

BOARD OF TECHNICAL EDUCATION , GOA STATE
PROGRAMME STRUCTURE- 07- FABRICATION TECH & ERECT. ENGG

(Subjects not offered till May 2010 are deleted and not to be offered without consent of BTE)

| Sr. No | E/ C | SUBJ CODE | SUBJECTNAME | TEACHING SCHEME | | EXAMINATION SCHEME | | | |
|------------------------|------|-----------|--------------------------------|-----------------|-------|--------------------|----------|--------|--------|
| | | | | Lect | Pract | MAX TH | MAX TEST | MAX PR | MAX TW |
| SEMESTER I | | | | | | | | | |
| 1 | C | 1001-S | COMMUNICATION SKILLS-I | - | 2 | 0 | 0 | 50 | 50 |
| 2 | C | 1002-S | ENGINEERING MATHS-I | 5 | - | 75 | 25 | 0 | 0 |
| 3 | C | 1004-S | APPLIED PHYSICS-I | 3 | 2 | 75 | 25 | 0 | 25 |
| 4 | C | 1006-S | APPLIED CHEMISTRY | 3 | 2 | 75 | 25 | 50 | 25 |
| 5 | C | 1010-S | COMPUTER TECHNIQUES | 1 | 3 | 0 | 0 | 50 | 50 |
| 6 | C | 2001-S | ENGINEERING DRAWING-I | 2 | 4 | 0 | 0 | 0 | 100 |
| 7 | C | 2003-S | BASIC WORKSHOP PRACT-I | - | 4 | 0 | 0 | 0 | 100 |
| SEMESTER II | | | | | | | | | |
| 1 | C | 1003-S | ENGINEERING MATHS-II | 5 | - | 75 | 25 | 0 | 0 |
| 2 | C | 1005-S | APPLIED PHYSICS-II | 3 | 2 | 75 | 25 | 50 | 25 |
| 3 | C | 2002-S | ENGINEERING DRAWING-II | 2 | 4 | 0 | 0 | 0 | 100 |
| 4 | C | 2005-S | APPLIED MECHANICS-I | 3 | 2 | 75 | 25 | 0 | 25 |
| 5 | C | 2008-S | FABRICATION W/S PRACT-II | - | 2 | 0 | 0 | 0 | 25 |
| 6 | C | 3013-S | COMM. SKILLS-II | - | 2 | 0 | 0 | 50 | 50 |
| 7 | C | 3108-S | ENVIRONMENTAL STUDIES | 3 | 1 | 75 | 25 | 0 | 25 |
| SEMESTER III | | | | | | | | | |
| 1 | C | 2006-S | APPLIED MECHANICS-II | 3 | 2 | 75 | 25 | 0 | 25 |
| 2 | C | 3001-S | ELE OF ELECTRICAL ENGG. | 3 | 2 | 75 | 25 | 0 | 25 |
| 3 | C | 3004-S | ELEMENTS OF MECH. ENGG. | 3 | 1 | 75 | 25 | 0 | 25 |
| 4 | C | 3011-S | AUTOCAD | 0 | 4 | 0 | 0 | 50 | 50 |
| 5 | C | 4231-S | CHEMISTRY OF WELDING PROC | 3 | 0 | 75 | 25 | 0 | 0 |
| 6 | C | 4233-S | FABRICATION PROCESS-I | 3 | 2 | 75 | 25 | 0 | 25 |
| SEMESTER VI | | | | | | | | | |
| 1 | C | 3003-S | ELEMENTS OF CIVIL ENG | 3 | 2 | 75 | 25 | 0 | 25 |
| 2 | C | 4232-S | MATERIAL & STRUCT | 3 | 2 | 75 | 25 | 0 | 25 |
| 3 | C | 4234-S | FABRICATION DRAWING | 2 | 4 | 75 | 25 | 0 | 50 |
| 4 | C | 4236-S | FABRICATION PROCESS-II | 3 | 4 | 75 | 25 | 50 | 50 |
| 5 | C | 4237-S | WELDING TECHNOLOGY-I | 4 | 4 | 75 | 25 | 50 | 50 |
| 6 | C | 4238-S | MATERIALS & PROCESSES | 3 | 0 | 75 | 25 | 0 | 0 |
| SEMESTER V | | | | | | | | | |
| 1 | C | 6013-S | FABRICATION TRAINING PHASE-I | 26 Weeks | | 0 | 0 | 200 | 100 |
| SEMESTER VI | | | | | | | | | |
| 0 | C | 4022-S | THEORY OF STRUCTURES -I | 4 | - | 75 | 25 | 0 | 0 |
| 2 | C | 4240-S | WELDING TECHNOLOGY | 4 | 4 | 75 | 25 | 100 | 50 |
| 3 | C | 4242-S | FABRICATION ESTIMATION & COSTI | 4 | 2 | 75 | 25 | 25 | 50 |
| 4 | C | 4246-S | ERECTION ENGINEERING | 3 | 4 | 75 | 25 | 0 | 50 |
| 5 | C | 5042-S | SAFETY ENGINEERING | 3 | 2 | 75 | 25 | 50 | 25 |
| 6 | E1 | 3005-S | INDUSTRIAL ORG & MGMT | 4 | - | 75 | 25 | 0 | 0 |
| 7 | E1 | 3014-S | MARKETING MANAGEMENT | 3 | - | 75 | 25 | 0 | 0 |
| 8 | E1 | 3007-S | ENTREPRENEURSHIP DEVEL. | 3 | - | 75 | 25 | 0 | 0 |
| 9 | E1 | 3009-S | NON CONV. SOURCES OF ENERGY | 3 | - | 75 | 25 | 0 | 0 |
| ANY ONE FROM E1 | | | | | | | | | |

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|--|-----|-----------|--------------------------------|-----------------|-------|--------------------|----------|--------|--------|
| | | | | Lect | Pract | MAX TH | MAX TEST | MAX PR | MAX TW |
| SEMESTER VII | | | | | | | | | |
| 1 | C | 4023-S | THEORY OF STRUCTURE (A)-II | 3 | - | 75 | 25 | 0 | 0 |
| 2 | C | 4024-S | DESIGN OF STRUCTURE (STEEL) | 4 | 4 | 75 | 25 | 25 | 50 |
| 3 | C | 4244-S | QUALITY CONTROL & INSPECTION | 3 | 2 | 75 | 25 | 0 | 25 |
| 4 | C | 4248-S | FABRICATION PROJECT | - | 4 | 0 | 0 | 50 | 100 |
| 5 | E2 | 5339-S | OFF-SHORE STRUCTURES | 3 | 2 | 75 | 25 | 25 | 25 |
| 6 | E2 | 5341-S | FABRICATION OF BOILERS & P.V. | 3 | 2 | 75 | 25 | 25 | 25 |
| 7 | E2 | 5342-S | PIPING FABRICATION & INSTALLAT | 3 | 2 | 75 | 25 | 25 | 25 |
| ANY TWO FROM E2 | | | | | | | | | |
| SEMESTER VIII | | | | | | | | | |
| 1 | C | 6014-S | FABRICATION TRAINING PHASE-II | 27 Weeks | | 0 | 0 | 200 | 100 |
| The following subjects were offered in MPEECS which shall be considered in transfer cases from MPEECS to Semester Pattern. These subjects are applicable for transfer cases only | | | | | | | | | |
| 1 | E1 | 3010 | OPERATION RESEARCH | | | | | | |
| 2 | E2 | 5337-S | REPAIR & MAINTENANCE WELDING | 3 | 2 | 75 | 25 | 25 | 25 |
| 3 | E2 | 5338-S | SURFACE TREAT. & CORR. PREV. | 3 | 2 | 75 | 25 | 25 | 25 |