Class Schedule - Summer 2019

Mathematics

MATH 461  **Probability Theory**  credit: 3 OR 4 hours.
Introduction to mathematical probability; includes the calculus of probability, combinatorial analysis, random variables, expectation, distribution functions, moment-generating functions, and central limit theorem. 3 or 4 undergraduate hours. 3 or 4 graduate hours. Credit is not given for both MATH 461 and either MATH 408 or ECE 313. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Prerequisite: MATH 241 or equivalent.

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<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tr>
<td>38314</td>
<td>Online</td>
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<td>ARRANGED -</td>
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<td>Carpenter, B</td>
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Credit Hours: 3 hours
This section has an online format and requires access to Mathematica-based courseware. Students will receive information about how to sign up for an account in CAS-ILE ($99) after enrollment in the course. This course contains multiple paper-based exams that must be taken with an approved proctor. Exams may be taken on- or off-campus. For summer proctoring options see https://netmath.illinois.edu/summerproctor. Off-campus proctors must be able to scan completed exams and email them to NetMath for grading, as well as mailing the paper exam back for archival purposes. Please contact netmath@illinois.edu with any questions. A 16-week self-paced version of this class is also available as part of the academic year term (not summer term). Registration for the self-paced class is done through https://netmath.illinois.edu/register/college (not Self-Service). Students who will be on campus during Summer Session 2 are encouraged to select the on-campus section of this course.

| 39267 | Online | XGR | ARRANGED - |  |  | Carpenter, B |

Credit Hours: 3 hours
Restricted to MS: Civil Engr - Online - UIUC, MCS:Computer Sci Online -UIUC, MS: Mechanical Engineering -UIUC, MS: Aerospace Engr-Online-UIC, NDEG:Grad Nondegree-CE-UIC, or MENG:Mech Engineering Onl-UIC.
Restricted to online MSAE, MSCE, MCS, MSIE, and MSME degree students. For more details on this course section, please see http://engineering.illinois.edu/online/courses/.