Science - CS-7280-001 https://gatech.instructure.com/calendar?event_id=3700259&include_contexts=course_265324	9am to 10am
Tue Nov 29, 2022	 Network Science - CS-7280-001 https://gatech.instructure.com/calendar?event_id=3700261&include_contexts=course_265324	9am to 10am

Date	Details	Due
Wed Nov 30, 2022	 Network Science - CS-7280-001 - Live session with instructor (Constantine) https://gatech.instructure.com/calendar?event_id=3671261&include_contexts=course_265324	12pm to 1pm
	 Office Hours - Abigail - Network Science - CS-7280-001 https://gatech.instructure.com/calendar?event_id=3704017&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Sareen Office Hours https://gatech.instructure.com/calendar?event_id=3713241&include_contexts=course_265324	4pm to 5pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712077&include_contexts=course_265324	10pm to 11pm
Thu Dec 1, 2022	 Office Hours - Abigail - Network Science - CS-7280-001 https://gatech.instructure.com/calendar?event_id=3704019&include_contexts=course_265324	1pm to 2pm
	 CS-7280 - Jason's Office Hours https://gatech.instructure.com/calendar?event_id=3712079&include_contexts=course_265324	10pm to 11pm
Fri Dec 2, 2022	 Network Science - CS-7280-001 https://gatech.instructure.com/calendar?event_id=3700263&include_contexts=course_265324	9am to 10am
Mon Dec 5, 2022	 Lesson-14: Quiz (graded) https://gatech.instructure.com/courses/265324/assignments/1110708	due by 8am
Wed Dec 7, 2022	 Module Five: Project https://gatech.instructure.com/courses/265324/assignments/1110754	due by 8am

Date	Details	Due
Thu Dec 8, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3704021&include_contexts=course_265324)	1pm to 2pm
	 CS-7280 - Sareen Office Hours (https://gatech.instructure.com/calendar?event_id=3713243&include_contexts=course_265324)	4pm to 5pm
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712081&include_contexts=course_265324)	10pm to 11pm
	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3704023&include_contexts=course_265324)	1pm to 2pm
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712083&include_contexts=course_265324)	10pm to 11pm
	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3704025&include_contexts=course_265324)	1pm to 2pm
Wed Dec 14, 2022	 CS-7280 - Sareen Office Hours (https://gatech.instructure.com/calendar?event_id=3713245&include_contexts=course_265324)	4pm to 5pm
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712085&include_contexts=course_265324)	10pm to 11pm
Thu Dec 15, 2022	 Office Hours - Abigail - Network Science - CS-7280-O01 (https://gatech.instructure.com/calendar?event_id=3704027&include_contexts=course_265324)	1pm to 2pm

Date	Details	Due
	 CS-7280 - Jason's Office Hours (https://gatech.instructure.com/calendar?event_id=3712087&include_contexts=course_265324)	10pm to 11pm