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Course Outcomes:

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the course, the
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Aerodynamics—a branch of dynamics that deals with the motion of air and other gaseous fluids and with the forces acting on bodies in motion

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relative to such
fluids (e.g.
airplanes) We
can say that
aerodynamics is
a subset of (c)
• fluid dynamics
since air is but
one type of
fluid, c

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provides valuable insight
into the vital
issues
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the devices used
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gas dynamics
experiments.
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of compensated
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entropy waves.

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the viscosity
method for
isentropic gas

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Applied Gas

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book great
reference for my
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speed jet.

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provide the most
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study of all the
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discussed in
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gas are
determined from
a microscopic
viewpoint of the
molecular gas
dynamics, and
how such
properties
affect the flow
features, the
shock waves and

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flows, from a
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viewpoint. In
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facilities for
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flows are
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energy which
plays an
important role
in both high
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flows and
perfect gas
flows. The
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which prevail in
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