

ASSOCIATE IN SCIENCE REQUIREMENTS

2008 – 2009 Catalog

I. REQUIRED CORE CURRICULUM COURSES 15 s.h.

- ENG 101** MAT 110♦ or MAT 112♦ or MAT 120 or MAT 140
 ENG 102 PSY 201 or ECO 210 SPC 205 or SPC 209 or THE 101

II. MATH & LAB SCIENCE COURSES 21 s.h.

(must include **another MAT** and **a lab science**)

- Mathematics: MAT 111♦ MAT 120 MAT 140 MAT 240
 MAT 110♦ MAT 112♦ MAT 132 MAT 141 MAT 242

Lab Sciences:

- AST 101 BIO 210 CHM 111 EVT 222 PHY 221♦
 AST 102 BIO 211 CHM 211♦ EVT 224 PHY 222♦
 BIO 101 BIO 225 CHM 212♦ PHY 201♦ PHY 223
 BIO 102 CHM 110 CHM 220 PHY 202♦

III. HUMANITIES, SOCIAL SCIENCES AND LANGUAGES 9 s.h.

Humanities (must include one):

- ART 101 ENG 205 ENG 218 HIS 105 HIS 202
 ART 107 ENG 206 ENG 222 HIS 106 MUS 105
 ART 108 ENG 208 HIS 101 HIS 130 PHI 101
 ENG 201 ENG 209 HIS 102 HIS 131 PHI 110
 ENG 202 ENG 214 HIS 104 HIS 201 THE 101

Social Sciences and Languages:

- ANT 101 FRE 102 GER 201 PSY 203 SPA 101
 CRJ 101 FRE 201 GER 202 PSY 212 SPA 102
 ECO 210 FRE 202 PSC 201 SOC 101 SPA 201
 ECO 211 GER 101 PSC 215 SOC 102 SPA 202
 FRE 101 GER 102 PSY 201 SOC 230

IV. COMPUTING REQUIREMENT 3 s.h.

- CPT 101♦ or CPT 102♦ or EGR 270

V. OTHER COURSES 12 s.h.

Any previously listed course, plus:

- ACC 101 ECE 212 EGR 275 EVT 201 MGT 101
 ACC 102 ECE 221 EGR 282 EVT 210 MGT 201
 BUS 101 ECE 222 EGR 285 EVT 251 MKT 101
 BUS 121 EGR 260 EGR 286 EVT 254 PSC 220
 CHM 201♦ EGR 262 EGR 295 EVT 256 SCI 205
 CWE EGR 264 EGR 296 GEO 102 SPC 205
 ECE 201 EGR 266 ENG 260 JOU 101 SPC 209
 ECE 205 EGR 270 EVT 110 MAT 123
 ECE 211 EGR 273 EVT 154 MAT 130♦

♦ = Dual credit restrictions apply (can't count two courses with similar content)

s.h. = Semester hours (also called "credit hours")

Transfers: If you have earned credit hours (transfer courses) from other regionally accredited colleges, **at least 25%** (15 s.h.) of the total hours required in this program must have been completed at Trident Technical College.

ASSOCIATE IN SCIENCE COURSE LISTING

Effective FALL 2008

Name: _____ ID# _____ Phone: (h) _____ (cell) _____

Need: _____ BIO 100 _____ CHM 100 _____ ENG 100 _____ MAT 101(or 152) _____ MAT 102 _____ PHY 100

ACC 101	Principles of Accounting I	3	EVT 224	Environmental Chemical Analyses	4
ACC 102	Principles of Accounting II	3	EVT 251	Health Effects of Hazardous Materials	3
ANT 101	General Anthropology	3	EVT 254	Industrial Safety & Emergency Response	3
ART 101	Art History and Appreciation	3	EVT 256	Hazardous Waste	3
ART 107	History of Early Western Art	3	FRE 101	Elementary French I	4
ART 108	History of Western Art	3	FRE 102	Elementary French II	4
AST 101	Solar System Astronomy	4	FRE 201	Intermediate French I	3
AST 102	Stellar Astronomy	4	FRE 202	Intermediate French II	3
BIO 101	Biological Science I	4	GEO 102	World Regional Geography	3
BIO 102	Biological Sciences II	4	GER 101	Elementary German I	4
BIO 210	Human Anatomy and Physiology I	4	GER 102	Elementary German II	4
BIO 211	Human Anatomy and Physiology II	4	GER 201	Intermediate German I	3
BIO 225	Human Microbiology	4	GER 202	Intermediate German II	3
BUS 101	Introduction to Business	3	HIS 101	Western Civilization to 1689	3
BUS 121	Business Law I	3	HIS 102	Western Civilization Post 1689	3
CHM 110	College Chemistry I	4	HIS 104	World History I	3
CHM 111	College Chemistry II	4	HIS 105	World History II	3
CHM 201	Survey of Organic Chemistry	3	HIS 130	African-American History to 1877	3
CHM 211	Organic Chemistry I	4	HIS 131	African-American History: 1877 – Present	3
CHM 212	Organic Chemistry II	4	HIS 201	American History: Discovery to 1877	3
CHM 220	Analytical Chemistry I	5	HIS 202	American History: 1877 to Present	3
CPT 101	Introduction to Computer	3	JOU 101	Introduction to Journalism	3
CPT 102	Basic Computer Concepts	3	MAT 110	College Algebra	3
CRJ 101	Introduction to Criminal Justice	3	MAT 111	College Trigonometry	3
CWE XX	Cooperative Work Experience	1-3	MAT 112	Precalculus	5
ECE 201	Electrical and Computer Engineering Seminar	1	MAT 123	Contemporary College Mathematics	3
ECE 205	Electrical and Computer Lab I	3	MAT 120	Probability and Statistics	3
ECE 211	Introduction to Computer Engineering I	3	MAT 130	Elementary Calculus	3
ECE 212	Introduction to Computer Engineering II	3	MAT 132	Discrete Mathematics	3
ECE 221	Introduction to Electrical Engineering I	3	MAT 140	Analytic Geometry and Calculus I	4
ECE 222	Introduction to Electrical Engineering II	3	MAT 141	Analytic Geometry and Calculus II	4
ECO 210	Macroeconomics	3	MAT 240	Analytic Geometry and Calculus III	4
ECO 211	Microeconomics	3	MAT 242	Differential Equations	4
EGR 260	Engineering Statics	3	MGT 101	Principles of Management	3
EGR 262	Engineering Dynamics	3	MGT 201	Personnel Management	3
EGR 264	Introduction to Engineering Mechanics of Solids	3	MKT 101	Marketing I	3
EGR 266	Engineering Thermodynamics Fundamentals	3	MUS 105	Music Appreciation	3
EGR 270	Introduction to Engineering	3	PHI 101	Introduction to Philosophy	3
EGR 273	Problem Solving for Engineers	2	PHI 110	Ethics	3
EGR 275	Introduction to Engineering/Computer Graphics	3	PHY 201	Physics I	4
EGR 282	Introduction to Civil Engineering	2	PHY 202	Physics II	4
EGR 285	Engineering Surveying I	3	PHY 221	University Physics I	4
EGR 286	Engineering Surveying II	3	PHY 222	University Physics II	4
EGR 295	Engineering Surveying Lab I	1	PHY 223	University Physics III	4
EGR 296	Engineering for Surveying Lab II	1	PSC 201	American Government	3
ENG 101	English Composition I	3	PSC 215	State and Local Government	3
ENG 102	English Composition II	3	PSC 220	Introduction to International Relations	3
ENG 201	American Literature I	3	PSY 201	General Psychology	3
ENG 202	American Literature II	3	PSY 203	Human Growth and Development	3
ENG 205	English Literature I	3	PSY 212	Abnormal Psychology	3
ENG 206	English Literature II	3	SCI 205	Environmental Science Institute	3
ENG 208	World Literature I	3	SOC 101	Introduction to Sociology	3
ENG 209	World Literature II	3	SOC 102	Marriage and the Family	3
ENG 214	Fiction	3	SOC 230	Introduction to Gerontology	3
ENG 218	Drama	3	SPA 101	Elementary Spanish I	4
ENG 222	Poetry	3	SPA 102	Elementary Spanish II	4
ENG 260	Advanced Technical Communications	3	SPA 201	Intermediate Spanish I	3
EVT 110	Introduction to Treatment Facilities	3	SPA 202	Intermediate Spanish II	3
EVT 154	Chemistry of Hazardous Materials	4	SPC 205	Public Speaking	3
EVT 201	Environmental Science	3	SPC 209	Interpersonal Communication	3
EVT 210	Introduction to Environmental Law	3	THE 101	Introduction to Theater	3
EVT 222	Environmental Microbiology	4			