

**Office of Head of Department**

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Department: Industrial and Systems Engineering

**Date:** 7 March 2017

**Dear DISE student**

**RE: National Diploma in Engineering: Industrial S1&S3 and S2&S4 offering that is out-of-phase with the normal offering**

The Department of DISE plans to phase out the current pipeline students, which include the last 2017 intake as depicted as in Tables 1, 2, 3 & 4 below. The following out-of-phase subjects will be offered, with the normal required subject offering. Some S2&S4 subjects will be offered during Semester 1 (January to June) and some selected S1&S3 subjects will be offered during Semester 2 (July to December) to allow pipeline students to complete their qualifications on the current National Diploma in Engineering: Industrial.

This is a specific phase out plan offered to students over a limited time period and will be discontinued as indicated in the tables below. This phase-out plan provides pipeline students with at least **2** (two) opportunities (inclusive of all previous, current, new or repeat registrations) to finish the relevant subject[s]. These subjects will also still be offered for the normal semester programme as required.

**NB: Both the out of phase (O) offering and the normal (N) offering is indicated in the Table 1 below.**

**Table1:** S1 subjects to be offered

<b>S1 subjects to be offered</b>		<b>Minimum number of students required</b>
<b>2017:Semester 1 (N) &amp; 2 (O)</b>	<b>End of 2017</b>	
COMPUTER SKILLS1 (CMS102S)	<b>Current ND: S1 offering discontinued</b>	<b>10</b>
COMMUNICATION SKILLS 1 (COM106S)		<b>10</b>
ELECTROTECHNOLOGY 1 (ELC103S)		<b>10</b>
MATHEMATICS 1 (MAT108S)		<b>10</b>
MECHANICS 1 (MEM100S)		<b>10</b>
MECHANICAL ENGINEERING DRAWING 1 (MIT100S)		<b>10</b>
MECHANICAL MANUFACTURING ENGINEERING 1 (MMG100S)		<b>10</b>

Students who have **not** yet completed S1 subjects after two attempts is effectively still first year students and **will be moved** to the new HEQSF aligned Diploma that starts in 2018 if they meet satisfactory academic performance.

**Table 2:** S2 subjects to be offered

<b>S2 subjects to be offered</b>				<b>Minimum number of students required</b>
<b>2017:Sem 1 (O) &amp; 2 (N)</b>	<b>2018:Sem 1 (O)</b>	<b>2018:Sem 2 (O)</b>	<b>End of 2018</b>	
ENGINEERING WORK STUDY 1 (EWY100S)	ENGINEERING WORK STUDY 1 (EWY100S)	ENGINEERING WORK STUDY 1 (EWY100S)	<b>Current ND: S2 offering discontinued</b>	<b>10</b>
MATHEMATICS 2 (MAT207S)	MATHEMATICS 2 (MAT207S)	MATHEMATICS 2 (MAT207S)		<b>10</b>
MANUFACTURING RELATIONS 2 (MFR200S)	MANUFACTURING RELATIONS 2 (MFR200S)	MANUFACTURING RELATIONS 2 (MFR200S)		<b>10</b>
MECHANICAL MANUFACTURING ENGINEERING INDUSTRIAL 1 (MMG200S)	MECHANICAL MANUFACTURING ENGINEERING INDUSTRIAL 1 (MMG200S)	MECHANICAL MANUFACTURING ENGINEERING INDUSTRIAL 1 (MMG200S)		<b>10</b>
PRODUCTION ENGINEERING INDUSTRIAL 1 (PIB100S)	PRODUCTION ENGINEERING INDUSTRIAL 1 (PIB100S)	PRODUCTION ENGINEERING INDUSTRIAL 1 (PIB100S)		<b>10</b>
QUALITATIVE TECHNIQUES 1 (QUA100S)	QUALITATIVE TECHNIQUES 1 (QUA100S)	QUALITATIVE TECHNIQUES 1 (QUA100S)		<b>10</b>

Student who have not completed their S2 by end of 2018 are effectively still first year students and **will be moved** to the new HEQSF aligned qualification if they satisfy all articulation requirements and if they meet satisfactory academic performance.

**Table 3:** S3 subjects to be offered

<b>S3 subjects to be offered</b>				<b>Minimum number of students required</b>
<b>2017:Sem 1(N) 2(O)</b>	<b>2018:Sem 1(O) &amp; 2(O)</b>	<b>2019:Sem 1(O) &amp; 2(O)</b>	<b>End of 2019</b>	
COMPUTER AIDED DRAUGHTING 1 (CAD102S0)	COMPUTER AIDED DRAUGHTING 1 (CAD102S0)	COMPUTER AIDED DRAUGHTING 1 (CAD102S0)	<b>Current ND: S3 offering discontinued</b>	<b>10</b>
COSTING 2 (CSG200S)	COSTING 2 (CSG200S)	COSTING 2 (CSG200S)		<b>10</b>
ENGINEERING WORK STUDY 2 (EWY200S)	ENGINEERING WORK STUDY 2 (EWY200S)	ENGINEERING WORK STUDY 2 (EWY200S)		<b>10</b>
MATHEMATICS 3 (MAT302S)	MATHEMATICS 3 (MAT302S)	MATHEMATICS 3 (MAT302S)		<b>10</b>
PRODUCTION ENGINEERING INDUSTRIAL 2 (PIB200S)	PRODUCTION ENGINEERING INDUSTRIAL 2 (PIB200S)	PRODUCTION ENGINEERING INDUSTRIAL 2 (PIB200S)		<b>10</b>
QUALITY ASSURANCE (QAS200S)	QUALITY ASSURANCE (QAS200S)	QUALITY ASSURANCE (QAS200S)		<b>10</b>

Student who have not completed their S3 by 2019 are effectively still second year students and **will be moved** to the new HEQSF aligned qualification if they satisfy all articulation requirements and if they meet satisfactory academic performance.

**Table 4:** S4 subjects to be offered

<b>S4 subjects to be offered</b>				<b>Minimum number of students required</b>
<b>2017:Sem 1(O)&amp;2(N)</b>	<b>2018:Sem 1 &amp; 2 (O)</b>	<b>2019:Sem 1 &amp; 2 (O)</b>	<b>End of 2019</b>	
AUTOMATION 2 (AUN300S)	AUTOMATION 2 (AUN300S)	AUTOMATION 2 (AUN300S)	<b>Current ND: S4 offering discontinued</b>	<b>10</b>
ENGINEERING WORK STUDY 3 (EWY300S)	ENGINEERING WORK STUDY 3 (EWY300S)	ENGINEERING WORK STUDY 3 (EWY300S)		<b>10</b>
FACILITY LAY-OUT & MATERIALS HANDELING 2 (FAM200S)	FACILITY LAY-OUT & MATERIALS HANDELING 2 (FAM200S)	FACILITY LAY-OUT & MATERIALS HANDELING 2 (FAM200S)		<b>10</b>
INDUSTRIAL ACCOUNTING 3 (IAT300S)	INDUSTRIAL ACCOUNTING 3 (IAT300S)	INDUSTRIAL ACCOUNTING 3 (IAT300S)		<b>10</b>
INDUSTRIAL LEADERSHIP 3 (INL300S)	INDUSTRIAL LEADERSHIP 3 (INL300S)	INDUSTRIAL LEADERSHIP 3 (INL300S)		<b>10</b>
OPERATIONAL RESEARCH 3 (ORE300S)	OPERATIONAL RESEARCH 3 (ORE300S)	OPERATIONAL RESEARCH 3 (ORE300S)		<b>10</b>

Student who have not completed their S4 by 2019 are effectively still second year students and **will be moved** to the new HEQSF aligned qualification if they satisfy all articulation requirements and if they meet satisfactory academic performance.

**These subject offering will be subject to:**

- 1) Sufficient students registering for the subject during the semester to make the offering viable. Where sufficient students do not register the students will have to take the subject the next time it is offered which includes the following semester as part of the normal offering.
- 2) The department identifying and finding sufficient and suitably qualified staff to lecture these subjects during these period as this is not part of the normal offering.

For **2017 Semester 1** the registration will take place back office. The back office registration for this department will be as follows:

<b>Date:</b>	<b>Time:</b>	<b>Venue:</b>
Thursday, 09 MARCH 2017	09:00 TO 13:00	CLASSROOM 1.98 MECHANICAL ENGINEERING BUILDING. Responsible Person: Mr B Morar.
<p><b>Note:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Students must register online for the S2 or S4 subject[s] (as applicable) that is on the online registration system for the second semester 2017.</b></li> <li>➤ <b>Once above is completed, students must bring their proof of registration and full academic record to the registration venue as indicated above. The lecture time table will be available at the registration venue.</b></li> <li>➤ <b><u>This will be the only dedicated registration period for this department.</u> Students who do not register on this date will have to register for the subject[s] when offered it is next offered.</b></li> <li>➤ <b>Classes WILL start on Monday 13 March 2017 as per lecture time table.</b></li> </ul>		

The registration process for these offerings that is outside of the normal required period from 2017 Semester 2 onwards will be communicated at a later stage.

**NOTE:**

**This plan will be reviewed at the end of every semester and is subjected to change.**

**If any additional information required, please contact me.**

**Kind Regards**



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**Mr A Bester**  
Head of Department