**Content**

| Course Code | Course Name | Semester | Theory | Practice | Lab | Credit | ECTS |
|---|---|---|---|---|---|---|---|
| GMI204 | Automatic Control | 4 | 2 | 0 | 1 | 2.5 | 4 |

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| Prerequisites | |
| Admission Requirements | |

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| Language of Instruction | |
| Course Type | |
| Course Level | Associate Degree |
| Objective | |
| Content | |
| References | |

**Theory Topics**

| Week | Weekly Contents |
|---|---|
| 1 | Introduction to concepts |
| 2 | Application of controls in the engine room and pneumatic valves |
| 3 | pneumatic symbols |
| 4 | pneumatic control of the main machine |
| 5 | velocity and load control of the main machine |
| 6 | velocity and load control of the generator |
| 7 | General Evaluation |
| 8 | Mid term |
| 9 | separator control systems |
| 10 | moving and non-moving propellers |
| 11 | control of the steering machines |
| 12 | measuring systems and their control |
| 13 | Scavenge air combustion control |
| 14 | Signal evaluation, censors, engine room alarm systems |