**ITEC451 Network Analysis and Design**

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| **Date** | **Class Note** | **Cisco Networking Academy** | **Note** |
| **Week 1** |  |
| Mon, Jan 17 | **Martin Luther King Jr. Day**Classes are not in session |  |  |
| Tue, Jan 18 |  |  |  |
| Wed, Jan 19 | [Syllabus](%5C%5C%5C%5Cuserdir%5C%5Chlee3%5C%5Cpublic_html%5C%5Cclasses%5C%5Citec451_spring2022%5C%5CITEC451_syllabus_spring2022.pdf), Pretest**Homework**: [Class Activity 1](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5CclassActivities%5CclassActivities_Hands-on%5CFridayProjects_HW_spring2019%5CITEC451_HW_ClassActivity1.docx)[Due] 11:50am on Jan 24, Friday |  |  |
| Thr, Jan 20 |  |  |  |
| Fri, Jan 21 | Present Class Activity 1(2-3 min per student) **Homework**: [Class Activity 2](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5CclassActivities%5CclassActivities_Hands-on%5CFridayProjects_HW_spring2019%5CITEC451_HW_ClassActivity2_Presentation2.docx)[Due] 11:50am on Jan 27, Monday |  |  |
| **Week 2** |  |
| Mon, Jan 24 | Present Class Activity 2(5 min per team) | Reading Assignment for Modules 1 and 2:Due - 11:59pm on Sept 5 (Sun) |  |
| Tue, Jan 25 |  |  |  |
| Wed, Jan 26 | Present Class Activity 2[Class Activity 3:](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5CclassActivities%5CclassActivities_Hands-on%5CFridayProjects_HW_spring2019%5CITEC451_classActivity3_combiningActivity2Ideas.docx) Combining the class activity 2 ideas |  |  |
| Thr, Jan 27 |  |  |  |
| Fri, Jan 28 | Continue Class Activity 3 |  |  |
| **Week 3** |  |
| Mon, Jan 31 | Present Class Activity 3 (no time limit) and discuss lessons learned **Homework**: [Peer Evaluation Form](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5CpeerEvaluation_groupWork.xlsx) on Class Activity 3 [Due] 11:50am on Feb 5, Wednesday(Please submit this evaluation form to the Assignment submission folder named “Activity 3” in D2L. | Reading Assignment for Modules 3 and 4 & Module Group Exams for Modules 1-4:Due - 11:59pm on Sept 12 (Sun) |  |
| Tue, Feb 1 |  |  |  |
| Wed, Feb 2 | [**Activity 4**](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5CclassActivities%5CclassActivities_Hands-on%5CFridayProjects_HW_spring2019%5CITEC451_ClassActivity4_WritingConsultantReport_SampleConsultantsReport_NetworkDesignProposal.pdf) **- Individual project - Write your consultant’s report on Activity 3****[Due]** 11:50am on Feb 7. **Homework-Activity 5:**[Cisco Lab 9.4.1.2](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5Clab%5CCisco%5CCCNA2_RSE_spring2018%5CwarmUpFromCCNA1%5C9.4.1.2%20Packet%20Tracer%20-%20Skills%20Integration%20Challenge%20Instructions.docx)Download this packet tracer file to complete this lab: [9.4.1.2 Packet Tracer](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5Clab%5CCisco%5CCCNA2_RSE_spring2018%5CwarmUpFromCCNA1%5C9.4.1.2%20Packet%20Tracer%20-%20Skills%20Integration%20Challenge.pka)Please **submit** your completed packet tracer file to the Assignments submission folder named **Activity 5** in D2L**[Due]** 11:50am on Feb 10, Monday. |  |  |
| Thr, Feb 3 |  |  |  |
| Fri, Feb 4 | **Activity 6: Review the consultant reports** and complete the [peer-evaluation form.](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5CclassActivities%5CclassActivities_Hands-on%5CFridayProjects_HW_spring2019%5CITEC451_Activity6_PeerEvaluationFormOnConsultantsReport.docx) Please your peer-evaluation form to the **Activity 6** submission folder in D2L.FYI, I will grade this activity based on a quality of your review.**[Due]** 11:59pm on Feb 7. |  |  |
| **Week 4** |  |
| Mon, Feb 7 | **Activity 7**: Revise your consultant report based on the peer-evaluation results and submit the revised on to the Assignment submission folder in D2L.The peer-evaluation results will be posted in the google drive at 10am on 2/11.**[Due]** 11:50am on Feb 12, Wed. | Reading Assignment for Modules 5 and 6 & Module Group Exam for Modules 5-6:Due - 11:59pm on Sept 19 (Sun) |  |
| Tue, Feb 8 |  |  |  |
| Wed, Feb 9 | [Chapter 1 Introduction to Model Building](file:///%5C%5Cuserdir%5Cunix%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2020%5CclassNotes%5CChapter%2001.ppt)**Activity 8**: [Model Building](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5CclassActivities%5CclassActivities_optimization%5Cspring2019%5CITEC451_activity8_chap1_sections1.2-1.5.docx)[Due] 11:50AM on Feb 19, Wed*References:*1.[Police Patrol Scheduling in NY](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5CclassActivities%5CclassActivities_optimization%5Cspring2019%5CpolicePatrolScheduling_R1803.pdf)2.[Patrol Scheduling Methods in Texas Police Agencies](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5CclassActivities%5CclassActivities_optimization%5Cspring2019%5CPatrolSchedulingMethodsInTexasPoliceAgencies.pdf)**Homework-Activity 9:**[Cisco Lab 2.2.4.9](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5Clab%5CCisco%5CCCNA2_RSE_spring2018%5CStudent%20Packet%20Tracer%20Source%20Files%5C2.2.4.9%20Packet%20Tracer%20-%20Configuring%20Switch%20Port%20Security%20Instructions.docx)Download this packet tracer file to complete this lab: [2.2.4.9 Packet Tracer](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5Clab%5CCisco%5CCCNA2_RSE_spring2018%5CPacket%20Tracer%20PKA%20Source%20Files%5C2.2.4.9%20Packet%20Tracer%20-%20Configuring%20Switch%20Port%20Security.pka)Please **submit** your completed packet tracer file to the Assignments submission folder named **Activity 9** in D2L by 11:50am on Feb 17, Monday. |  |  |
| Thr, Feb 10 |  |  |  |
| Fri, Feb 11 | Continue Chapter 1 |  |  |
| **Week 5** |  |
| Mon, Feb 14 | [Chapter 2 Basic Linear Algebra](file:///%5C%5Cuserdir%5Cunix%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2020%5CclassNotes%5CChapter%2002.ppt) | Reading Assignment for Modules 7 and 8:Due - 11:59pm on Sept 26 (Sun) |  |
| Tue, Feb 15 |  |  |  |
| Wed, Feb 16 | Continue Chapter 2**Activity 10**: [Gauss-Jordan Method](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5CclassActivities%5CclassActivities_optimization%5Cspring2019%5CITEC451_activity10_chap2_section2.3_problems.pdf) |  |  |
| Thr, Feb 17 |  |  |  |
| Fri, Feb 18 | Continue Chapter 2**Continue Activity 10**: [Gauss-Jordan Method](file:///%5C%5Cuserdir%5Chlee3%5Cpublic_html%5Cclasses%5Citec451_spring2022%5CclassActivities%5CclassActivities_optimization%5Cspring2019%5CITEC451_activity10_chap2_section2.3_problems.pdf) |  |  |
| **Week 6** |  |
| Mon, Feb 21 |  | Reading Assignment for Module 9 & Module Group Exams for Modules 7-9:Due - 11:59pm on Oct 3 (Sun) |  |
| Tue, Feb 22 |  |  |  |
| Wed, Feb 23 |  |  |  |
| Thr, Feb 24 |  |  |  |
| Fri, Feb 25 |  |  |  |
| **Week 7** |  |
| Mon, Feb 28 |  | Reading Assignment for Modules 10 and 11:Due - 11:59pm on Oct 10 (Sun) |  |
| Tue, Mar 1 |  |  |  |
| Wed, Mar 2 |  |  |  |
| Thr, Mar 3 |  |  |  |
| Fri, Mar 4 |  |  |  |
| **Week 8** | **Spring Break** |
| Mon, Mar 7 | Classes are not in session | Reading Assignment for Modules 12 and 13 & Module Group Exams for Modules 10-13:Due - 11:59pm on Oct 17 (Sun) |  |
| Tue, Mar 8 | Classes are not in session |  |  |
| Wed, Mar 9 | Classes are not in session |  |  |
| Thr, Mar 10 | Classes are not in session |  |  |
| Fri, Mar 11 | Classes are not in session |  |  |
| **Week 9** |  |
| Mon, Mar 14 |  | Reading Assignment for Modules 14 and 15:Due - 11:59pm on Oct 24 (Sun) |  |
| Tue, Mar 15 |  |  |  |
| Wed, Mar 16 |  |  |  |
| Thr, Mar 17 |  |  |  |
| Fri, Mar 18 |  |  |  |
| **Week 10** |  |
| Mon, Mar 21 |  | Reading Assignment for Module 16 & Module Group Exams for Modules 14-16:Due - 11:59pm on Oct 31 (Sun) |  |
| Tue, Mar 22 |  |  |  |
| Wed, Mar 23 |  |  |  |
| Thr, Mar 24 |  |  |  |
| Fri, Mar 25 |  |  |  |
| **Week 11** |  |
| Mon, Mar 28 |  |  |  |
| Tue, Mar 29 |  |  |  |
| Wed, Mar 30 |  |  |  |
| Thr, Mar 31 |  |  |  |
| Fri, Apr 1 |  |  |  |
| **Week 12** |  |
| Mon, Apr 4 |  |  |  |
| Tue, Apr 5 |  |  |  |
| Wed, Apr 6 |  |  |  |
| Thr, Apr 7 |  |  |  |
| Fri, Apr 8 |  |  |  |
| **Week 13** |  |
| Mon, Apr 11 |  |  |  |
| Tue, Apr 12 |  |  |  |
| Wed, Apr 13 |  |  |  |
| Thr, Apr 14 |  |  |  |
| Fri, Apr 15 |  |  |  |
| **Week 14** |  |
| Mon, Apr 18 |  |  |  |
| Tue, Apr 19 |  |  |  |
| Wed, Apr 20 |  |  |  |
| Thr, Apr 21 |  |  |  |
| Fri, Apr 22 |  |  |  |
| **Week 15** |  |
| Mon, Apr 25 |  |  |  |
| Tue, Apr 26 |  |  |  |
| Wed, Apr 27 |  |  |  |
| Thr, Apr 28 |  |  |  |
| Fri, Apr 29 |  |  |  |
| **Week 16** | **Final Exam Week** |
| Mon, May 2 |  |  |  |
| Tue, May 3 |  |  |  |
| Wed, May 4 |  |  |  |
| Thr, May 5 |  |  |  |
| Fri, May 6 |  |  |  |