## Chemical Engineering Tripos Michaelmas Term 2017

Lectures are normally 50 minutes duration. Numbers in square brackets [ ] indicate week numbers

| Week | Date |  |  | 9.05 am |  | Room | 10.00 am |  | Room |  | 11.10 am |  | Room | 12.05 pm |  | Room | Afternoon |  | Room |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 1 \\ & 2 \\ & 3 \end{aligned}$ | $\begin{aligned} & 9 \text { Oct } \\ & 16 \text { Oct } \\ & 23 \text { Oct } \end{aligned}$ | $\begin{aligned} & \mathrm{M} \\ & \mathbf{O} \end{aligned}$ | cet |  |  |  | Intro Fluids [1-8] | MEW | LT1 |  | Laboratory Practical [1-8] <br> Computing Skills [1-8] | $\begin{aligned} & \text { SAB } \\ & \text { vsv } \end{aligned}$ | $\begin{gathered} \text { Lab } \\ \text { cs } \end{gathered}$ | Laboratory Practical [1-8] <br> Computing Skills [1-8] | $\begin{aligned} & \text { SAB } \\ & \text { vsv } \end{aligned}$ | $\begin{gathered} \mathrm{Lab} \\ \mathrm{cs} \end{gathered}$ |  |  |  | cet |
| $\begin{aligned} & 4 \\ & 5 \\ & 6 \end{aligned}$ | 30 Oct <br> 6 Nov <br> 13 Nov | N <br> D <br> A | cet |  |  |  | Bioprocessing [1-4] <br> Statistics [5-8] | $\begin{aligned} & \text { GC } \\ & \text { PJB } \end{aligned}$ | $\begin{aligned} & \text { LT2 } \\ & \text { LT2 } \end{aligned}$ |  | Corrosion/Materials [1-4] <br> Corrosion/Materials [5-8] | $\begin{aligned} & \text { EJR } \\ & \text { JAZ } \end{aligned}$ | $\begin{aligned} & \text { LT2 } \\ & \text { LT2 } \end{aligned}$ | Separations [1-5] <br> Process Synthesis [6-8] | LTM <br> MEW | $\begin{aligned} & \text { LT2 } \\ & \text { LT2 } \end{aligned}$ |  |  |  | CET |
| $\begin{aligned} & 7 \\ & 8 \end{aligned}$ | 20 Nov <br> 27 Nov |  | cet |  |  |  | Advanced Transport [1- <br> 81 | JSD | LT3 |  | PhD opportunities [1] <br> Energy Technology [2-4] <br> Energy Technology [5-8] | xx <br> PJB <br> CdA | $\begin{aligned} & \text { LT1 } \\ & \text { LT1 } \\ & \text { LT1 } \end{aligned}$ | Rheology [1-8] | $\begin{aligned} & \mathrm{BH} / \\ & \mathrm{CJN} \end{aligned}$ | LT1 |  |  |  | Cet |
| $1$ | $\begin{array}{ll} 10 & \text { Oct } \\ 17 & \text { Oct } \\ 24 & \text { Oct } \end{array}$ | $\begin{aligned} & \mathbf{T} \\ & \mathbf{U} \end{aligned}$ | cet | Exercise [2-7] |  | LT1 | Intro Chem Eng [1-2] <br> Intro Chem Eng [3-5] <br> Homogen Reactors [6-8] | BH <br> JAZ <br> CdA | LT1 <br> LT1 <br> LT1 |  | Process Calcs [1-8] | AFR | LT1 | §1. Eng Drawing [1] <br> §1. Engineering [2-3] <br> \$1. Enaineerina $[4-7]$ <br> §2. Chemistry [2-4] <br> §2. Chemistrv [5-7] | KY <br> ACF <br> AJS <br> MDM <br> ACF | LT1 <br> LT1 <br> LT2 |  |  |  | cet |
| $4$ | 31 Oct <br> 7 Nov <br> 14 Nov | $\begin{aligned} & \mathrm{E} \\ & \mathrm{~S} \\ & \mathrm{D} \end{aligned}$ | cet |  |  |  | PD\&C [1-8] | AZ | LT2 |  | Het Reactors [1-8] | PJB | LT2 | Ethics [1] <br> Exercise [3-5] | LF | $\begin{gathered} \text { LT2 } \\ \text { CS } \end{gathered}$ |  |  |  | Cet |
| $7$ | 21 Nov 28 Nov | $\begin{aligned} & \mathbf{A} \\ & \mathbf{Y} \end{aligned}$ | cet | CFD tutorial [1-7] | MEW | CS | CFD tutorial [1-7] | MEW | CS |  | Fluid Mech \& Env [1-8] | SSSC | LT3 | Optimisation [1-8] | vsv | LT3 |  |  |  | CET |
| $\begin{aligned} & 1 \\ & 2 \\ & 3 \end{aligned}$ | $\begin{aligned} & 11 \text { Oct } \\ & 18 \text { Oct } \\ & 25 \text { Oct } \end{aligned}$ | $\begin{gathered} \mathbf{W} \\ \mathbf{E} \\ \mathbf{D} \end{gathered}$ | cet |  |  |  | Intro Fluids [1-8] | MEW | LT1 | $\begin{gathered} 11 \mathrm{a} \\ \mathrm{~m} \end{gathered}$ | Laboratory Practical [1-8] <br> Computing Skills [1-8] | $\begin{aligned} & \text { SAB } \\ & \text { vsv } \end{aligned}$ | $\begin{gathered} \text { Lab } \\ \text { cs } \end{gathered}$ | Laboratory Practical [1-8] <br> Computing Skills [1-8] | $\begin{aligned} & \text { SAB } \\ & \text { vsv } \end{aligned}$ | $\begin{gathered} \text { Lab } \\ \text { CS } \end{gathered}$ |  |  |  | CET I |
| $\begin{aligned} & 4 \\ & 5 \\ & 6 \end{aligned}$ | 1 Nov <br> 8 Nov <br> 15 Nov | $\begin{aligned} & \mathrm{N} \\ & \mathrm{E} \\ & \mathrm{~S} \end{aligned}$ | cet |  |  |  | Bioprocessing [1-4] <br> Statistics [5-8] | $\begin{aligned} & \text { GC } \\ & \text { PJB } \end{aligned}$ | $\begin{aligned} & \text { LT2 } \\ & \text { LT2 } \end{aligned}$ |  | Corrosion/Materials [1-4] Corrosion/Materials [5-8] | $\begin{aligned} & \text { EJR } \\ & \text { JAZ } \end{aligned}$ | $\begin{aligned} & \text { LT2 } \\ & \text { LT2 } \end{aligned}$ | Separations [1-5] <br> Process Synthesis [6-8] | LTM <br> MEW | $\begin{aligned} & \text { LT2 } \\ & \text { LT2 } \end{aligned}$ |  |  |  | CET |
| $\begin{aligned} & 7 \\ & 8 \end{aligned}$ | 22 Nov <br> 29 Nov | $\begin{aligned} & \mathrm{D} \\ & \mathrm{~A} \\ & \mathbf{Y} \\ & \hline \end{aligned}$ | cet |  |  |  | Interface Eng [1-8] | DIW | LT3 |  | Energy Technology [1-4] <br> Energy Technology [5-8] | $\begin{aligned} & \text { PJB } \\ & \text { CdA } \end{aligned}$ | $\begin{aligned} & \text { LT1 } \\ & \text { LT1 } \end{aligned}$ | Rheology [1-8] | $\begin{aligned} & \mathrm{BH} / \\ & \text { CJN } \end{aligned}$ | LT1 |  |  |  | CET |
| 2 <br> 3 | 5 Oct <br> 12 Oct <br> 19 Oct | $\begin{aligned} & \mathrm{T} \\ & \mathbf{H} \\ & \mathbf{U} \end{aligned}$ | cet |  |  |  | Intro Chem Eng [1-3] <br> Intro Chem Eng [4-6] <br> Homogen Reactors [7-8] | BH <br> JAZ <br> CdA | LT1 <br> LT1 <br> LT1 |  | Process Calcs [1-8] | AFR | LT1 | Report writing [1] <br> §1. Engineering [2-3] <br> \$1. Enaineerina [4-7] <br> §2. Chemistry [2-5] <br> \$2. Chemistrv [6.7] | SLR <br> ACF <br> AJS <br> MDM <br> ACF | LT1 <br> LT1 <br> LT2 | §1. Engineering Drawina [2-61 2-5 pm §2. Physical Chemistry Lab [2-61 2-4 pm |  |  | ${ }_{\text {cet }}$ |
| $\begin{aligned} & 4 \\ & 5 \\ & 6 \end{aligned}$ | 26 Oct <br> 2 Nov <br> 9 Nov | $\begin{aligned} & \text { R } \\ & \mathbf{S} \\ & \mathrm{D} \end{aligned}$ | cet | Course Introduction |  | LT2 | PD\&C [1-8] | AZ | LT2 |  | Het Reactors [1-8] | PJB | LT2 | Ethics [1] | LF | LT2 |  |  |  | CEt |
| $\begin{aligned} & 7 \\ & 8 \end{aligned}$ | 16 Nov <br> 23 Nov | $\begin{aligned} & \mathbf{A} \\ & \mathbf{Y} \end{aligned}$ | cer | CFD [1-4] | MEW | LT1 | Advanced Transport [181 | JSD | LT3 |  | Chem Prod Design [1-8] | $\stackrel{\mathrm{LF} / \mathrm{G}}{\mathrm{C}}$ | LT3 | Chem Prod Design [1-8] | $\underset{\mathrm{C}}{\mathrm{LF} / \mathrm{G}}$ | LT3 |  |  |  | CET |
| 1 2 3 | $\begin{aligned} & 6 \text { Oct } \\ & 13 \text { Oct } \\ & 20 \text { Oct } \end{aligned}$ | $\begin{aligned} & F \\ & R \end{aligned}$ | $\mathrm{cer}^{\text {cet }}$ |  |  |  | Intro Chem Eng [1-3] <br> Intro Chem Eng [4-5] <br> Homogen Reactors [6-8] | BH <br> JAZ <br> CdA | LT1 <br> LT1 <br> LT1 |  | Process Calcs [1-8] | AFR | LT1 | Error analysis [1] <br> §1. Engineering [2-3] <br> \$1. Engineering [4-7] <br> §2. Chemistry [2-4] <br> \$2. Chemistry [5-7] | PJB <br> ACF <br> AJS <br> MDM <br> ACF | LT1 <br> LT1 <br> LT2 |  |  |  | CET I |
| $4$ | 27 Oct <br> 3 Nov <br> 10 Nov | $\begin{aligned} & \mathrm{I} \\ & \mathbf{D} \\ & \mathbf{A} \end{aligned}$ | cet |  |  |  | Bioprocessing [1-4] <br> Statistics [5-8] | $\begin{aligned} & \text { GC } \\ & \text { PJB } \end{aligned}$ | $\begin{aligned} & \text { LT2 } \\ & \text { LT2 } \\ & \hline \end{aligned}$ |  | Separations [1-6] <br> Process Synthesis $[7,8]$ | LTM <br> MEW | $\begin{aligned} & \mathrm{LT} 2 \\ & \mathrm{LT} 2 \\ & \hline \end{aligned}$ | Ethics [1] <br> Exercise [3-8] | LF | $\begin{aligned} & \text { LT2 } \\ & \text { CS } \end{aligned}$ |  |  |  | CEt |
| $\begin{aligned} & 7 \\ & 8 \end{aligned}$ | 17 Nov <br> 24 Nov | $\mathbf{Y}$ | cer | CFD [1-4] | MEW | LT1 | Interface Eng [1-8] | DIW | LT3 |  | Fluid Mech \& Env [1-8] | SSSC | LT3 | Optimisation [1-8] | vsv | LT3 | Safety training [1] 2-5 pm Chem Product Design <br> [2-71 2-4 pm; [8] 2-5 pm | $\begin{aligned} & \mathrm{SDC} \\ & \mathrm{LF} / \mathrm{G} \\ & \mathrm{C} \end{aligned}$ | LT3 LT1 | CET |
|  |  |  |  | 9.05 am |  | Room | 10.00 am |  | Room |  | 11.10 am |  | Room | 12.05 pm |  | Room | Afternoon |  | Room |  |

$\mathbf{L T} 1=$ lecture theatre $1 ; \mathbf{L T} \mathbf{2}=$ lecture theatre $2 ; \mathbf{L T} \mathbf{3}=$ lecture theatre 3
Lab = Teaching Laboratory ; CS = Computer Suite

