

ASSET & COMPASS

ADVISING GUIDE

Isothermal Community College
Career Center
2008-09

WRITING SKILLS AND READING COMPREHENSION GUIDE

Includes the following **degree** programs:

Associate of Arts	Associate of Science	Advertising and Graphic Design
Associate Degree Nursing	Banking and Finance	Broadcasting and Production
Building Construction	Business Administration	Computer Engineering
Computer Information	Computer Programming	Cosmetology
Criminal Justice	Early Childhood	Electrical/Electronics
Electronics Engineering	General Occupational Tech	Industrial Systems Technology
Information Systems Security	Manufacturing	Manufacturing (Plastics)
Manufacturing (Composites)	Marketing and Retailing	Mechanical Drafting
Mechanical Engineering	Medical Office Administration	Networking
Occupational Education Associate	Office Systems Technology	Paralegal
Teacher Associate	Web Technology	Welding

Includes the following **diploma** programs:

Broadcasting and Production	Business Administration	Computer Engineering
Criminal Justice	Early Childhood	General Occupational Technology
Mechanical Drafting	Medical Office Administration	Occupational Education Associate
Office Systems Technology	Practical Nursing	Surgical Technology

Notes:

Students must have scores placing them into ENG 111 on both writing and reading skills to begin their freshman composition series.

*ENG 085 is a combination reading and writing course. Students that score 23-33 in ASSET Writing or ASSET Reading Skills; or 0-30 COMPASS Writing or 0-49 COMPASS Reading may take ENG 085, Reading and Writing Foundations.

*ENG 095 is a combination reading and writing course. Students must score 36-40 in ASSET Writing and ASSET Reading Skills; or 47-69 COMPASS Writing and 61-80 COMPASS Reading to take ENG 095, Reading and Composition Strategies.

Course Placement Possibilities:

ENG 085, Reading and Writing Foundations	RED 080, Introduction to College Reading
ENG 080, Writing Foundations	RED 090, Improved College Reading
ENG 090, Composition Strategies	ENG 111, Expository Writing
ENG 095, Reading and Composition Strategies	

WRITING SKILLS

ASSET	COMPASS	
<i>Scaled Scores</i>	<i>Scaled Scores</i>	<i>Course Placement</i>
23-33	0-30	ENG 080 or *ENG 085 then ENG 090.
34-35	31-46	ENG 090.
36-40	47-69	ENG 090 or *ENG 095.
41-54	70-100	ENG 111, if reading score places into same level.

READING SKILLS

ASSET	COMPASS	
<i>Scaled Scores</i>	<i>Scaled Scores</i>	<i>Course Placement</i>
23-33	0-49	RED 080 or *ENG 085, then RED 090.
34-35	50-60	RED 090.
36-40	61-80	RED 090 or *ENG 095.
41-53	81-100	ENG 111, if writing score places into same level.

MATH GUIDE

MATH OPTION 1

Arts and Sciences Majors

*An additional requirement to place into MAT 080, Intermediate Algebra, is that the student must have successfully completed an algebra course within the previous year. If an algebra course has not been taken within the previous 12 months, then MAT 070, Introductory Algebra, is required.

Course Placement Possibilities:

MAT 060, Essential Mathematics	MAT 141/141A Mathematical Concepts I with Lab
MAT 070, Introductory Algebra	MAT 142/142A Mathematical Concepts II with Lab
MAT 080, Intermediate Algebra	MAT 151, Statistics I
MAT 161, College Algebra	MAT 171/171A, Precalculus Algebra with lab
MAT 162, College Trigonometry	MAT 172/172A, Precalculus Trigonometry with lab
MAT 175 Precalculus	MAT 263/263A, Brief Calculus with lab
MAT 271, Calculus I	MAT 272, Calculus II

ASSET Numerical Skills <i>Scaled Scores</i>	COMPASS Pre-Algebra <i>Scaled Scores</i>	<i>Course Placement</i>
23-40	0-46	MAT 060.
41-55	47-100	MAT 060 is not required.
ASSET Intermediate Algebra <i>Scaled Scores</i>	COMPASS Algebra <i>Scaled Scores</i>	<i>Course Placement</i>
23-38	0-45	MAT 070.
39-40	46-65	*MAT 080.
41-55	66-100	MAT 161.
ASSET College Algebra <i>Scaled Scores</i>	COMPASS College Algebra <i>Scaled Scores</i>	<i>Course Placement</i>
23-37	0-46	*MAT 080.
38-43	47-54	MAT 161.
44-55	55-100	MAT 271.

Students majoring in these programs should not take an algebra placement test lower than ASSET Intermediate Algebra or COMPASS Algebra.

MATH GUIDE (continued)

MATH OPTION 2

Computer Engineering
Electronics Engineering
Mechanical Engineering
Manufacturing (Composites Concentration)

Math Option 1 may be more suitable for engineering AAS majors interested in transferring to a four-year institution. Advisors should consult with four-year institutions for options when necessary.

*An additional requirement to place into MAT 080, Intermediate Algebra, is that the student must have successfully completed an algebra course within the previous year. If an algebra course has not been taken within the previous 12 months, then MAT 070, Introductory Algebra, is required.

Course Placement Possibilities:

MAT 060, Essential Mathematics
MAT 070, Introductory Algebra
MAT 080, Intermediate Algebra
MAT 161, College Algebra
MAT 162, College Trigonometry

ASSET Numerical Skills <i>Scaled Scores</i>	COMPASS Pre-Algebra <i>Scaled Scores</i>	<i>Course Placement</i>
23-40	0-46	MAT 060.
41-55	47-100	MAT 060 is not required.
ASSET Intermediate Algebra <i>Scaled Scores</i>	COMPASS Algebra <i>Scaled Scores</i>	<i>Course Placement</i>
23-38	0-45	MAT 070.
39-40	46-65	*MAT 080.
41-55	66-100	MAT 161.
ASSET College Algebra <i>Scaled Scores</i>	COMPASS College Algebra <i>Scaled Scores</i>	<i>Course Placement</i>
23-37	0-46	*MAT 080.
38-43	47-54	MAT 161.
44-55	55-100	MAT 271.

Students majoring in these programs should not take an algebra test lower than ASSET Intermediate Algebra or COMPASS Algebra.

MATH GUIDE (continued)

MATH OPTION 3

Includes the following **A.A.S.** programs:

Advertising and Graphic Design	Banking and Finance	Broadcasting
Building Construction	Business Administration	Computer Programming
Computer Information	Cosmetology	Criminal Justice
Early Childhood	Electrical/Electronics	General Occupational
Industrial Systems	Information Systems Security	Manufacturing
Manufacturing (Plastics)	Marketing and Retailing	Mechanical Drafting
Medical Office Admin	Networking	Office Systems
Occupational Education	Paralegal	Teacher Associate
Web Technology	Welding	

Includes the following **Diploma** programs:

Business Administration	Early Childhood	Electronic Commerce
Mechanical Drafting	Medical Office Administration	Office Systems Tech
General Occupational Technology		

Course Placement Possibilities:

- MAT 060, Essential Mathematics
- MAT 070, Introductory Algebra
- MAT 115, Mathematical Models

ASSET Numerical Skills

Scaled Scores

- 23-40
- 41-55

COMPASS Pre-Algebra

Scaled Scores

- 0-46
- 47-100

Course Placement

- MAT 060.
- MAT 060 is not required.

ASSET Elementary Algebra

Scaled Scores

- 23-40
- 41-55

COMPASS Algebra

Scaled Scores

- 0-45
- 46-100

Course Placement

- MAT 070.
- MAT 115.

Students majoring in these programs should not take an algebra test higher than ASSET Elementary Algebra or COMPASS Algebra.

MATH GUIDE (continued)

MATH OPTION 4

Associate Degree Nursing

Course Placement Possibilities:

MAT 060, Essential Mathematics

MAT 070, Introductory Algebra

ASSET Numerical Skills <i>Scaled Scores</i>	COMPASS Pre-Algebra <i>Scaled Scores</i>	<i>Course Placement</i>
23-40	0-46	MAT 060.
41-55	47-100	MAT 060 is not required.

ASSET Elementary Algebra <i>Scaled Scores</i>	COMPASS Algebra <i>Scaled Scores</i>	<i>Course Placement</i>
23-40	0-45	MAT 070.
41-55	46-100	MAT 070 is not required.

ADN majors should not take an algebra test higher than ASSET Elementary Algebra or COMPASS Algebra.

MATH OPTION 5

Includes the following Diploma programs:

Autobody Repair

Cosmetology

Electrical/Electronics

Machining Technology

Machining, Plastics Concentration

Surgical Technology

Welding

Course Placement Possibilities

MAT 060, Essential Mathematics

MAT 101, Applied Mathematics I

ASSET Numerical Skills <i>Scaled Scores</i>	COMPASS Pre-Algebra <i>Scaled Scores</i>	<i>Course Placement</i>
23-40	0-46	MAT 060.
41-55	47-100	MAT 101.

*ALGEBRA PLACEMENT IS NOT REQUIRED.

MATH GUIDE (continued)

MATH OPTION 6

Practical Nursing

Course Placement Possibilities

MAT 060

ASSET Numerical Skills
Scaled Scores

COMPASS Pre-Algebra
Scaled Scores

Course Placement

23-40

0-46

MAT 060.

41-55

47-100

MAT 060 is not required.

*ALGEBRA PLACEMENT IS NOT REQUIRED.