

Textbook List – SPRING 2012
Dept. of Earth and Atmospheric Sciences, Purdue University

| Dept Course# | CRN # | Instructor | Textbook | Author | Publisher | Edition/Year | Req./Opt. | No. |
|--|-------------------------|----------------------------|---|---|------------------------------------|----------------------------|------------------|--------------|
| EAS 10000 | 16944 | Braile | Foundations of Earth Science | Lutgens and Tarbuck | Pearson Prentice Hall | 6 th Edi./ 2011 | Req. | |
| EAS 10000 | 59818 | | | | | | | |
| EAS 10200 | 16949 | D. Ballotti | | | | | | |
| EAS 10600 | 16955 | Freed/G. Bowen | Natural Hazards & Disasters | Hyndman | | | Req. | 150 |
| EAS 10700 | 41183 | Tharp | <i>Purchase at Boiler Copy Center</i> | | | | | |
| EAS 11100 | 16960 | Haq | 1) Exploring Geology 9780073376684 2) Phys. Geol. Manual | Reynolds, et al Haq & Riggs | McGraw Hill Kendall Hunt | 2nd or 3rd | Req. | 200 |
| EAS 11200 | 45528 | West | The Earth Through Time | Babcock | | | Req. | 45 |
| EAS 11600 (i-clickers) | 58264 | Haase | | | | | Req. | 70 |
| EAS 11700 | 16985 | Agee | None | | | | | |
| EAS 11800 | 43390 | B. Bowen | Earth: Portrait of Planet, 3rd Ed. | Marshak | | 4th Ed. | Req. | 20 |
| EAS 12000 | 16986 | Tharp | Intro to Geography Comparative World Atlas | Christopherson 0536841691 Hammond | Pearson Custom Publ. | 2nd | Req. Req. | 120 |
| EAS 13700 | 45677 | Agee | None | | | | | |
| EAS 19100A | 16992 | S. Smith | None | | | | | |
| EAS 221 (x/NRES230) (i-clickers) | 33508 | Min/Sun | Essentials of Meteorology | Donald C. Ahrens | Brooks/Cole Cengage Learning | 2011 | Req/ | 150 |
| EAS 23000 | 33512 33510 | TA | | | | | | |
| EAS 24400 | 17001 | Shieh | Petrology Minerals in Thin Sections | Blatt, Tracy and Ovens Perkins and Henke | | 3rd/2006 2nd/2004 | Opt. Req. | 10 10 |
| EAS 30900/ 59100T | 53737 53736 59766 | Braile Braile Braile | Matlab: A Practical Introduction to Programming and Problem Solving | Stormy Attaway | Butterworth-Heinemann Publishers | 2 nd / 2011 | Req. | |
| EAS 31200 | 17003 | Ballotti | | | | | | |

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| EAS 31900 | 45680 | Zinsmeister | | | | | | |
| EAS 32000 | 43425 | Harshvardhan | Global Physical Climatology ISBN 973-0-12-328530-0 | Dennis Hartmann | Academic Press | 1994 | (recommended) | 20 |
| EAS 32500 | 49752 | Carney | Meteorology: Understanding the Atmosphere | S. A. Ackerman & J. A. Knox | Jones & Bartlett Learning | 3 rd | Req. | 68 |
| EAS 35400 | 54987 | Flesh | Earth Structure | Van der Pluijm and Marshak | Norton | | Req. | 30 |
| EAS 37500 | 45231 | Zinsmeister | | | | | | |
| EAS 38500 | 53747 | West | Principles of Engineering Geology | T.R. West | Waveland Press | | Req. | 10 |
| EAS 39000 | 59886 | Granger | | | | | | |
| EAS 39100A | 59760 | Trapp/Min | | | | | | |
| EAS 39100E | 55390 | McNie | The Climate Crisis: An Introductory Guide to Climate Change | Archer, David and Stefan Rahmstorf | Cambridge University Press | 2010 | Req. | ? |
| | | | The Climate Fix: What the Scientists and Politicians Won't Tell you About Climate Change | Pielke Jr., Roger | Basic Books | 2010 | Req. | ? |
| EAS 41900 | 59895 | Harbor | | | | | | |
| EAS 42000/59100R | 59589 58778 | Huber | | | | | | |
| EAS 42200 (w/ Agry 432) | 17016 | Min | An Introduction to Dynamic Meteorology | James R. Holton | Elsevier | 4th Ed., 2004 | Req. | 20 |
| EAS 43200 (w/ Agry 442) | 17017 | (TA) | | | | | | |
| EAS 43400 (w/ Agry 444) | 43509 | Baldwin | None | | | | | |
| EAS 52300 | 59664 | Trapp | Radar for Meteorologists | Ronald E. Rinehart | | 5th Edition | Req. | 20 |
| EAS 53200 | 17031 | Lasher-Trapp | Atmospheric Science, An Introductory Survey ISBN: 0-12-732951-X | Wallace and Hobbs | | 2nd, 2006 | Req. | 20 |
| EAS 57300 | 59020 | Ridgway | | | | | | |
| EAS 59100A | 59758 | Melosh/Freed | Geodynamics (2nd ed) ISBN 0 521 66624 4 | Turcotte, D. L. and Schubert, G. | Cambridge | 2nd, 2002 | Req. | 5 |
| EAS 59100B | 59733 | Trapp/Lasher- Trapp | None | | | | | |

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| EAS 59100C | 59736 | Gluhovsky | Introductory Time Series with R ISBN-10: 0387886974 ISBN-13: 978-0387886978 | P. S. P. Cowpertwait and A. V. Metcalfe | Springer | 1 Edition, 2009 | Req. | 15 |
| EAS 59100D | 59752 | Smith | | | | | | |
| EAS 59100E | 59879 | Ridgway | | | | | | |
| EAS 59100F | 59764 | Minton | None | | | | | |
| EAS 59100G | 59884 | Ogg | | | | | | |
| EAS 59100I | 59739 | Sun | Fluid Mechanics 5th Ed | Kundu & Cohen | Associated Press | 5th | Req. | 8 |
| EAS 59100K (w/Math 598) | 43028 | Cushman | | | | | | |
| EAS 59100P (w/Agry 59800F) | 45684 | Filley | | | | | | |
| EAS 69100 | 17637 | Granger | | | | | | |
| SCI 36000 | | Harsh/Gilbert | | | | | | |