

**Department: Physics & Astronomy**

**Subject: Astronomy**

|    |       |      |     |     |                     |   |     |            |     |     |                  |
|----|-------|------|-----|-----|---------------------|---|-----|------------|-----|-----|------------------|
| DP | 70393 | ASTR | 110 | 001 | Survey of Astronomy | 3 | MWF | 0830-0920a | MSB | 114 | Sanders, D       |
| DP | 70394 | ASTR | 110 | 002 | Survey of Astronomy | 3 | MWF | 0930-1020a | WAT | 112 | Joseph, R        |
| DP | 70395 | ASTR | 110 | 003 | Survey of Astronomy | 3 | MWF | 1030-1120a | WAT | 112 | Wynn-Williams, G |
| DP | 70396 | ASTR | 110 | 004 | Survey of Astronomy | 3 | MWF | 1130-1220p | WAT | 112 | Mendez, R        |
| DP | 70397 | ASTR | 110 | 005 | Survey of Astronomy | 3 | TR  | 0900-1015a | WAT | 112 | Roussev, I       |

ASTR 110A is restricted to Honors/Selected Studies students only. Obtain Registration Approval from Sinclair Library Commons.

|    |       |              |      |                |                     |   |    |            |     |     |        |
|----|-------|--------------|------|----------------|---------------------|---|----|------------|-----|-----|--------|
| DP | 77313 | ASTR         | 110A | 001            | Survey of Astronomy | 3 | TR | 1200-0115p | WAT | 112 | Gal, R |
|    |       | Restriction: |      | Honors Program |                     |   |    |            |     |     |        |

All students registered for any Astronomy Lab must attend the first lab meeting during the first week of the semester. Failure to do so, without advance arrangements, may result in the assignment of your space to another student and require you to drop the lab to avoid a grade of 'F'. You cannot register for an Astronomy Lab after the start of class unless you attend the first meeting.

|    |       |      |      |     |                                |   |   |            |      |     |            |
|----|-------|------|------|-----|--------------------------------|---|---|------------|------|-----|------------|
| DY | 70398 | ASTR | 110L | 001 | Survey of Astronomy Laboratory | 1 | M | 0700-1000p | PHYS | 112 | Coleman, P |
| DY | 77311 | ASTR | 110L | 002 | Survey of Astronomy Laboratory | 1 | W | 0700-1000p | PHYS | 112 | Rupke, D   |

ASTR 110L 003 is restricted to Honors/Selected Studies students only. Obtain Registration Approval from SL 504A.

|    |       |              |      |                |                                |   |   |            |      |     |           |
|----|-------|--------------|------|----------------|--------------------------------|---|---|------------|------|-----|-----------|
| DY | 70399 | ASTR         | 110L | 003            | Survey of Astronomy Laboratory | 1 | T | 0700-1000p | PHYS | 112 | Nassir, M |
|    |       | Restriction: |      | Honors Program |                                |   |   |            |      |     |           |

|       |       |      |     |     |                           |   |     |            |      |             |                                 |
|-------|-------|------|-----|-----|---------------------------|---|-----|------------|------|-------------|---------------------------------|
| DP    | 76445 | ASTR | 130 | 001 | Intro to Archaeoastronomy | 3 | MWF | 1130-1220p | WAT  | 420         | Hu, E                           |
| DP,NI | 70400 | ASTR | 280 | 001 | Evolution of the Universe | 3 | TR  | 0130-0245p | WAT  | 420         | Tully, R                        |
|       | 75494 | ASTR | 399 | 001 | Directed Study            | V | TBA |            | TBA  | TBA         | Joseph, R <b>Non-Prt</b>        |
|       | 75572 | ASTR | 399 | 002 | Directed Study            | V | TBA |            | TBA  | TBA         | Bresolin, F <b>Non-Prt</b>      |
|       | 70002 | ASTR | 500 | 001 | Master's Plan B/C Studies | 1 | TBA |            | TBA  | TBA         | Barnes, J                       |
|       | 78896 | ASTR | 622 | 001 | The Interstellar Medium   | 3 | TBA | IFA        | TBA  | Williams, J |                                 |
|       | 70401 | ASTR | 633 | 001 | Astrophysical Techniques  | 3 | TBA | IFA        | C221 | Henry, J    |                                 |
|       | 70403 | ASTR | 699 | 001 | Directed Research         | V | TBA |            | TBA  | TBA         | Barnes, J <b>Non-Prt</b>        |
|       | 70404 | ASTR | 699 | 002 | Directed Research         | V | TBA |            | TBA  | TBA         | Boesgaard, A <b>Non-Prt</b>     |
|       | 70405 | ASTR | 699 | 003 | Directed Research         | V | TBA |            | TBA  | TBA         | Chambers, K <b>Non-Prt</b>      |
|       | 70406 | ASTR | 699 | 004 | Directed Research         | V | TBA |            | TBA  | TBA         | Cowie, A <b>Non-Prt</b>         |
|       | 70407 | ASTR | 699 | 005 | Directed Research         | V | TBA |            | TBA  | TBA         | Cowie, L <b>Non-Prt</b>         |
|       | 70408 | ASTR | 699 | 006 | Directed Research         | V | TBA |            | TBA  | TBA         | Ebeling, H <b>Non-Prt</b>       |
|       | 70409 | ASTR | 699 | 007 | Directed Research         | V | TBA |            | TBA  | TBA         | Ftaclas, C <b>Non-Prt</b>       |
|       | 70410 | ASTR | 699 | 008 | Directed Research         | V | TBA |            | TBA  | TBA         | Heasley, J <b>Non-Prt</b>       |
|       | 70411 | ASTR | 699 | 009 | Directed Research         | V | TBA |            | TBA  | TBA         | Henry, J <b>Non-Prt</b>         |
|       | 70412 | ASTR | 699 | 010 | Directed Research         | V | TBA |            | TBA  | TBA         | Herbig, G <b>Non-Prt</b>        |
|       | 70413 | ASTR | 699 | 011 | Directed Research         | V | TBA |            | TBA  | TBA         | Hodapp, K <b>Non-Prt</b>        |
|       | 70414 | ASTR | 699 | 012 | Directed Research         | V | TBA |            | TBA  | TBA         | Hu, E <b>Non-Prt</b>            |
|       | 70415 | ASTR | 699 | 013 | Directed Research         | V | TBA |            | TBA  | TBA         | Jewitt, D <b>Non-Prt</b>        |
|       | 70416 | ASTR | 699 | 014 | Directed Research         | V | TBA |            | TBA  | TBA         | Joseph, R <b>Non-Prt</b>        |
|       | 70417 | ASTR | 699 | 015 | Directed Research         | V | TBA |            | TBA  | TBA         | Kaiser, N <b>Non-Prt</b>        |
|       | 70418 | ASTR | 699 | 016 | Directed Research         | V | TBA |            | TBA  | TBA         | Kudritzki, R <b>Non-Prt</b>     |
|       | 70419 | ASTR | 699 | 017 | Directed Research         | V | TBA |            | TBA  | TBA         | Kuhn, J <b>Non-Prt</b>          |
|       | 70420 | ASTR | 699 | 018 | Directed Research         | V | TBA |            | TBA  | TBA         | Luppino, G <b>Non-Prt</b>       |
|       | 78172 | ASTR | 699 | 019 | Directed Research         | V | TBA |            | TBA  | TBA         | Roussev, I <b>Non-Prt</b>       |
|       | 70421 | ASTR | 699 | 020 | Directed Research         | V | TBA |            | TBA  | TBA         | Meech, K <b>Non-Prt</b>         |
|       | 70422 | ASTR | 699 | 021 | Directed Research         | V | TBA |            | TBA  | TBA         | Mickey, D <b>Non-Prt</b>        |
|       | 70423 | ASTR | 699 | 022 | Directed Research         | V | TBA |            | TBA  | TBA         | Owen, T <b>Non-Prt</b>          |
|       | 70424 | ASTR | 699 | 023 | Directed Research         | V | TBA |            | TBA  | TBA         | Rayner, J <b>Non-Prt</b>        |
|       | 70425 | ASTR | 699 | 024 | Directed Research         | V | TBA |            | TBA  | TBA         | Reipurth, B <b>Non-Prt</b>      |
|       | 70426 | ASTR | 699 | 025 | Directed Research         | V | TBA |            | TBA  | TBA         | Sanders, D <b>Non-Prt</b>       |
|       | 70427 | ASTR | 699 | 027 | Directed Research         | V | TBA |            | TBA  | TBA         | Stockton, A <b>Non-Prt</b>      |
|       | 70428 | ASTR | 699 | 028 | Directed Research         | V | TBA |            | TBA  | TBA         | Szapudi, I <b>Non-Prt</b>       |
|       | 70429 | ASTR | 699 | 029 | Directed Research         | V | TBA |            | TBA  | TBA         | Tholen, D <b>Non-Prt</b>        |
|       | 70430 | ASTR | 699 | 030 | Directed Research         | V | TBA |            | TBA  | TBA         | Tokunaga, A <b>Non-Prt</b>      |
|       | 70431 | ASTR | 699 | 031 | Directed Research         | V | TBA |            | TBA  | TBA         | Tonry, J <b>Non-Prt</b>         |
|       | 70432 | ASTR | 699 | 032 | Directed Research         | V | TBA |            | TBA  | TBA         | Tully, R <b>Non-Prt</b>         |
|       | 70433 | ASTR | 699 | 033 | Directed Research         | V | TBA |            | TBA  | TBA         | Williams, J <b>Non-Prt</b>      |
|       | 70434 | ASTR | 699 | 034 | Directed Research         | V | TBA |            | TBA  | TBA         | Wynn-Williams, G <b>Non-Prt</b> |
|       | 74373 | ASTR | 699 | 035 | Directed Research         | V | TBA |            | TBA  | TBA         | Jedicke, R <b>Non-Prt</b>       |
|       | 74891 | ASTR | 699 | 036 | Directed Research         | V | TBA |            | TBA  | TBA         | Bresolin, F <b>Non-Prt</b>      |
|       | 74893 | ASTR | 699 | 037 | Directed Research         | V | TBA |            | TBA  | TBA         | Bus, S <b>Non-Prt</b>           |
|       | 74895 | ASTR | 699 | 038 | Directed Research         | V | TBA |            | TBA  | TBA         | Chun, M <b>Non-Prt</b>          |
|       | 74897 | ASTR | 699 | 039 | Directed Research         | V | TBA |            | TBA  | TBA         | Coleman, P <b>Non-Prt</b>       |
|       | 74899 | ASTR | 699 | 040 | Directed Research         | V | TBA |            | TBA  | TBA         | Hall, D <b>Non-Prt</b>          |
|       | 74900 | ASTR | 699 | 041 | Directed Research         | V | TBA |            | TBA  | TBA         | Li, <b>Non-Prt</b>              |
|       | 74903 | ASTR | 699 | 042 | Directed Research         | V | TBA |            | TBA  | TBA         | Lin, H <b>Non-Prt</b>           |
|       | 74905 | ASTR | 699 | 043 | Directed Research         | V | TBA |            | TBA  | TBA         | Liu, M <b>Non-Prt</b>           |
|       | 74907 | ASTR | 699 | 044 | Directed Research         | V | TBA |            | TBA  | TBA         | Magnier, E <b>Non-Prt</b>       |
|       | 74909 | ASTR | 699 | 045 | Directed Research         | V | TBA |            | TBA  | TBA         | McLaren, B <b>Non-Prt</b>       |
|       | 74911 | ASTR | 699 | 046 | Directed Research         | V | TBA |            | TBA  | TBA         | Mendez, R <b>Non-Prt</b>        |
|       | 74913 | ASTR | 699 | 047 | Directed Research         | V | TBA |            | TBA  | TBA         | Tollestrup, E <b>Non-Prt</b>    |
|       | 74914 | ASTR | 699 | 048 | Directed Research         | V | TBA |            | TBA  | TBA         | Wainscoat, R <b>Non-Prt</b>     |
|       | 74936 | ASTR | 699 | 049 | Directed Research         | V | TBA |            | TBA  | TBA         | Gaidos, E <b>Non-Prt</b>        |
|       | 75474 | ASTR | 699 | 050 | Directed Research         | V | TBA |            | TBA  | TBA         | Habbal, S <b>Non-Prt</b>        |

|                    |      |     |     |                       |   |     |      |      |                  |         |
|--------------------|------|-----|-----|-----------------------|---|-----|------|------|------------------|---------|
| 76281              | ASTR | 699 | 051 | Directed Research     | V | TBA | TBA  | TBA  | Jefferies, S     | Non-Prt |
| 76957              | ASTR | 699 | 052 | Directed Research     | V | TBA | TBA  | TBA  | Kewley, L        | Non-Prt |
| 77925              | ASTR | 699 | 053 | Directed Research     | V | TBA | TBA  | TBA  | Aspin, C         | Non-Prt |
| 75094              | ASTR | 700 | 001 | Thesis Research       | V | TBA | TBA  | TBA  | Meech, K         | Non-Prt |
| 74664              | ASTR | 734 | 001 | Astronomy Seminar I   | V | TBA | IFA  | C221 | Kuhn, J          |         |
| 78897              | ASTR | 735 | 001 | Astronomy Seminar II  | V | TBA | IFA  | TBA  | Kaiser, N        |         |
| 78898              | ASTR | 736 | 001 | Astronomy Seminar III | V | TBA | IFA  | TBA  | Hodapp, K        |         |
| Restriction: Major |      |     |     |                       |   |     |      |      |                  |         |
| 75857              | ASTR | 740 | 001 | Astrobiology Seminar  | 1 | TBA | PHYS | 211  | Haghighipour, N  |         |
| 70436              | ASTR | 800 | 001 | Dissertation Research | V | TBA | TBA  | TBA  | Barnes, J        | Non-Prt |
| 70437              | ASTR | 800 | 002 | Dissertation Research | V | TBA | TBA  | TBA  | Boesgaard, A     | Non-Prt |
| 70438              | ASTR | 800 | 003 | Dissertation Research | V | TBA | TBA  | TBA  | Chambers, K      | Non-Prt |
| 70439              | ASTR | 800 | 004 | Dissertation Research | V | TBA | TBA  | TBA  | Cowie, A         | Non-Prt |
| 70440              | ASTR | 800 | 005 | Dissertation Research | V | TBA | TBA  | TBA  | Cowie, L         | Non-Prt |
| 70441              | ASTR | 800 | 006 | Dissertation Research | V | TBA | TBA  | TBA  | Ebeling, H       | Non-Prt |
| 70442              | ASTR | 800 | 008 | Dissertation Research | V | TBA | TBA  | TBA  | Ftaclas, C       | Non-Prt |
| 70443              | ASTR | 800 | 009 | Dissertation Research | V | TBA | TBA  | TBA  | Heasley, J       | Non-Prt |
| 70444              | ASTR | 800 | 010 | Dissertation Research | V | TBA | TBA  | TBA  | Henry, J         | Non-Prt |
| 70445              | ASTR | 800 | 011 | Dissertation Research | V | TBA | TBA  | TBA  | Herbig, G        | Non-Prt |
| 70446              | ASTR | 800 | 012 | Dissertation Research | V | TBA | TBA  | TBA  | Hodapp, K        | Non-Prt |
| 70447              | ASTR | 800 | 013 | Dissertation Research | V | TBA | TBA  | TBA  | Hu, E            | Non-Prt |
| 70448              | ASTR | 800 | 014 | Dissertation Research | V | TBA | TBA  | TBA  | Jewitt, D        | Non-Prt |
| 70449              | ASTR | 800 | 015 | Dissertation Research | V | TBA | TBA  | TBA  | Joseph, R        | Non-Prt |
| 70450              | ASTR | 800 | 016 | Dissertation Research | V | TBA | TBA  | TBA  | Kaiser, N        | Non-Prt |
| 70451              | ASTR | 800 | 017 | Dissertation Research | V | TBA | TBA  | TBA  | Kudritzki, R     | Non-Prt |
| 70452              | ASTR | 800 | 018 | Dissertation Research | V | TBA | TBA  | TBA  | Kuhn, J          | Non-Prt |
| 70453              | ASTR | 800 | 019 | Dissertation Research | V | TBA | TBA  | TBA  | Luppino, G       | Non-Prt |
| 70454              | ASTR | 800 | 021 | Dissertation Research | V | TBA | TBA  | TBA  | Meech, K         | Non-Prt |
| 70455              | ASTR | 800 | 022 | Dissertation Research | V | TBA | TBA  | TBA  | Mickey, D        | Non-Prt |
| 70456              | ASTR | 800 | 023 | Dissertation Research | V | TBA | TBA  | TBA  | Owen, T          | Non-Prt |
| 70457              | ASTR | 800 | 024 | Dissertation Research | V | TBA | TBA  | TBA  | Rayner, J        | Non-Prt |
| 70458              | ASTR | 800 | 025 | Dissertation Research | V | TBA | TBA  | TBA  | Reipurth, B      | Non-Prt |
| 70459              | ASTR | 800 | 026 | Dissertation Research | V | TBA | TBA  | TBA  | Sanders, D       | Non-Prt |
| 70460              | ASTR | 800 | 028 | Dissertation Research | V | TBA | TBA  | TBA  | Stockton, A      | Non-Prt |
| 70461              | ASTR | 800 | 029 | Dissertation Research | V | TBA | TBA  | TBA  | Szapudi, I       | Non-Prt |
| 70462              | ASTR | 800 | 030 | Dissertation Research | V | TBA | TBA  | TBA  | Tholen, D        | Non-Prt |
| 70463              | ASTR | 800 | 031 | Dissertation Research | V | TBA | TBA  | TBA  | Tokunaga, A      | Non-Prt |
| 70464              | ASTR | 800 | 032 | Dissertation Research | V | TBA | TBA  | TBA  | Tonry, J         | Non-Prt |
| 70465              | ASTR | 800 | 033 | Dissertation Research | V | TBA | TBA  | TBA  | Tully, R         | Non-Prt |
| 70466              | ASTR | 800 | 034 | Dissertation Research | V | TBA | TBA  | TBA  | Williams, J      | Non-Prt |
| 70467              | ASTR | 800 | 035 | Dissertation Research | V | TBA | TBA  | TBA  | Wynn-Williams, G | Non-Prt |
| 74374              | ASTR | 800 | 036 | Dissertation Research | V | TBA | TBA  | TBA  | Jedicke, R       | Non-Prt |
| 74892              | ASTR | 800 | 037 | Dissertation Research | V | TBA | TBA  | TBA  | Bresolin, F      | Non-Prt |
| 74894              | ASTR | 800 | 038 | Dissertation Research | V | TBA | TBA  | TBA  | Bus, S           | Non-Prt |
| 74896              | ASTR | 800 | 039 | Dissertation Research | V | TBA | TBA  | TBA  | Chun, M          | Non-Prt |
| 74898              | ASTR | 800 | 040 | Dissertation Research | V | TBA | TBA  | TBA  | Coleman, P       | Non-Prt |
| 74901              | ASTR | 800 | 041 | Dissertation Research | V | TBA | TBA  | TBA  | Hall, D          | Non-Prt |
| 74902              | ASTR | 800 | 042 | Dissertation Research | V | TBA | TBA  | TBA  | Li,              | Non-Prt |
| 74904              | ASTR | 800 | 043 | Dissertation Research | V | TBA | TBA  | TBA  | Lin, H           | Non-Prt |
| 74906              | ASTR | 800 | 044 | Dissertation Research | V | TBA | TBA  | TBA  | Liu, M           | Non-Prt |
| 74908              | ASTR | 800 | 045 | Dissertation Research | V | TBA | TBA  | TBA  | Magnier, E       | Non-Prt |
| 74910              | ASTR | 800 | 046 | Dissertation Research | V | TBA | TBA  | TBA  | McLaren, B       | Non-Prt |
| 74912              | ASTR | 800 | 047 | Dissertation Research | V | TBA | TBA  | TBA  | Mendez, R        | Non-Prt |
| 74916              | ASTR | 800 | 048 | Dissertation Research | V | TBA | TBA  | TBA  | Tollestrup, E    | Non-Prt |
| 74915              | ASTR | 800 | 049 | Dissertation Research | V | TBA | TBA  | TBA  | Wainscoat, R     | Non-Prt |
| 75475              | ASTR | 800 | 050 | Dissertation Research | V | TBA | TBA  | TBA  | Habbal, S        | Non-Prt |
| 76196              | ASTR | 800 | 051 | Dissertation Research | V | TBA | TBA  | TBA  | Gaidos, E        | Non-Prt |
| 77926              | ASTR | 800 | 052 | Dissertation Research | V | TBA | TBA  | TBA  | Aspin, C         | Non-Prt |
| 77927              | ASTR | 800 | 053 | Dissertation Research | V | TBA | TBA  | TBA  | Kewley, L        | Non-Prt |