**EGD – GRADE 12 2023**

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| **TOPIC** | **ASSESSMENT STANDARDS** | **PORTFOLIO ASSESSMENT TASKS** |
| **PHASE 1 (14 November 2022 – 10 March 2023)** | | |
| **Mechanical Drawing**  **Civil drawings** | Mechanical Analytical | **CD 1 & 2**  Two Coursework  Drawings. 9 Dec 2022    **Controlled Test A (CD 3)**  30 Jan – 3 Feb  **CD 4 & 5**  Two Coursework  drawings. 24 Feb  **Controlled Test (CD6)**  6 – 10 March |
| Mechanical Assembly |
| Civil Floor plan with Elevations |
| Civil Sectional Elevation |
| Civil Analytical |
| Two-Point Perspective |
| **PAT** | PAT Phase 1 | **PAT PHASE 1**  10 March |
| **PHASE 2 (13 March 2023 – 9 June 2023)** | | |
| **Mechanical Drawings** | Isometric | **CD 7 & 8**  Two Coursework  drawings. 21 April  **CD 9 & 10**  Two Coursework  drawings. 19 May  **JUNE EXAMS**  22 May – 9 June |
| Solid Geometry |
| Interpenetration & Development |
| Mechanical Assembly |
| **PAT** | PAT Phase 2 & 3 | **PAT Phase 2 & 3**  14 Aug |
| **PHASE 3 (12 June 2023 – 20 October 2023)** | | |
| **Loci (Helix) (Cams)** | Development of a Transition Piece | **CD 11, 12 & 13**  Three Coursework  drawings. 4 Aug  **CD 14 & 15**  Two Coursework  drawings. 18 August  **TRIALS EXAMS**  28 Aug – 15 Sept |
| Mechanisms |
| Helix, Spiral, Chutes, Coil springs, square thread |
| Cam |