

Concepts of Engineering and Technology A Digital Resources

Unit 1 Development and Understanding of Engineering

Lesson 1: <https://www.youtube.com/watch?v=btGYcizV0il>

<https://www.youtube.com/watch?v=bipTWWHya8A>

https://www.youtube.com/watch?v=l11y_FLIEp8

Lesson 2: <https://www.youtube.com/watch?v=nuGrelOK0-k>

<https://www.youtube.com/watch?v=P1KukIRr10M>

https://www.youtube.com/watch?v=k_RtS3sag1Y

Lesson 3: <https://www.youtube.com/watch?v=IJM3yuIDDPQ>

<https://www.youtube.com/watch?v=sY7KaezrKXM>

Lesson 4: <https://www.youtube.com/watch?v=JF9BOUckxW8>

<https://www.youtube.com/watch?v=N-eDJqcFZ44>

https://www.youtube.com/watch?v=75eB3b5_8VU

<https://www.youtube.com/watch?v=NYbTwl0jSFQ>

Lesson 5: Material is found in the lesson.

Unit 2 Making Problems into Ideas

Lesson 1: <https://www.youtube.com/watch?v=9zqwOqTnLs4>

<https://www.youtube.com/watch?v=PBW67IGeeyY&list=PLQWKCe8YQdp7bwzgvoZfq1F5xar5eaKO6>

Lesson 2: <https://www.youtube.com/watch?v=l6Jqeby00so>

<https://www.youtube.com/watch?v=580A8gNF0dk>

Lesson 3: <https://www.youtube.com/watch?v=FW6MXqzeg7M>

<https://www.youtube.com/watch?v=vQKCKIEVKQU>

Lesson 4: <https://www.youtube.com/watch?v=0dwZjSEeMjk>

<https://www.youtube.com/watch?v=ByjKT9lUkjA>

Lesson 5: <https://www.youtube.com/watch?v=yswLISb82q4>

<https://www.youtube.com/watch?v=3FCPvyhi4-k>

<https://www.youtube.com/watch?v=GU4VYtfUM6k>

Unit 3 From Sketches to Products

Lesson 1: <https://www.youtube.com/watch?v=YNS0GQuumsM>

<https://www.youtube.com/watch?v=fmmUdS7Xz-l>

Lesson 2: <https://www.youtube.com/watch?v=rqQrDkWtFqE>

<https://www.youtube.com/watch?v=FVi8WtqhTN0>

Lesson 3: https://www.youtube.com/watch?v=MAhpfFt_mWM

<https://www.youtube.com/watch?v=ij4KQuWb2QE>

Lesson 4: <https://www.youtube.com/watch?v=zAOyjqWhL0k>

<https://www.youtube.com/watch?v=QeyFjz2hSGE>

<https://www.youtube.com/watch?v=fT7LTaGzcok>

Lesson 5: Material is found in the lesson.

Unit 4 Civil Engineering

Lesson 1: <https://www.youtube.com/watch?v=bFijMHTQ1QY>

<https://www.youtube.com/watch?v=tBs57XfMPMI>

Lesson 2: <https://www.youtube.com/watch?v=sssM32X5QyA>

<https://www.youtube.com/watch?v=YRfQydca5cM>

Lesson 3: <https://www.youtube.com/watch?v=3qJtbDOht5A>

<https://www.youtube.com/watch?v=u-xjja6mK2k>

Lesson 4: <https://www.youtube.com/watch?v=GbVddqpkAYg>

<https://www.youtube.com/watch?v=gUi1Sjm3TOs>

Lesson 5: <https://www.youtube.com/watch?v=Q8ls52m18gQ>

https://www.youtube.com/watch?v=7dBi_3NLWIA

<https://www.youtube.com/watch?v=mwKcqHADOY4>

Unit 5 Mechanical Engineering

Lesson 1: <https://www.youtube.com/watch?v=W74y1RxN6BA>

https://www.youtube.com/watch?v=UrT1_TuvZmQ

<https://www.youtube.com/watch?v=bssgoMZrhj0>

Lesson 2: <https://www.youtube.com/watch?v=lqGGBI1wqsY>

<https://www.youtube.com/watch?v=8YID0jD0oBI>

Lesson 3: <https://www.youtube.com/watch?v=ASrGvoDg8sU>

<https://www.youtube.com/watch?v=iPtgNc4kY4I>

Lesson 4: <https://www.youtube.com/watch?v=VZrlscsNxys>

https://www.youtube.com/watch?v=ZwdWFpAQ_5M

<https://www.youtube.com/watch?v=UEEx5AxuyZ0>

Lesson 5: Material is found in the lesson.

Unit 6 Chemical Engineering

Lesson 1: <https://www.youtube.com/watch?v=RJeWKvQD90Y>

<https://www.youtube.com/watch?v=twjiiHwNIKU>

Lesson 2: https://www.youtube.com/watch?v=4Dngv3_udXs

<https://www.youtube.com/watch?v=RDzsrnMI48I>

Lesson 3: https://www.youtube.com/watch?v=273_FIThU_M

Read recycle from lesson.

https://www.youtube.com/watch?v=bJsJ-M8B_qY&list=PLxo5PaHO6TH8VjRjaaY7RMYr23ox_ySMi

Lesson 4: https://www.youtube.com/watch?v=M9TXb5_i-Pg

<https://www.youtube.com/watch?v=os9ivJivPn4>

<https://www.youtube.com/watch?v=MitoL6jKvMk>

Lesson 5: https://www.youtube.com/watch?v=k-7B_YfHWXQ

<https://www.youtube.com/watch?v=RJeWKvQD90Y>

<https://www.youtube.com/watch?v=pt3BJ1xVKBU>

Unit 7 Biological Engineering

Lesson 1: https://www.youtube.com/watch?v=H_C73Kma-P4

<https://www.youtube.com/watch?v=hVEuofuf2ww>

Lesson 2: <https://www.youtube.com/watch?v=gqG8BzFp3Qc>

<https://www.youtube.com/watch?v=03tFezNrWu0>

<https://www.youtube.com/watch?v=2wn9eMEWfMA>

Lesson 3: Material is found in the lesson.

Lesson 4: <https://www.youtube.com/watch?v=8HfY16vMFMo>

<https://www.youtube.com/watch?v=03tFezNrWu0>

Lesson 5: <https://www.youtube.com/watch?v=ffzjbisa5LM>

<https://www.youtube.com/watch?v=bDzCXvTgAGM>

Unit 8 Impossible Engineering

Lesson 1: Material is found in the lesson.

Lesson 2: Material is found in the lesson.

Lesson 3: Material is found in the lesson.

Lesson 4: Material is found in the lesson.

Lesson 5: Material is found in the lesson.