1. Engineering Mechanics – Statics

Weeks 1–3

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They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	Topic quiz 01 (10 questions, answers on sheet 2)	
Teach the new content	Handout 01 Slide deck 01 Vocabulary list 01	
Practice guided then independent	Exercise sheets 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	Any unused exercise sheet above	

2. Mathematical Methods for ME

Weeks 4–6

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	Topic quiz 02 (10 questions, answers on sheet 2)	
Teach the new content	Handout 02 Slide deck 02 Vocabulary list 02	
Practice guided then independent	Exercise sheets 2.1, 2.2, 2.3, 2.4, 2.5, 2.6	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	Any unused exercise sheet above	

3. Engineering Mechanics – Dynamics

Weeks 7–9

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They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	Topic quiz 03 (10 questions, answers on sheet 2)	
Teach the new content	Handout 03 Slide deck 03 Vocabulary list 03	
Practice guided then independent	Exercise sheets 3.1, 3.2, 3.3, 3.4, 3.5, 3.6	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	Any unused exercise sheet above	

4. Engineering Materials

Weeks 10–12

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	Topic quiz 04 (10 questions, answers on sheet 2)	
Teach the new content	Handout 04 Slide deck 04 Vocabulary list 04	
Practice guided then independent	Exercise sheets 4.1, 4.2, 4.3, 4.4, 4.5, 4.6	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	Any unused exercise sheet above	

5. Thermodynamics

Weeks 13–15

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	Topic quiz 05 (10 questions, answers on sheet 2)	
Teach the new content	Handout 05 Slide deck 05 Vocabulary list 05	
Practice guided then independent	Exercise sheets 5.1, 5.2, 5.3, 5.4, 5.5, 5.6	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	Any unused exercise sheet above	

6. Mechanics of Materials

Weeks 16–17

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	Topic quiz 06 (10 questions, answers on sheet 2)	
Teach the new content	Handout 06 Slide deck 06 Vocabulary list 06	
Practice guided then independent	Exercise sheets 6.1, 6.2, 6.3, 6.4, 6.5, 6.6	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	Any unused exercise sheet above	

7. Fluid Mechanics

Weeks 18–19

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	*nothing in the Library for this stage yet*	
Teach the new content	*nothing in the Library for this stage yet*	
Practice guided then independent	*nothing in the Library for this stage yet*	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	*nothing in the Library for this stage yet*	

8. Manufacturing Processes

Weeks 20–21

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	*nothing in the Library for this stage yet*	
Teach the new content	*nothing in the Library for this stage yet*	
Practice guided then independent	*nothing in the Library for this stage yet*	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	*nothing in the Library for this stage yet*	

9. Machine Design

Weeks 22–23

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	*nothing in the Library for this stage yet*	
Teach the new content	*nothing in the Library for this stage yet*	
Practice guided then independent	*nothing in the Library for this stage yet*	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	*nothing in the Library for this stage yet*	

10. Heat Transfer

Weeks 24–25

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	*nothing in the Library for this stage yet*	
Teach the new content	*nothing in the Library for this stage yet*	
Practice guided then independent	*nothing in the Library for this stage yet*	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	*nothing in the Library for this stage yet*	

11. Theory of Machines and Vibrations

Weeks 26–27

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	*nothing in the Library for this stage yet*	
Teach the new content	*nothing in the Library for this stage yet*	
Practice guided then independent	*nothing in the Library for this stage yet*	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	*nothing in the Library for this stage yet*	

12. System Dynamics and Control

Weeks 28–30

They should be able to

No objective statements parsed for this topic — see the syllabus.

Stage	Use	Your notes
Starter 10 min · retrieval practice	*nothing in the Library for this stage yet*	
Teach the new content	*nothing in the Library for this stage yet*	
Practice guided then independent	*nothing in the Library for this stage yet*	
Check before they leave	*nothing in the Library for this stage yet*	
Homework set from the Library	*nothing in the Library for this stage yet*	