 SPIRE REGISTRATION INFORMATION for Spring 2015

CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):

105
CMPTR LTRCY
Verte
NONE
NON-CMPSCI MAJORS ONLY.

119
INTRO PROGRAMMING
Verte
NONE
NON-CMPSCI MAJORS ONLY.

121
PRBML SLVNG W/CMPTR
Anderson
R1.
UNDERGRADUATE STUDENTS ONLY.

145
REP.STORNGARET INFO
Verte
NONE
UNDERGRADUATE CMPSCI MAJORS ONLY.

187
CMPSCI 121 WITH A GRADE OF 'C' OR BETTER.
Libatore
PGM W/ DATA STRCTR
UNDERGRADUATE CMPSCI MAJORS ONLY.

197B
ST-ADV ASSIGN FOR 121
Anderson
NONE
UNDERGRADUATES ONLY.

197C
ST-PGMG IN C
Scarmo
CMPS 187 (OR E&C-ENG 242) WITH A GRADE OF 'C' OR BETTER.
CMPS MAJORS ONLY.

197U
ST-HANDS-ON INTRO UNIX
DeVaughn-Brown
CMPS 121 WITH A GRADE OF 'C' OR BETTER.
CMPS MAJORS ONLY.

197WP
ST-INTRO TO HTML/CSS
Scarmo
CMPS 121 WITH A GRADE OF 'C' OR BETTER.
CMPS MAJORS ONLY.

220
PGMGG METHODOLOGY
Richards
CMPS 187 (OR E&C-ENG 242) WITH A GRADE OF 'C' OR BETTER.
CMPS MAJORS ONLY.

230
CMPTR SYS PRINC
Moss, Richards
CMPS 187 (OR E&C-ENG 242) WITH GRADE OF 'C' OR BETTER.
CMPS MAJORS ONLY.

CLASS NOTES/COMMENTS:

INFORMATIONAL ONLY - DOES NOT AFFECT SPIRE ENROLLMENT.

ATTENDING THE FIRST LECTURE IS MANDATORY.
ALL STUDENTS MUST HAVE ACCESS TO A COMPUTER FOR PERFORMING
ASSIGNMENTS. COMPUTER MUST RUN WINDOWS 7, WINDOWS 8, OR MAC
OSX 10.6 AND LATER, WITH A RECENT VERSION OF MICROSOFT OFFICE
(NOTHING EARLIER THAN MICROSOFT OFFICE 2010 FOR WINDOWS OR MICROSOFT
OFFICE 2011 FOR MAC). NOT ALL ASSIGNMENTS CAN BE PERFORMED ON
A MAC. BUT STUDENTS WITHOUT WINDOWS (OR WITHOUT A COMPUTER) MAY USE
CAMPUS WINDOWS PC LABS. PLEASE CHECK 105 WEBSITE. STUDENTS
NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM:
https://www.cs.umass.edu/overrides.

STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

DISCUSSIONS MEET AFTER FIRST LECTURE. IF YOU HAVE QUESTIONS
ABOUT 121 COURSE ADMINISTRATION, CONTACT CS121admin@cs.umass.
edu. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST
OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

ATTEND DISCUSSION EVEN IF BEFORE FIRST CLASS MEETING. CS
MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS
NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

INSTRUCTOR CONSENT TO ADD BEGINNING 1/29. INSTRUCTOR CONSENT TO DROP
OR WITHDRAW THROUGH 2/5. COURSE RUNS FOR 6 WEEKS
(1/26, 1/28, 2/2, 2/4, 2/9, 2/11, 2/17-MONDAY CLASS SCHEDULE, 2/18, 2/23,
2/25, 3/2, 3/4). CS MINORS AND APPLICANTS-ON-CONTRACT NOT MEETING ELIGIBILITY, OR STUDENTS
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NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

STUDENTS WHO ARE ENROLLED IN OR HAVE TAKEN CMPSCI 326 ARE
NOT ELIGIBLE FOR THIS COURSE. CS MINORS AND APPLICANTS-ON-CONTRACT NOT MEETING ELIGIBILITY, OR STUDENTS
NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

STUDENTS WHO ARE ENROLLED IN OR HAVE TAKEN CMPSCI 326 ARE
NOT ELIGIBLE FOR THIS COURSE. CS MINORS AND APPLICANTS-ON-CONTRACT NOT MEETING ELIGIBILITY, OR STUDENTS
NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

STUDENTS WHO ARE STRONGLY ADVISED NOT TO TAKE 220/230 IN THE SAME
SEMESTER. DUE TO ENROLLMENT PRESSURE, THE UPC RESERVES THE
RIGHT TO DROP STUDENTS ENROLLED IN BOTH FROM EITHER COURSE
WHEN NECESSARY. CS MINORS, APPLICANTS-ON-CONTRACT, AND
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<tr>
<td>240</td>
<td>McGregor</td>
<td>CMPSCI 187 (OR E&amp;C-ENG 242) AND MATH 132 WITH A GRADE OF 'C' OR BETTER.</td>
<td></td>
<td>CMPSCI MAJORS ONLY.</td>
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<tr>
<td>250</td>
<td>Barrington</td>
<td>MATH 132 AND CMPSCI 187 (OR E&amp;C-ENG 242) WITH GRADE OF 'C' OR BETTER.</td>
<td></td>
<td>CMPSCI, MATH, AND CSENG MAJORS ONLY.</td>
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<tr>
<td>305</td>
<td>Trim</td>
<td>ENGLWRIT 112 WITH GRADE OF 'C' OR BETTER.</td>
<td></td>
<td>JUNIOR AND SENIOR CMPSCI MAJORS ONLY.</td>
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<tr>
<td>311</td>
<td>Sitaraman</td>
<td>CMPSCI 250 (OR MATH 455) WITH GRADE OF 'C' OR BETTER.</td>
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<td>CMPSCI MAJORS ONLY.</td>
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<tr>
<td>320</td>
<td>Brun</td>
<td>CMPSCI 220 WITH GRADE OF 'C' OR BETTER.</td>
<td></td>
<td>SOPHOMORE, JUNIOR AND SENIOR CMPSCI MAJORS ONLY.</td>
</tr>
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<td>326</td>
<td>Richards</td>
<td>CMPSCI 220 (OR CMPSCI 230) WITH A GRADE OF 'C' OR BETTER.</td>
<td></td>
<td>SOPHOMORE, JUNIOR AND SENIOR CMPSCI MAJORS ONLY.</td>
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<tr>
<td>348</td>
<td>Jensen</td>
<td>CMPSCI 187 (OR E&amp;C-ENG 242), CMPSCI 240, AND CMPSCI 250 (OR MATH 455), ALL WITH A GRADE OF 'C' OR BETTER.</td>
<td></td>
<td>CMPSCI MAJORS ONLY.</td>
</tr>
<tr>
<td>365</td>
<td>Levine</td>
<td>CMPSCI 220 (OR CMPSCI 230) WITH A GRADE OF 'C' OR BETTER.</td>
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<td>CMPSCI MAJORS ONLY.</td>
</tr>
<tr>
<td>377</td>
<td>Ganesan</td>
<td>CMPSCI 230 WITH A GRADE OF 'C' OR BETTER.</td>
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<td>CMPSCI MAJORS ONLY.</td>
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<tr>
<td>383</td>
<td>Siegelmann</td>
<td>CMPSCI 220 (OR CMPSCI 230) AND CMPSCI 240, BOTH WITH GRADE OF 'C' OR BETTER.</td>
<td></td>
<td>JUNIOR AND SENIOR CMPSCI MAJORS ONLY.</td>
</tr>
<tr>
<td>390CG</td>
<td>Wang</td>
<td>CMPSCI 187 (OR E&amp;C-ENG 242) AND CMPSCI 190DM (OR MATH 235 OR CMPSCI 240) BOTH WITH A GRADE OF 'C' OR BETTER.</td>
<td></td>
<td>CMPSCI MAJORS ONLY.</td>
</tr>
<tr>
<td>397G</td>
<td>Newman</td>
<td>CMPSCI 190IN OR CMPSCI 190DM WITH A GRADE OF 'C' OR BETTER.</td>
<td></td>
<td>UNDERGRADUATE STUDENTS ONLY.</td>
</tr>
</tbody>
</table>

**Class Notes/Comments:**

**Informational Only - Does Not Affect SPIRE Enrollment.**

Students are advised not to take CMPSCI 240/250 in the same semester. Due to enrollment pressure, the UPC reserves the right to drop students enrolled in both courses when necessary. CS minors, applicants-on-contract, and others not meeting eligibility, or students needing special permission must request overrides via the on-line form: [https://www.cs.umass.edu/overrides](https://www.cs.umass.edu/overrides).

Students who have completed CMPSCI 187 or equivalent with a grade of 'C' or better and have a co-requisite of MATH 132 may request override (if seats available). Students are advised not to take 240/250 in the same semester. Due to enrollment pressure, the UPC reserves the right to drop students enrolled in both courses when necessary. CS minors, applicants-on-contract, and others not meeting eligibility, or students needing special permission must request overrides via the on-line form: [https://www.cs.umass.edu/overrides](https://www.cs.umass.edu/overrides).

Satisfies junior year writing requirement. Students needing special permission must request overrides via the on-line form: [https://www.cs.umass.edu/overrides](https://www.cs.umass.edu/overrides).

CS minors, applicants-on-contract, and others not meeting eligibility, or students needing special permission must request overrides via the on-line form: [https://www.cs.umass.edu/overrides](https://www.cs.umass.edu/overrides).

Satisfies integrative experience requirement for CMPSCI majors. CSENG majors will be admitted only if space allows. Meets with CMPSCI 529. An optional honors colloquium may be available for this course. CS minors, applicants-on-contract, and others not meeting eligibility, or students needing special permission must request overrides via the on-line form: [https://www.cs.umass.edu/overrides](https://www.cs.umass.edu/overrides).

Satisfies integrative experience requirement for CMPSCI majors. CS minors, applicants-on-contract, and others not meeting eligibility, or students needing special permission must request overrides via the on-line form: [https://www.cs.umass.edu/overrides](https://www.cs.umass.edu/overrides).

CS minors, applicants-on-contract, and others not meeting eligibility, or students needing special permission must request overrides via the on-line form: [https://www.cs.umass.edu/overrides](https://www.cs.umass.edu/overrides).

Discussion meets after first lecture. CS minors, applicants-on-contract, and others not meeting eligibility, or students needing special permission (instructor permission if not meeting prerequisite) must request overrides via the on-line form: [https://www.cs.umass.edu/overrides](https://www.cs.umass.edu/overrides).

CS minors, applicants-on-contract, and others not meeting eligibility, or students needing special permission must request overrides via the on-line form: [https://www.cs.umass.edu/overrides](https://www.cs.umass.edu/overrides).

Students who have taken CMPSCI 473 are not eligible. CS minors, applicants-on-contract, informatics majors (BDIC) and others not meeting eligibility, or students needing special permission must request overrides via the on-line form: [https://www.cs.umass.edu/overrides](https://www.cs.umass.edu/overrides).

Not for CS major/minor requirements. Students not meeting prerequisites who are interested in the informatics program (BDIC) or combining art with computing, must request overrides via the on-line form: [https://www.cs.umass.edu/overrides](https://www.cs.umass.edu/overrides).
<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>397J</td>
<td>Intro to JavaScript Game Dev</td>
<td>CMPSCI 326 with a grade of 'C' or better.</td>
<td>Tincknell</td>
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</tr>
<tr>
<td>445</td>
<td>Intro to SYSS</td>
<td>CMPSCI 220 (or CMPSCI 230) and CMPSCI 311, both with grade of 'C' or better.</td>
<td>Diao</td>
<td></td>
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<tr>
<td>446</td>
<td>Search Engines</td>
<td>CMPSCI 320 with a grade of 'C' or better.</td>
<td>Allan</td>
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<tr>
<td>453</td>
<td>CMPTR NTWKS</td>
<td>CMPSCI 230 (or CMPSCI 377) with a grade of 'C' or better.</td>
<td>Ridgeway</td>
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<tr>
<td>491G</td>
<td>S-CMPTR NTWRKG LAB</td>
<td>CMPSCI 453 with a grade of 'C' or better.</td>
<td>Venkataramani</td>
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<tr>
<td>496S</td>
<td>INDSTU-SCALABLE WEB SYSTEMS</td>
<td>CMPSCI 230 (or CMPSCI 220) and CMPSCI 326, both with grade of 'B' or better.</td>
<td>Richards</td>
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<tr>
<td>497S</td>
<td>ST-SCALABLE WEB SYSTEMS</td>
<td>CMPSCI 230 (or CMPSCI 220) and CMPSCI 326, both with grade of 'B' or better.</td>
<td>Richards</td>
<td></td>
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<tr>
<td>501</td>
<td>FRML LANG THRY</td>
<td>UNDERGRADUATES: CMPSCI 311 with a grade of 'C' or better.</td>
<td>Barrington</td>
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<td>S-CMPTR NTWRKG LAB</td>
<td>LECT 01: UNDERGRADUATE STUDENTS ONLY.</td>
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<td>LECT 02: MS-CMPSC STUDENTS ONLY.</td>
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<tr>
<td>520</td>
<td>S/W ENG: SYNTHEESIS</td>
<td>UNDERGRADUATES: CMPSCI 320 with a grade of 'C' or better.</td>
<td>Bendraou</td>
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<td>LECT 01: JUNIOR AND SENIOR CMPSCI MAJORS ONLY.</td>
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<td></td>
<td>LECT 02: MS-CMPSC STUDENTS ONLY.</td>
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<tr>
<td>529</td>
<td>S/W ENG PROJ MGMT</td>
<td>CMPSCI 320 with a grade of 'A' or better.</td>
<td>Brun</td>
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</tr>
<tr>
<td>589</td>
<td>MACH LRNG</td>
<td>UNDERGRADUATES: CMPSCI 383 and MATH 235 with a grade of 'C' or better.</td>
<td>Martin</td>
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<td>LECT 01: CMPSCI MAJORS ONLY.</td>
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<td>LECT 02: MS-CMPSC GRADUATE STUDENTS ONLY.</td>
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<tr>
<td>597CR</td>
<td>ST-CRYPTO ENGINEERING</td>
<td>CMPSCI 311 with a grade of 'C' or better.</td>
<td>Paar</td>
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<td>UNDERGRADUATE CMPSCI MAJORS ONLY.</td>
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<tr>
<td>601</td>
<td>ROBOTICS</td>
<td>NONE</td>
<td>Immemman</td>
<td>GRADUATE CMPSCI STUDENTS ONLY.</td>
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<td>UNDERGRADUATES WITH PERMIT OF INSTRUCTOR.</td>
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**Catalog Requisite (Pre-Req Check):**
- CMPSCI 326 with a grade of 'C' or better.
- CMPSCI 220 (or CMPSCI 230) and CMPSCI 311, both with grade of 'C' or better.
- CMPSCI 204 OR CMPSCI 383 with a grade of 'C' or better.
- CMPSCI 230 (or CMPSCI 377) with a grade of 'C' or better.
- CMPSCI 453 with a grade of 'C' or better.
- CMPSCI 230 (or CMPSCI 220) and CMPSCI 326, both with grade of 'B' or better.
- CMPSCI 230 (or CMPSCI 220) and CMPSCI 326, both with grade of 'B' or better.
- CMPSCI 230 (or CMPSCI 220) and CMPSCI 326, both with grade of 'B' or better.
- CMPSCI 320 with a grade of 'A' or better.
- CMPSCI 320 with a grade of 'A' or better.
- CMPSCI 311 with a grade of 'C' or better.
- CMPSCI 311 with a grade of 'C' or better.
- CMPSCI 383 and MATH 235 with a grade of 'C' or better.
- CMPSCI 311 with a grade of 'C' or better.
- CMPSCI 311 with a grade of 'C' or better.

**Class Associated Req (Elig Restrictions):**
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**Class Notes/Comments:**
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- DOES NOT SATISFY CS MAJOR/MINOR REQUIREMENTS. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ONLINE FORM: https://www.cs.umass.edu/overrides.
- STUDENTS WHO ARE NOT CMPSCI MAJORS BUT HAVE SUFFICIENT PROGRAMMING EXPERIENCE, CS GRADUATE STUDENTS, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ONLINE FORM: https://www.cs.umass.edu/overrides.
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- ENROLLMENT IN CMPSCI 497S IS REQUIRED. STUDENTS NEEDING INSTRUCTOR PERMISSION MUST REQUEST OVERRIDES VIA THE ONLINE FORM: https://www.cs.umass.edu/overrides.
- STUDENTS NEEDING INSTRUCTOR PERMISSION MUST REQUEST OVERRIDES VIA THE ONLINE FORM: https://www.cs.umass.edu/overrides.

**Notes:**
- LECT 01 FOR UNDERGRADS; LECT 02 FOR GRADS.
- CMPSCI 320 with a grade of 'A' or better.
- CMPSCI 320 with a grade of 'A' or better.
- CMPSCI 311 with a grade of 'C' or better.
- CMPSCI 311 with a grade of 'C' or better.
- CROSS-LISTED WITH E&C-ENG 597CR. STUDENTS WHO HAVE TAKEN CMPSCI 466 ARE NOT ELIGIBLE TO TAKE THIS COURSE. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ONLINE FORM: https://www.cs.umass.edu/overrides.
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<tr>
<td>617</td>
<td>Streinu</td>
<td>MATHEMATICAL MATURITY REQUIRED. PERMISSION OF INSTRUCTOR TO OVERRIDE PREREQUISITE OR ELIGIBILITY. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>620</td>
<td>Bendraou</td>
<td>MEETS WITH CMPSCI 520. PREREQUISITE OF CMPSCI 320 WITH A GRADE OF 'C' OR BETTER REQUIRED FOR SENIORS, OR PERMISSION OF INSTRUCTOR. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>645</td>
<td>Meliou</td>
<td>STUDENTS SHOULD HAVE TAKEN AN UNDERGRADUATE LEVEL COURSE ON OPERATING SYSTEMS OR DATABASES. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>660</td>
<td>Houmansadr</td>
<td>PREREQUISITE OF CMPSCI 460 OR CMPSCI 466, OR EQUIVALENT. UNDERGRADUATE MAJORS AND NON-CMPSCI STUDENTS BY PERMISSION OF INSTRUCTOR. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>677</td>
<td>Shenoy</td>
<td>LECT 02 IS ON-LINE. SENIOR CMPSCI MAJORS WITH PERMISSION OF INSTRUCTOR; BACKGROUND IN UNDERGRAD OS IS HELPFUL. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>688</td>
<td>Sheldon</td>
<td>COURSE NUMBER CHANGED FROM CMPSCI 691GM TO CMPSCI 688. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>689</td>
<td>Maj</td>
<td>PERMISSION OF INSTRUCTOR FOR CMPSCI MAJORS MEETING THE PREREQUISITE OF MATH 132 AND MATH 235, AND EITHER STATISTICS 515 OR 607 OR 608. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<td>690AA</td>
<td>Saha</td>
<td>STUDEIES NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<td>691DD</td>
<td>Saha</td>
<td>STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<td>691DA</td>
<td>Berger</td>
<td>STUDEIES NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<td>691MA</td>
<td>O'Connor</td>
<td>FIRST YEAR GRADUATE STUDENTS WISHING TO TAKE THIS COURSE SHOULD CONTACT INSTRUCTOR. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<td>701</td>
<td>STAFF</td>
<td>COMPLETE SPECIAL FORM IN CS MAIN OFFICE TO ADD COURSE (SEE GRADUATE PROGRAM MANAGER).</td>
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<td>691M</td>
<td>McGregor</td>
<td>MAY BE REPEATED FOR CREDIT UP TO 6 TIMES. OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>899</td>
<td>STAFF</td>
<td>COURSE OPEN ONLY TO CS GRADUATE STUDENTS WHO HAVE PASSED PORTFOLIO. REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<td>Course</td>
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<td>Notes</td>
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<td>H320</td>
<td>Brun</td>
<td>Open to senior, junior, and sophomore. Commonwealth Honors College students only. Students must be enrolled in CMPSCI 320. Students needing special permission must request overrides via the on-line form: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<td>H589</td>
<td>Marlin</td>
<td>Open to senior, junior, and sophomore. Commonwealth Honors College students only. Students must be enrolled in CMPSCI 589. Students needing special permission must request overrides via the on-line form: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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