

Content

| Course Code | Course Name | Semester | Theory | Practice | Lab | Credit | ECTS |
|-------------|-------------------------|----------|--------|----------|-----|--------|------|
| IND358 | Productivity Management | 5 | 3 | 0 | 0 | 3 | 4 |

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| Prerequisites | |
| Admission Requirements | |

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| Language of Instruction | French |
| Course Type | Elective |
| Course Level | Bachelor Degree |
| Objective | Productivity Management course, related to the efficiency of manufacturing and service systems management tools, aims at teaching styles and approaches. |
| Content | 1 / Productivity Concept and Related Concepts 2 / Productivity Measures. Why is productivity measured? 3 / Productivity and Performance 4 / Productivity Management and Efficiency Factors 5 / Unit Cost Efficiency 6 / Unit Cost Efficiency-enhancing recommendations 7 / Unit Cost Efficiency examples 8 / Productivity Planning and Programming 9/ Mid Term Exam 10 / Service Productivity Management Systems 11 / Production Systems Productivity Management 12 / Differences in Productivity Management Service and Production Systems 13 / Labor Productivity and its Importance 14 / Positive and Negative Productivity Cycle |
| References | 1/ Course notes. 2/ P. Vrat, Productivity Management: A Systems Approach. 3/ John Heap, Productivity Management: A Fresh Approach. |

Theory Topics

| Week | Weekly Contents |
|------|---|
| 1 | Productivity Concept and Related Concepts |
| 2 | Productivity Measures. Why is productivity measured? |
| 3 | Productivity and Performance |
| 4 | Productivity Management and Efficiency Factors |
| 5 | Unit Cost Efficiency |
| 6 | Unit Cost Efficiency-enhancing recommendations |
| 7 | Unit Cost Efficiency examples |
| 8 | Productivity Planning and Programming |
| 9 | Mid Term Exam |
| 10 | Service Productivity Management Systems |
| 11 | Production Systems Productivity Management |
| 12 | Differences in Productivity Management Service and Production Systems |

| Week | Weekly Contents |
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| 13 | Labor Productivity and its Importance |
| 14 | Positive and Negative Productivity Cycle |