

Année Académique: 2023/2024      Domaine: Mathématiques et Informatique  
Filière: informatique  
Spécialité: sécurité des systèmes informatiques  
Niveau: Master 1      Arrêté d'habilitation de l'offre de formation: N°326 du 01/10/2012

**PV de délibération Semestre 1 - 2023/2024 (Session :Normale)**

**Section :A**

|                                      |                | C00D0001M                 |  |            |           | C00F0001M                               |  |            |           | C00F0002M                |                         |            |           | C00M0001M                               |                       |            |           | Crédits du Semestre | Moyenne du Semestre |
|--------------------------------------|----------------|---------------------------|--|------------|-----------|---|--|------------|-----------|--------------------------|-------------------------|------------|-----------|---|-----------------------|------------|-----------|---------------------|---------------------|
|                                      |                | Anglais pour Informatique | Aspects juridiques dans la sécurité informatique | Moyenne UE | Crédit UE | Architectures des réseaux informatiques | Veille technologique et Bases de données | Moyenne UE | Crédit UE | Complexité algorithmique | Systèmes d'exploitation | Moyenne UE | Crédit UE | Introduction à la sécurité informatique | Aritmétique modulaire | Moyenne UE | Crédit UE |                     |                     |
| 1 - ABDEDDAIM Rania farah            | 202031081335   | 10.1                      | 13.75  | 11.32      | 03        | 10.55                                   | 11.8                                     | 11.18      | 10        | 10.35                    | 10.23                   | 10.28      | 08        | 9.0                                     | 7.0                   | 8.11       | 00        | 30                  | 10.03               |
| 2 - AGOUNINESSOUK Abderraouf         | 202031048007   | 8.8                       | 9.0  | 8.87       | 00        | 11.0                                    | 10.0                                     | 10.5       | 10        | 14.55                    | 10.57                   | 12.06      | 08        | 7.63                                    | 10.4                  | 8.86       | 04        | 30                  | 10.26               |
| 3 - AKDIF KHAOULA                    | 192031054118   | 3.7                       | 11.25  | 6.22       | 01        | 11.1                                    | 9.65                                     | 10.38      | 10        | 11.25                    | 8.25                    | 9.38       | 03        | 7.47                                    | 12.7                  | 9.79       | 04        | 18                  | 9.52                |
| 4 - ALOUI Ikram                      | 202031027838   | 7.3                       | 9.75   | 8.12       | 00        | 12.0                                    | 9.55                                     | 10.78      | 10        | 10.25                    | 8.13                    | 8.93       | 03        | 6.41                                    | 13.0                  | 9.34       | 04        | 17                  | 9.59                |
| 5 - AOUAIDJIA IMAD                   | 202031049143   | 14.5                      | 5.25   | 11.42      | 03        | 9.6                                     | 9.75                                     | 9.68       | 00        | 10.95                    | 5.98                    | 7.84       | 03        | 6.36                                    | 8.0                   | 7.09       | 00        | 06                  | 8.59                |
| 6 - ASMANI Lyna                      | 192031072929   | 16.35                     | 11.75  | 14.82      | 03        | 6.9                                     | 9.8                                      | 8.35       | 00        | 11.35                    | 8.18                    | 9.37       | 03        | 7.75                                    | 9.3                   | 8.44       | 00        | 06                  | 9.3                 |
| 7 - BABA AHMED Faycal                | 192031034150   | 9.05                      | 7.75   | 8.62       | 00        | 12.45                                   | 7.2                                      | 9.83       | 05        | 8.1                      | 7.57                    | 7.77       | 00        | 9.48                                    | 12.9                  | 11.0       | 09        | 14                  | 9.51                |
| 8 - BELAIDI Imad abderrahmane adem   | 202031063599   | 14.25                     | 11.75  | 13.42      | 03        | 15.44                                   | 12.7                                     | 14.07      | 10        | 13.0                     | 12.9                    | 12.94      | 08        | 11.1                                    | 10.5                  | 10.83      | 09        | 30                  | 12.73               |
| 9 - BELKADI ZAKARIA                  | 191931089458   | 0.0                       | 0.0  | 0.0        | 00        | 0.0                                     | 0.0                                      | 0.0        | 00        | 0.0                      | 0.0                     | 0.0        | 00        | 0.0                                     | 0.0                   | 0.0        | 00        | 00                  | 0.0                 |
| 10 - BELKEBIR Mehdi                  | 191931063243   | 13.0                      | 10.0   | 12.0       | 03        | 9.04                                    | 13.6                                     | 11.32      | 10        | 11.16                    | 9.02                    | 9.82       | 03        | 14.83                                   | 9.5                   | 12.46      | 09        | 30                  | 11.33               |
| 11 - BENBERNA HICHEM                 | 202031078504   | 10.1                      | 12.5   | 10.9       | 03        | 13.2                                    | 13.45                                    | 13.33      | 10        | 12.35                    | 12.9                    | 12.69      | 08        | 10.6                                    | 14.2                  | 12.2       | 09        | 30                  | 12.58               |
| 12 - BENHABYLES Said rayane          | 202031065993   | 14.45                     | 13.75  | 14.22      | 03        | 10.52                                   | 7.5                                      | 9.01       | 05        | 10.45                    | 9.7                     | 9.98       | 03        | 9.4                                     | 6.0                   | 7.89       | 00        | 11                  | 9.45                |
| 13 - BENNOUR Salah eddine hamza      | 191931063430   | 0.0                       | 0.0  | 0.0        | 00        | 0.0                                     | 0.0                                      | 0.0        | 00        | 0.0                      | 0.0                     | 0.0        | 00        | 0.0                                     | 0.0                   | 0.0        | 00        | 00                  | 0.0                 |
| 14 - BENSALAM Aya                    | 202035016843   | 15.3                      | 6.0  | 12.2       | 03        | 9.7                                     | 12.95                                    | 11.33      | 10        | 14.0                     | 7.33                    | 9.83       | 03        | 9.83                                    | 11.6                  | 10.62      | 09        | 30                  | 10.8                |
| 15 - BENTALEB Ikram                  | 191931080290   | 6.35                      | 7.0  | 6.57       | 00        | 11.7                                    | 7.95                                     | 9.83       | 05        | 8.8                      | 10.13                   | 9.63       | 05        | 9.09                                    | 8.3                   | 8.74       | 00        | 10                  | 9.12                |
| 16 - BENTOUNES Yousr mohammed rachid | 22190130438388 | 17.2                      | 14.0   | 16.13      | 03        | 14.6                                    | 13.65                                    | 14.13      | 10        | 13.4                     | 13.67                   | 13.57      | 08        | 9.8                                     | 14.2                  | 11.76      | 09        | 30                  | 13.47               |
| 17 - BENYAHIA ABDERRAHMANE ANIS      | 191931047481   | 13.83                     | 6.0  | 11.22      | 03        | 12.89                                   | 8.9                                      | 10.9       | 10        | 8.88                     | 3.8                     | 5.71       | 00        | 12.32                                   | 14.1                  | 13.11      | 09        | 30                  | 10.21               |
| 18 - BILEK SLIMANE                   | 202031050262   | 10.1                      | 7.5  | 9.23       | 02        | 17.23                                   | 13.2                                     | 15.22      | 10        | 11.9                     | 9.28                    | 10.26      | 08        | 10.77                                   | 13.0                  | 11.76      | 09        | 30                  | 12.26               |
| 19 - BOUALI Habiba                   | 191932026937   | 7.25                      | 7.0  | 7.17       | 00        | 13.2                                    | 10.4                                     | 11.8       | 10        | 12.55                    | 7.73                    | 9.54       | 03        | 10.61                                   | 10.1                  | 10.38      | 09        | 30                  | 10.31               |
| 20 - BOUDJELIDA AYMENE MOHAMED SAID  | 202031039301   | 12.5                      | 8.5  | 11.17      | 03        | 13.35                                   | 11.45                                    | 12.4       | 10        | 11.25                    | 11.42                   | 11.36      | 08        | 8.96                                    | 11.0                  | 9.87       | 04        | 30                  | 11.24               |
| 21 - BOUDRIES Karima                 | 202031016204   | 10.0                      | 9.0  | 9.67       | 02        | 10.8                                    | 9.7                                      | 10.25      | 10        | 13.15                    | 11.27                   | 11.98      | 08        | 9.47                                    | 10.0                  | 9.71       | 04        | 30                  | 10.49               |
| 22 - BOUGUESSIR Maroua               | 202031063764   | 10.8                      | 11.0   | 10.87      | 03        | 11.4                                    | 12.5                                     | 11.95      | 10        | 11.15                    | 9.78                    | 10.29      | 08        | 10.9                                    | 13.0                  | 11.83      | 09        | 30                  | 11.36               |
| 23 - BOUKHEMIA Abdelrafik            | 191931063030   | 10.6                      | 6.0  | 9.07       | 02        | 11.56                                   | 13.2                                     | 12.38      | 10        | 8.9                      | 13.52                   | 11.79      | 08        | 8.91                                    | 1.5                   | 5.62       | 00        | 20                  | 9.86                |

Nombre total des étudiants: 70

Nombre total étudiants admis: 48

Nombre des étudiants ajournés: 22

Le: 30-05-2024

Nom,Prénom et Signature des enseignants:

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|                                |              | C00D0001M                   |  |            |           | C00F0001M                               |  |            |           | C00F0002M                |                         |            |           | C00M0001M                               |                        |            |           | Crédits du Semestre | Moyenne du Semestre |
|--------------------------------|--------------|-----------------------------|--|------------|-----------|---|--|------------|-----------|--------------------------|-------------------------|------------|-----------|---|------------------------|------------|-----------|---------------------|---------------------|
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| 24 - BOULEMALI Mohamed tamer   | 202031043575 | 8.9                         | 7.0  | 8.27       | 00        | 12.95                                   | 10.7                                     | 11.83      | 10        | 16.4                     | 7.6                     | 10.9       | 08        | 7.48                                    | 10.1                   | 8.64       | 04        | 30                  | 10.27               |
| 25 - BRAHIMI Nesrine           | 202031077044 | 12.4                        | 9.25   | 11.35      | 03        | 10.25                                   | 8.0                                      | 9.13       | 05        | 9.7                      | 8.32                    | 8.84       | 00        | 8.79                                    | 10.1                   | 9.37       | 04        | 12                  | 9.35                |
| 26 - CHAABANE KHAOULA          | 202031046110 | 10.5                        | 12.5   | 11.17      | 03        | 9.75                                    | 7.45                                     | 8.6        | 00        | 10.2                     | 11.2                    | 10.83      | 08        | 9.26                                    | 13.0                   | 10.92      | 09        | 30                  | 10.15               |
| 27 - CHEGROUNE Ikram           | 202031085443 | 13.05                       | 8.5  | 11.53      | 03        | 12.85                                   | 11.3                                     | 12.08      | 10        | 8.75                     | 8.87                    | 8.83       | 00        | 8.59                                    | 12.1                   | 10.15      | 09        | 30                  | 10.58               |
| 28 - CHERAIR MOHAMED NABIL     | 161731065061 | 10.75                       | 12.0   | 11.17      | 03        | 9.0                                     | 8.75                                     | 8.88       | 00        | 10.0                     | 12.13                   | 11.33      | 08        | 9.89                                    | 7.2                    | 8.69       | 00        | 11                  | 9.71                |
| 29 - DJEHAICHE Maroua fella    | 202031087068 | 10.5                        | 12.0   | 11.0       | 03        | 8.9                                     | 10.8                                     | 9.85       | 05        | 13.7                     | 9.12                    | 10.84      | 08        | 9.77                                    | 10.6                   | 10.14      | 09        | 30                  | 10.32               |
| 30 - DJENNANE Lyna             | 202031060763 | 12.65                       | 14.25  | 13.18      | 03        | 12.6                                    | 13.45                                    | 13.03      | 10        | 14.1                     | 13.38                   | 13.65      | 08        | 9.76                                    | 8.9                    | 9.38       | 00        | 30                  | 12.12               |
| 31 - DOUDOU Mohamed hamza      | 202031066805 | 16.55                       | 8.75   | 13.95      | 03        | 13.7                                    | 12.05                                    | 12.88      | 10        | 11.8                     | 9.62                    | 10.44      | 08        | 8.96                                    | 10.6                   | 9.69       | 04        | 30                  | 11.38               |
| 32 - ELHAMER YACINE            | 191938044918 | 16.5                        | 6.5  | 13.17      | 03        | 8.06                                    | 9.3                                      | 8.68       | 00        | 11.34                    | 14.18                   | 13.12      | 08        | 15.42                                   | 10.3                   | 13.14      | 09        | 30                  | 11.65               |
| 33 - FAHAM Billel              | 191931029237 | 9.0                         | 5.0  | 7.67       | 00        | 15.3                                    | 12.15                                    | 13.73      | 10        | 10.25                    | 13.17                   | 12.08      | 08        | 11.54                                   | 14.7                   | 12.94      | 09        | 30                  | 12.45               |
| 34 - HABBOUCHE Scintia         | 202031085865 | 15.9                        | 12.0   | 14.6       | 03        | 8.05                                    | 11.85                                    | 9.95       | 05        | 11.1                     | 11.17                   | 11.14      | 08        | 12.24                                   | 11.4                   | 11.87      | 09        | 30                  | 11.31               |
| 35 - HALLAH MOHAMED ALI        | 202031063154 | 10.5                        | 5.0  | 8.67       | 02        | 13.5                                    | 10.3                                     | 11.9       | 10        | 11.0                     | 10.35                   | 10.59      | 08        | 9.34                                    | 10.3                   | 9.77       | 04        | 30                  | 10.59               |
| 36 - HEBHOUB Tarek ziad        | 202039024022 | 7.2                         | 7.25   | 7.22       | 00        | 12.35                                   | 12.0                                     | 12.18      | 10        | 12.95                    | 11.55                   | 12.08      | 08        | 11.15                                   | 8.4                    | 9.93       | 05        | 30                  | 10.98               |
| 37 - HEBRI Oussama             | 202031046670 | 10.0                        | 11.25  | 10.42      | 03        | 15.0                                    | 12.85                                    | 13.93      | 10        | 11.95                    | 8.35                    | 9.7        | 03        | 10.6                                    | 14.0                   | 12.11      | 09        | 30                  | 11.91               |
| 38 - HERAOUA MOHAMED MEROUANE  | 202031058767 | 12.8                        | 10.25  | 11.95      | 03        | 11.2                                    | 12.25                                    | 11.73      | 10        | 12.7                     | 9.12                    | 10.46      | 08        | 11.41                                   | 10.3                   | 10.92      | 09        | 30                  | 11.17               |
| 39 - IOUALALEN Imane           | 202031080627 | 15.05                       | 9.5  | 13.2       | 03        | 11.1                                    | 11.2                                     | 11.15      | 10        | 10.85                    | 9.87                    | 10.24      | 08        | 8.65                                    | 12.1                   | 10.18      | 09        | 30                  | 10.82               |
| 40 - ISSAADI Kaouther ismahane | 202031076012 | 14.15                       | 12.5   | 13.6       | 03        | 12.7                                    | 12.15                                    | 12.43      | 10        | 12.1                     | 7.67                    | 9.33       | 03        | 10.24                                   | 10.9                   | 10.53      | 09        | 30                  | 11.15               |
| 41 - KECHID Yasmine            | 202031085844 | 10.1                        | 11.75  | 10.65      | 03        | 14.15                                   | 11.25                                    | 12.7       | 10        | 9.7                      | 11.22                   | 10.65      | 08        | 11.34                                   | 10.1                   | 10.79      | 09        | 30                  | 11.38               |
| 42 - KENDJOUA Chouaib          | 181831054713 | 15.3                        | 10.75  | 13.78      | 03        | 11.75                                   | 4.6                                      | 8.18       | 05        | 10.0                     | 7.9                     | 8.69       | 03        | 10.24                                   | 11.6                   | 10.84      | 09        | 20                  | 9.67                |
| 43 - KENDJOUH Abderrahim       | 202031044846 | 10.85                       | 11.25  | 10.98      | 03        | 12.92                                   | 11.5                                     | 12.21      | 10        | 9.75                     | 11.33                   | 10.74      | 08        | 9.78                                    | 8.4                    | 9.17       | 00        | 30                  | 10.78               |
| 44 - KHOUAZEM SAMY             | 191931046461 | 8.95                        | 7.25   | 8.38       | 00        | 7.5                                     | 3.1                                      | 5.3        | 00        | 3.8                      | 6.12                    | 5.25       | 00        | 6.45                                    | 8.7                    | 7.45       | 00        | 00                  | 6.24                |
| 45 - KIRAT Ali wassim          | 202031066755 | 9.0                         | 11.0   | 9.67       | 01        | 14.85                                   | 13.8                                     | 14.33      | 10        | 12.15                    | 11.7                    | 11.87      | 08        | 10.96                                   | 15.5                   | 12.98      | 09        | 30                  | 12.8                |
| 46 - KORDJANI Messaoud nadjib  | 181831080923 | 12.3                        | 8.25   | 10.95      | 03        | 15.4                                    | 10.25                                    | 12.83      | 10        | 7.9                      | 8.23                    | 8.11       | 00        | 10.3                                    | 10.5                   | 10.39      | 09        | 30                  | 10.65               |
| 47 - LAIB Anis                 | 202031039299 | 15.45                       | 10.0   | 13.63      | 03        | 17.55                                   | 14.1                                     | 15.83      | 10        | 14.95                    | 11.42                   | 12.74      | 08        | 11.71                                   | 15.4                   | 13.35      | 09        | 30                  | 14.04               |
| 48 - LARBI Abderrahmane        | 202038007997 | 11.8                        | 7.0  | 10.2       | 03        | 15.05                                   | 14.5                                     | 14.78      | 10        | 12.1                     | 11.68                   | 11.84      | 08        | 12.22                                   | 12.7                   | 12.43      | 09        | 30                  | 12.83               |
| 49 - M'BARKI Taha sidi ali     | 202032016213 | 5.3                         | 7.5  | 6.03       | 00        | 4.35                                    | 5.9                                      | 5.13       | 00        | 8.85                     | 4.02                    | 5.83       | 00        | 1.77                                    | 8.5                    | 4.76       | 00        | 00                  | 5.3                 |
| 50 - MADANI Mohamed            | 202031043564 | 10.0                        | 8.5  | 9.5        | 02        | 11.65                                   | 10.75                                    | 11.2       | 10        | 14.15                    | 10.33                   | 11.76      | 08        | 9.4                                     | 12.5                   | 10.78      | 09        | 30                  | 11.05               |

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| 51 - MAROUFI Moussaab ilyes      | 202031066379 | 12.1                        | 7.75   | 10.65      | 03        | 13.74                                   | 12.25                                    | 13.0       | 10        | 10.4                     | 11.03                   | 10.79      | 08        | 11.02                                   | 11.3                   | 11.14      | 09        | 30                  | 11.62               |
| 52 - MILOUDI Bilel               | 202031066667 | 10.55                       | 9.75   | 10.28      | 03        | 10.6                                    | 8.7                                      | 9.65       | 05        | 10.5                     | 10.33                   | 10.39      | 08        | 7.01                                    | 7.4                    | 7.18       | 00        | 16                  | 9.17                |
| 53 - MOKDAD Abderrahmane         | 202031084734 | 11.2                        | 9.5  | 10.63      | 03        | 13.2                                    | 11.7                                     | 12.45      | 10        | 13.75                    | 10.33                   | 11.61      | 08        | 10.89                                   | 10.0                   | 10.49      | 09        | 30                  | 11.46               |
| 54 - MOUMEN Samir                | 231535033153 | 10.0                        | 3.25   | 7.75       | 02        | 11.0                                    | 9.4                                      | 10.2       | 10        | 11.1                     | 8.38                    | 9.4        | 03        | 12.24                                   | 10.1                   | 11.29      | 09        | 30                  | 10.07               |
| 55 - MOUSSAOUI RYM               | 191931068672 | 0.0                         | 0.0  | 0.0        | 00        | 0.0                                     | 0.0                                      | 0.0        | 00        | 0.0                      | 0.0                     | 0.0        | 00        | 0.0                                     | 0.0                    | 0.0        | 00        | 00                  | 0.0                 |
| 56 - NEKACHE Oussama             | 202034059314 | 10.1                        | 11.25  | 10.48      | 03        | 14.2                                    | 11.95                                    | 13.08      | 10        | 12.65                    | 9.85                    | 10.9       | 08        | 9.15                                    | 12.4                   | 10.59      | 09        | 30                  | 11.49               |
| 57 - OUADIA Mohamed abdelwaheb   | 202031075710 | 0.0                         | 0.0  | 0.0        | 00        | 0.0                                     | 0.0                                      | 0.0        | 00        | 0.0                      | 0.0                     | 0.0        | 00        | 0.0                                     | 0.0                    | 0.0        | 00        | 00                  | 0.0                 |
| 58 - OULD HAMMOUDA Racym makhlof | 202031058151 | 13.4                        | 6.75   | 11.18      | 03        | 13.18                                   | 8.9                                      | 11.04      | 10        | 13.55                    | 10.68                   | 11.76      | 08        | 11.24                                   | 11.8                   | 11.49      | 09        | 30                  | 11.38               |
| 59 - RAI Hibet allah             | 202031043685 | 10.2                        | 11.0   | 10.47      | 03        | 15.71                                   | 12.5                                     | 14.11      | 10        | 13.95                    | 10.22                   | 11.62      | 08        | 9.67                                    | 14.5                   | 11.82      | 09        | 30                  | 12.4                |
| 60 - RARRBO Mohamed amine        | 202031063905 | 10.0                        | 9.5  | 9.83       | 02        | 10.45                                   | 7.8                                      | 9.13       | 05        | 12.6                     | 9.42                    | 10.61      | 08        | 9.75                                    | 7.2                    | 8.62       | 00        | 15                  | 9.44                |
| 61 - SALEM Salah                 | 171831059700 | 10.3                        | 5.0  | 8.53       | 02        | 16.05                                   | 9.0                                      | 12.53      | 10        | 9.56                     | 12.73                   | 11.54      | 08        | 13.88                                   | 11.5                   | 12.82      | 09        | 30                  | 11.95               |
| 62 - SEDDIKI ADEM                | 202031085392 | 11.15                       | 10.75  | 11.02      | 03        | 13.2                                    | 10.45                                    | 11.83      | 10        | 12.75                    | 11.45                   | 11.94      | 08        | 11.34                                   | 13.6                   | 12.34      | 09        | 30                  | 11.93               |
| 63 - SEDKAOUI Nazim              | 202031077157 | 12.6                        | 7.75   | 10.98      | 03        | 17.65                                   | 13.9                                     | 15.78      | 10        | 13.5                     | 12.5                    | 12.88      | 08        | 10.53                                   | 12.0                   | 11.18      | 09        | 30                  | 13.15               |
| 64 - SEKHRI ABDELALI             | 191931046427 | 8.5                         | 5.0  | 7.33       | 00        | 11.0                                    | 11.3                                     | 11.15      | 10        | 10.72                    | 7.0                     | 8.4        | 03        | 13.85                                   | 13.8                   | 13.83      | 09        | 30                  | 10.84               |
| 65 - SIDALI FAZIA                | 181931024565 | 0.0                         | 0.0  | 0.0        | 00        | 0.0                                     | 0.0                                      | 0.0        | 00        | 0.0                      | 0.0                     | 0.0        | 00        | 0.0                                     | 0.0                    | 0.0        | 00        | 00                  | 0.0                 |
| 66 - TASSADIT Abderrahmane       | 202031067065 | 7.45                        | 11.0   | 8.63       | 01        | 12.4                                    | 11.15                                    | 11.78      | 10        | 11.5                     | 14.03                   | 13.08      | 08        | 11.9                                    | 12.4                   | 12.12      | 09        | 30                  | 11.91               |
| 67 - TELDJ AYMEN                 | 191931088399 | 0.0                         | 0.0  | 0.0        | 00        | 0.0                                     | 0.0                                      | 0.0        | 00        | 0.0                      | 0.0                     | 0.0        | 00        | 2.07                                    | 0.0                    | 1.15       | 00        | 00                  | 0.35                |
| 68 - YAHYAOUI Mounir             | 202031076034 | 12.8                        | 12.25  | 12.62      | 03        | 10.25                                   | 13.8                                     | 12.03      | 10        | 11.25                    | 10.18                   | 10.58      | 08        | 9.08                                    | 9.0                    | 9.04       | 00        | 30                  | 10.81               |
| 69 - ZIOUANE RAYANE SYPHAX       | 202031047995 | 12.05                       | 13.25  | 12.45      | 03        | 12.8                                    | 11.95                                    | 12.38      | 10        | 13.35                    | 9.85                    | 11.16      | 08        | 11.13                                   | 12.5                   | 11.74      | 09        | 30                  | 11.87               |
| 70 - mekki imene                 | 20209DZA9108 | 14.3                        | 9.75   | 12.78      | 03        | 9.15                                    | 13.3                                     | 11.23      | 10        | 13.6                     | 9.85                    | 11.26      | 08        | 11.17                                   | 11.8                   | 11.45      | 09        | 30                  | 11.46               |

Nombre total des étudiants: 70

Nombre total étudiants admis: 48

Nombre des étudiants ajournés: 22

Le: 30-05-2024

Nom,Prénom et Signature des enseignants:

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