课程代码（Coursenumber）：

C182.

课程名（Coursename）：

Atmospheric Chemistry and Physics Laboratory.

学分（credit) ：(3) Students will receive one unit of credit for C182 after taking 125. Instructor’s approval is required to enroll in C182 after completing 125.

课程设置（course setting）： One hour of lecture and five hours

of laboratory per week.

选课要求（prerequisite）：Collegelevel calculus, chemistry and physics, or consent of instructor.

课程描述（Description）：Fluid dynamics, radiative transfer, and the kinetics, spectroscopy, and measurement of atmospherically relevant species are explored through laboratory experiments, numerical simulations, and field observations. The course is intended for Earth and Planetary Science majors

and minors, and for chemistry, physics, astronomy, biology, and engineering majors whose interests may lie in science applied to the atmosphere of Earth and other planets. Also listed as Earth and Planetary Science C182. (S)

教参信息（Textbookinfo）:

1 Organic Indoor Air Pollutants: Occurrence, Measurement, Evaluation by Tunga Salthammer and Erik Uhde (Hardcover - Nov. 16, 2009)

ISBN-13: 978-3527312672

世界各地拥有馆藏的图书馆（OCLC）:49

2 Spectral Sensing Research for Surface and Air Monitoring in Chemical, Biological and Radiological Defense and Security Applications (Selected Topics in Electronics and Systems) by Jean-marc Theriault and James Jensen (Hardcover - Aug. 11, 2009)

ISBN-13: 978-9812835918

世界各地拥有馆藏的图书馆（OCLC）:29

3 Human Exposure to Pollutants via Dermal Absorption and Inhalation (Environmental Pollution) by Mihalis Lazaridis and Ian Colbeck (Hardcover - Apr. 1, 2010)

ISBN-13: 978-9048186624

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