



**Plan of Study - From OCC's AAS Degree To WSU's BSET-MCT Degree**

WAYNE STATE UNIVERSITY  
 Division of Engineering Technology

Major: MCT  
 Sem Adm:

Name:  
 ID #

	Curriculum		WSU			Transfer			Remarks	Cr Remaining	
	Course Title	Cr	Term	Grd	Cr	School	Course	Cr			
Math Science	CSC 1050 (CL) Intro to C and Unix	2				OCC	CIS 1121 or 1251 or 1130				
	MAT 1800 (MC) Elemntary Functions	4				OCC	MAT 1630				
	MAT 3430 Appl Diff & Integr Calc	4									
	MAT 3450 Appl Calc & Diff Equns	4									
	CHM 1020 (PS) General Chemistry	4				OCC	CHE 1000				
	PHY 2130,1 (LP) General Physics	4				OCC	PHY 1610				
	PHY 2140,1 (LP) General Physics	4				OCC	PHY 1620				
29	(LS) Life Science	3				OCC	ANT 1520 or PSY 2510			29	
MCT Technical Core	E T 3030 Statics	3									
	E T 3050 Dynamics	3									
	E T 3850 Reliab & Engg Statistics	3									
	E T 3870 Engg Economic Analysis	3									
	E T 5870 Project Management	3									
	E T 4999 (WI) Senior Project	3									
	MIT 3500 Manufacturing Processes Lab	1				OCC	MEC 1010				
22	MCT 3010 Instrumentation	3								22	
Energy Track	MCT 4150 Applied Thermodynamics	3									
	MCT 4180 Fluid Mechanics	3									
	MCT 4210 Heat Transfer	3									
12	MCT 5210 Energy Sourse & Conversion	3								12	
Upper Div Electives	MCT								Upper Division Technical Electives (total 8 credits)	8	
8	MCT										
	MCT										
Lower Div Tech Transfer	ET 2140 Computer Graphics	3				OCC	CAD 1100 or higher				
	ET 2200 Engg Materials	3				OCC	APT 8500				
	EET 2000 Electrical Principles	3				OCC	EEC 1020 + 1040				
30	MCT/MIT Lower Div Technical	21				OCC	Other AAS Tech Courses			30	
Commu-nication	(BC) Basic Composition	3				OCC	ENG 1510				
9	ENG 3050 (IC) Intermediate Writing	3				OCC	ENG 1520				
	ENG 3060 (OC) Oral Communication	3				OCC	SPE 1610			9	
General Education	(CT) Critical Thinking Exam	0									
	(HS) Historical Studies	3				OCC	HIS 1510 or 1520 or 1550				
	(AI) American Society & Instns	3				OCC	POL 1510				
	(SS) Social Science	3				OCC	GEO 1520				
	(FC) Foreign Culture	3				OCC	GER 2610 or RUS 2610				
	(VP) Visual & Performg Arts	3				OCC	ART1560 or HUM 1510 or MUS 1560,				
18	(PL) Philosophy & Letters	3				OCC	PHI 1610			18	
Total	128	0.00 <HPA in Div of E T				WSU =	0	Total Transfer =	0	Total Remaining =	128

**Note:**

- (1) Maximum 64 semester credits can be transferred from Community Colleges.
- (2) Transfer credits are subject to WSU Transfer Student Statute and may be revised.
- (3) Minimum 34 credits must be earned from WSU including 24 credits from Div. of Engineering Technology
- (4) WSU General Education Requirement includes: (a) Competency Requirement for BC, IC, OC, WI, MC, CL, CT, and (b) Group Requirement in HS, AI, SS, FC, VP, PL, PS, LS.

Advising: Karen Travis  
 313-577-0802

**Web Sites for Course Equivalency:**

- (1) Transfer Equivalency Tables:
- (2) Equivalent MCC Courses for General Education:

<http://www.transfercredit.wayne.edu/>

<http://www.et.eng.wayne.edu/prospective.html>

Select --> General Education Requirement --> Gen Ed -- Oakland Community College