

Current Placement Levels and Cutoffs

Last Reviewed: August 16, 2016

Level Test Codes

ML — indicates level is based on a placement test or other normed test (SAT, ACT, SBAC)*

MTL — indicates level is based on course work transferred to SOU

MOL — indicated level is based on another institution's placement test*

Level Test Scores

Score field to indicates maximum placement. Actual course numbers are used for Mth 065, 095, 111, 112, and 251. Use 100 for entry-level students (Mth 105, 211, or 243).

| Source | Code | Score | Criteria | Expiration | Advising Sheet Color |
|--|------|---|--|---------------|----------------------|
| Placement Test | ML | 060 | $1 \leq EA \leq 29$ | After 2 years | Orange |
| | ML | 065 | $EA \geq 30$ | | Goldenrod |
| | ML | 095 | $EA \geq 40$ | | Yellow |
| | ML | 100 | $EA \geq 50$ OR $SATM \geq 450$ (old) OR $S12 \geq 490$ (new SAT) OR $ACTM \geq 17$ OR $SBAC=3$ | | Green |
| | ML | 111 | $EA \geq 75$ OR $CLM \geq 30$ OR $SATM \geq 500$ (old) or $S12 \geq 530$ (new SAT) OR $ACTM \geq 20$ OR $SBAC=4$ | | Cherry |
| | ML | 112 | $(EA \geq 095$ AND $CLM \geq 30)$ OR $CLM \geq 42$ | | Pink |
| | ML | 251 | $CLM \geq 060$ | | Purple |
| Transfer Courses | MTL | 065 | Passed equivalent of Mth 060 with C- or better | Never | Blue |
| | MTL | 095 | Passed equivalent of Mth 065 with C- or better | | |
| | MTL | 100 | Passed a college level mathematics course with a C- or better, but no record regarding Mth 095 background | | |
| | MTL | 111 | Passed equivalent of Mth 095 with C- or better | | |
| | MTL | 112 | Passed equivalent of Mth 111 with C- or better | | |
| | MTL | 251 | Passed equivalent of Mth 112 with C- or better | | |
| | MTL | 252 253 | Passed equivalent of Mth 251 or 252 respectively with a C- or better; not used for placement | | |
| MTL | 254 | Passed at least the equivalent of one year of single variable calculus with a C- or better; not used for placement; older entries may use 281 or other over 251 numbers | | | |
| Alternative Placement Test (parallels ML code) | MOL | 060 | May register for Mth 060 | After 2 years | None |
| | MOL | 065 | May register for Mth 065 | | |
| | MOL | 095 | May register for Mth 095 | | |
| | MOL | 100 | May register for Mth 105/158/211/243 | | |
| | MOL | 111 | May register for Mth 111 | | |
| | MOL | 112 | May register for Mth 112 | | |
| MOL | 251 | May register for Mth 251 | | | |

*In some cases, placement tests from other accredited colleges or universities may be used. Like SOU's placement test results, all results based on a test expire 2 years from the test date.

Notes:

- SATM does not correlate well for students needing developmental courses or capable of work above ML 111. Those who scored lower than 450 need to take the placement test to determine the appropriate starting point: Mth 60, 65, or 95. Students scoring above 550 should be encouraged to take the placement test to determine if ML 112 or ML 251 may be warranted.
- In rare instances, mathematics faculty who identify appropriate prior work to qualify for admission to a particular course even though the student may not have a prior course on his/her transcript that articulates to the prerequisite may record this finding using an MTL code.
- MTL codes do not expire.

Alternative Placement Options

AP Exams

Students bringing in AP credit may move directly into the next courses in the sequence. AP credit will be articulated with the course(s) indicated and once entered into banner will satisfy prerequisites.

| AP Exam | Score | Credits | Course(s) |
|------------------------------|--------------|---------|-------------------|
| Calculus AB | 3 | 4 | MTH 251 |
| Calculus AB | 4+ | 8 | MTH 251, 252 |
| Calculus BC + AB Subscore | 1 or 2 3+ | 4 | Mth 251 |
| Calculus BC | 3 | 8 | MTH 251, 252 |
| Calculus BC | 4+ | 12 | MTH 251, 252, 253 |
| Statistics | 4+ | 4 | MTH 243 |

CLEP Exams

Students bringing in CLEP credit may move directly into the next courses in the sequence. CLEP credit will be articulated with the course and once entered into banner will satisfy prerequisites.

| CLEP Exam | Scores | Credits | Course(s) |
|------------------------------------|--------|---------|------------------|
| Calculus with Elementary Functions | 50 | 4 | MTH 251 |
| Calculus with Elementary Functions | 60 | 8 | MTH 251, MTH 252 |
| College Algebra | 50 | 4 | MTH 111 |
| College Mathematics | 50 | 4 | Math elective |
| Precalculus | 50 | 8 | MTH 111, MTH 112 |

ASC Courses

SOU currently offers ASC courses for MTH 111/112, 243/244, and 251/252/253. Students earning ASC in calculus will have MTL scores entered in banner to assure they don't encounter prerequisites blocks when registering for Mth 243 or other lower-level mathematics courses that do not normally check for calculus courses to clear prerequisite holds.