



Form (3) | Program Study Plan

3.1 General information

| | | | |
|----------------|-----------------|-------------------|----------|
| College | Applied College | Department | Computer |
|----------------|-----------------|-------------------|----------|

CNS1D-CNS2D

| | | |
|-----------------------|----------------|---|
| Program Name | English | Computer Network and Security |
| | Arabic | أمن وشبكات الحاسب |
| Degree Awarded | English | Intermediate Diploma in Computer Network and Security |
| | Arabic | دبلوم متوسط في أمن وشبكات الحاسب |



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3.2 Distribution of Courses according to the Semester

- [Year 1](#)

| Level 1 | | | | | | | | | | | | | | |
|--------------------|-------------|---|-----------------------------------|--------------|----------|--------------|-----|----------|-------------------|---------------|-----|----------|-------------------|---------------|
| # | Course Code | Course Title | اسم المقرر | Credit Units | Semester | Credit Units | | | | Contact Hours | | | | Prerequisites |
| | | | | | | Theory | Lab | Tutorial | Clinic, Field ... | Theory | Lab | Tutorial | Clinic, Field ... | |
| 1 | ENGL 101 | General English Language1 | لغة إنجليزية عامة 1 | 9 | L1 | 5 | 0 | 4 | 0 | 5 | 0 | 8 | 0 | N/A |
| 2 | MATH 101 | Mathematics | رياضيات | 3 | L1 | 2 | 0 | 1 | 0 | 2 | 0 | 2 | 0 | N/A |
| 3 | COMP 101 | Introduction to Computer and Information Technology | مقدمة في الحاسب وتقنيات المعلومات | 3 | L1 | 2 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | N/A |
| 4 | MGMT 101 | Principles of Management | مبادئ الإدارة | 3 | L1 | 2 | 0 | 1 | 0 | 2 | 0 | 2 | 0 | N/A |
| 5 | FINC 101 | Introduction to Financial Sciences | مقدمة في العلوم المالية | 3 | L1 | 2 | 0 | 1 | 0 | 2 | 0 | 2 | 0 | N/A |
| Total | | | | 21 | | 13 | 1 | 7 | 0 | 13 | 2 | 14 | 0 | |
| Grand Total | | | | | | 21 | | | | 29 | | | | |

* For continuing courses more than one semester, include "IP" in the Credit Units column of the offering course in first semester of study plan

| Level 2 | | | | | | | | | | | | | | |
|--------------------|-------------|---------------------------|---------------------|--------------|----------|--------------|-----|----------|-------------------|---------------|-----|----------|-------------------|---------------|
| # | Course Code | Course Title | اسم المقرر | Credit Units | Semester | Credit Units | | | | Contact Hours | | | | Prerequisites |
| | | | | | | Theory | Lab | Tutorial | Clinic, Field ... | Theory | Lab | Tutorial | Clinic, Field ... | |
| 1 | ENGL 102 | General English Language2 | لغة إنجليزية عامة 2 | 3 | L2 | 1 | 0 | 2 | 0 | 1 | 0 | 4 | 0 | none |
| 2 | COMP 123 | Operating Systems | نظم التشغيل | 3 | L2 | 2 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | none |
| 3 | COMP 124 | Computer Networks | شبكات الحاسب | 3 | L2 | 2 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | none |
| 4 | COMP 127 | Digital Logic Design | تصميم المنطق الرقمي | 3 | L2 | 2 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | none |
| Total | | | | 12 | | 7 | 3 | 2 | 0 | 7 | 6 | 4 | 0 | |
| Grand Total | | | | | | 12 | | | | 17 | | | | |



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| Level 3 | | | | | | | | | | | | | | |
|--------------------|-------------|----------------------------------|-----------------------------|--------------|----------|--------------|----------|----------|-------------------|---------------|----------|----------|-------------------|--------------------------|
| # | Course Code | Course Title | اسم المقرر | Credit Units | Semester | Credit Units | | | | Contact Hours | | | | Prerequisites |
| | | | | | | Theory | Lab | Tutorial | Clinic, Field ... | Theory | Lab | Tutorial | Clinic, Field ... | Course Code |
| 1 | COMP 137 | Routing and Switching Essentials | أساسيات التوجيه والتبديل | 3 | L3 | 2 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | COMP124 |
| 2 | COMP 138 | Wireless and Mobile Networks | الشبكات اللاسلكية والمتنقلة | 3 | L3 | 2 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | COMP124 |
| 3 | COMP143 | Field Training 1 | التدريب الميداني 1 | 3 | L3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 15 hours/week | Complete 29 credit hours |
| Total | | | | 9 | | 4 | 2 | 0 | 3 | 4 | 4 | 0 | 15 | |
| Grand Total | | | | | | 9 | | | | 23 | | | | |

NOTE : EXIT POINT (Associate Diploma in Computer Network 42 credit hours)

نقطة خروج (دبلوم مشارك في شبكات الحاسب 42 ساعه معتمدة)

NOTE : Field Training-1 is mandatory for Exit Point التدريب الميداني -1 متطلب اجباري لنقطة الخروج



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• Year 2

| Level 4 | | | | | | | | | | | | | | |
|--------------------|-------------|---------------------------------------|---------------------------|--------------|----------|--------------|-----|----------|-------------------|---------------|-----|----------|-------------------|---------------|
| # | Course Code | Course Title | اسم المقرر | Credit Units | Semester | Credit Units | | | | Contact Hours | | | | Prerequisites |
| | | | | | | Theory | Lab | Tutorial | Clinic, Field ... | Theory | Lab | Tutorial | Clinic, Field ... | |
| 1 | COMP 131 | Database Concepts | مفاهيم قواعد البيانات | 3 | L4 | 2 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | none |
| 2 | COMP 219 | Cyber Security and Privacy | الأمن السيبراني والخصوصية | 3 | L4 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | none |
| 3 | COMP 220 | Systems Configuration | تهيئة وإعدادات الأنظمة | 3 | L4 | 0 | 3 | 0 | 0 | 0 | 6 | 0 | 0 | COMP123 |
| 4 | COMP 221 | Cryptography and Information Security | التشفير وأمن المعلومات | 3 | L4 | 2 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | COMP 124 |
| Total | | | | 12 | | 7 | 5 | 0 | 6 | 7 | 10 | 0 | 0 | |
| Grand Total | | | | | | 12 | | | | 17 | | | | |

| Level 5 | | | | | | | | | | | | | | |
|--------------------|-------------|--|-----------------------------|--------------|----------|--------------|-----|----------|-------------------|---------------|-----|----------|-------------------|-------------------------------------|
| # | Course Code | Course Title | اسم المقرر | Credit Units | Semester | Credit Units | | | | Contact Hours | | | | Prerequisites |
| | | | | | | Theory | Lab | Tutorial | Clinic, Field ... | Theory | Lab | Tutorial | Clinic, Field ... | |
| 1 | COMP 228 | Networks Security | أمن الشبكات | 3 | L5 | 2 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | COMP219 |
| 2 | COMP 229 | Systems Administration | إدارة الأنظمة | 2 | L5 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | COMP220 |
| 3 | COMP 136 | Digital Forensics Techniques and Tools | أدوات وتقنيات التحري الرقمي | 3 | L5 | 2 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | none |
| 4 | - | Elective Course | مقرر اختياري | 2 | L5 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | none |
| 5 | COMP 233 | Field Training -2 | التدريب الميداني 2 | 6 | L5 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 32 hours/week | COMP 143 + Complete 65 credit hours |
| 6 | MGMT 229 | Innovation Management | إدارة الابتكار | 1 | L5 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | Complete 52 credit hours |
| Total | | | | 17 | | 6 | 4 | 1 | 6 | 6 | 8 | 2 | 32 | |
| Grand Total | | | | | | 17 | | | | 48 | | | | |



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