**Design 2017 - REII/EEII/INEM 327**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | **Student particulars** | | | | **Surname** | **Initials** | **Student number** | |  |  |  | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Demonstrate knowledge and understanding of engineering management principles and apply these to one’s own work, as a member and leader in a technical team and to manage projects. | | | | | | **ECSA ELO 8 ASSESSMENT FORM - Individual and teamwork** | | | | | | **ELO 8 – Applicable range statement** | | | | | | 1. The ability to manage a project should be demonstrated in the form of a **design project**. | | | | | | 1. Tasks are **discipline specific** and within the technical competence of the graduate. | | | | | | 1. Projects could include: laboratories, business plans, or **design**. | | | | | | 1. Management principles including **planning**, **organising**, **leading**, and **controlling**. | | | | | | **ELO 8 - Assessment** | | | | | | **Specific criteria** | **Result** | | **Internal assessment**  **(🗸)** | **External moderation**  **(🗸)** | | **Fail (x)** | **Pass (x)** | | **Statements 1 – 3: A design project was selected to allow for discipline-specific tasks.** | | | | | | **Statement 4: Management principles, as follows:** | | | | | | **Technical and project planning** | | | | | | Evidence that the team member has been allocated individual work in line with the system breakdown, including a schedule for indvidual work. |  |  |  |  | | Evidence that the team has collaborated to ensure integrated work planning by providing an integrated system diagram, including an integrated project schedule. |  |  |  |  | | **Organising** | | | | | | Evidence that each team member has been assigned work within that individual’s field of expertise in line with techical and academic requirements. |  |  |  |  | | **Leading** | | | | | | Each team member shall have the opportunity to lead proceedings and decisions in a meeting by providing authentic minutes of meetings on a rotational basis. |  |  |  |  | | **Controlling** | | | | | | Technical control in the form of a system specification (requirements) as evidence that the member has functioned as member of a team. |  |  |  |  | | Technical control in the form of a sub-system specification where each member has her / his own specification. |  |  |  |  | | Evidence of change control (variations) as recorded in minutes of meetings and managed as issues / risks. |  |  |  |  | | **Internal examination** | | | | | | **Comments:** | | | | | |  | | | | | |  | | | | | | **External moderation** | | | | | | **Comments:** | | | | | |  | | | | | |  | | | | | |

Examiner Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ External Moderator Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: 2017/\_\_\_\_\_\_\_ /\_\_\_\_\_\_\_