

# Guided Self Placement Resources

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Starting with the end in mind the following items should be discussed with students.

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1. **Educational Goal** - Difference between degrees, certificates, and transfer degrees.
  - a. **Associate of Arts and Associate of Science degrees** can be used to obtain necessary skills for a range of possible careers, or they may be used to transfer to a four-year institution.
  - b. **Associate in Arts/Associate in Science for Transfer degrees (AA-T, AS-T)**. Students will earn an associate degree as well as being transfer-ready.
  - c. **Certificates of Achievement** are awarded to students who complete formal instructional programs of at least 18 units designed to prepare them for a specific field or endeavor.
    - i. May not include Math or English as a requirement for completion check specific program the student is seeking
  - d. **Job Skills Certificates** are awarded upon the satisfactory completion of coursework (less than 18 units) in a specific area of study
    - i. May not include Math or English as a requirement for completion check specific program the student is seeking

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2. **Learning and Career Pathways** – Demonstrate for student the desired mathematics course options by pathway
  - a. **Agriculture, Nutrition, & Culinary Arts:**
    - i. Tech Math B52 Mathematics for Career Education (for non-transfer degrees),
    - ii. Math B65 Intermediate Algebra for Statistics Lab Courses (for non-transfer degrees),
    - iii. Math B22 Elementary Probability and Statistics,
    - iv. Psychology B5 Elementary Statistics for the Behavioral and Social Sciences
  - b. **Arts, Humanities, & Communication:**
    - i. Math B65 Intermediate Algebra for Statistics Lab Courses (for non-transfer degrees),
    - ii. Math B22 Elementary Probability and Statistics,
    - iii. Psychology B5 Elementary Statistics for the Behavioral and Social Sciences
  - c. **Business**
    - i. Math B70 Intermediate Algebra (for non-transfer degrees),
    - ii. Math B22 Elementary Probability and Statistics,
    - iii. Math B23 Finite Mathematics
  - d. **Education**
    - i. Tech Math B52 Mathematics for Career Education (for non-transfer degrees),
    - ii. Math B65 Intermediate Algebra for Statistics Lab Courses (for non-transfer degrees),
    - iii. Math B4a Mathematics for Elementary School Teaching
    - iv. Math B22 Elementary Probability and Statistics,
    - v. Psychology B5 Elementary Statistics for the Behavioral and Social Sciences
  - e. **Health Sciences**
    - i. Tech Math B52 Mathematics for Career Education (for non-transfer degrees),
    - ii. Math B65 Intermediate Algebra for Statistics Lab Courses (for non-transfer degrees),
    - iii. Math B22 Elementary Probability and Statistics,
    - iv. Psychology B5 Elementary Statistics for the Behavioral and Social Sciences
  - f. **Industrial & Transportation Technology**
    - i. Tech Math B52 Mathematics for Career Education (for non-transfer degrees),
    - ii. Math B65 Intermediate Algebra for Statistics Lab Courses (for non-transfer degrees),
    - iii. Math B22 Elementary Probability and Statistics,
    - iv. Psychology B5 Elementary Statistics for the Behavioral and Social Sciences
  - g. **Public Safety:**
    - i. Tech Math B52 Mathematics for Career Education (for non-transfer degrees),
    - ii. Math B65 Intermediate Algebra for Statistics Lab Courses (for non-transfer degrees),
    - iii. Math B22 Elementary Probability and Statistics,
    - iv. Psychology B5 Elementary Statistics for the Behavioral and Social Sciences
  - h. **Social & Behavioral Sciences:**
    - i. Math B65 Intermediate Algebra for Statistics Lab Courses (for non-transfer degrees),
    - ii. Math B22 Elementary Probability and Statistics,
    - iii. Psychology B5 Elementary Statistics for the Behavioral and Social Sciences
  - i. **STEM (Science, Technology, Engineering, & Math):**
    - i. Math B70 Intermediate Algebra (for non-transfer degrees),
    - ii. Math B1a Pre-calculus I,
    - iii. Math B1b Precalculus II,
    - iv. Math B6a Calculus I