Learning that works for Michigan
CTE™
Statewide Articulation Grant
Oakland Schools Region 18

YEAR: 2015	PSN: _____

State Approved CTE Program:
15.1301 Drafting and Design Technology/Architectural

Post-Secondary Program: Architectural Technology **Prgm. Degree:** BS: Bachelor of Science **Post CIP Code:** _____

School/College/University: Baker College **Notes:** _____

A well thought out Program of Study is merely a way for parents, students, and counselors to map out career/college readiness after high school for ultimate career success. All secondary coursework should meet graduation requirements; align with academic skills and interests, which may be pursued at the post-secondary level resulting in a certificate, apprenticeship, associate (2yr) degree or bachelor's (4yr) degree.

SECONDARY

Grade	English	Math	Science	Social Studies	Other Required or Related Courses / Electives	CTE Program Courses
9	English 9	Algebra 1	Biology	World History	PE / Health /WL	Drafting & Design Technology/Architectural
10	English 10	Geometry	Chemistry	US History	WL 2 or replace with full CTE Course	
11	English 11	Algebra 2	Physics	Economics		
12	English 12	4th Math	Anatomy	Government		

Articulated Credit(s)

ACT 101*
EGR 101*

*Post secondary credit earned
(Not all classes may apply to this Post Secondary program)

Post-Secondary Courses

Below is a sample representing courses within the program. Note: The order of offerings may vary. Please consult with the post-secondary counselor.

POST-SECONDARY

Year	GENERAL EDUCATION COURSES		PROGRAM MAJOR COURSES	
	1st Semester	2nd Semester	1st Semester	2nd Semester
13	ENG 101 Composition I INF 113 Electr. Spreadsheets INF 121 Intro to Windows MTH 111 Intro. Algebra SCI 215 Integrated Physics	ENG 102 Composition II INF 141A MS PowerPoint INF 161 Technology & Society MTH 112 Interm. Algebra PSY 231 Org. Psychology	ACT 101* Arch Drafting I ACT 102 Arch Drafting II ACT 103 Comp. Aided Drawing I ACT 202 Mech. Systems ACT 204B Builder License/Laws AT 311A Architectural History I AT 411 Advanced Code Analysis IND 301 Building Codes & Construction	ACT 104 Bldg Materials ACT 205 Comp. Aided Drawing II ACT 206 Commercial Drawing I ACT 207 Commercial Drawing II AT 312 Architectural History II MGT 211 Management & Supervision MGT 250 Conflict Management
14	HIS 331A European History I PSY 101 Human Relations SOC 201 Sociology SPK 201 Oral Communication WRI 301A Report Writing	HIS 411 Emerging Nations HUM 401A Philosophy of Ethics SOC 321 Cultural Diversity SPK 401 Presentational Speaking WRI 115 Workplace Communication	ACT 203 Const. Cost/Estimating AT 301 Fundamentals of Design AT 401 Architectural Design I AT 402 Architectural Design II AT 403 Architectural Design III AT 404 Architectural Design IV AT 405 Architectural Design V ISE 401 Industrial Cooperative Education MTH 124 Trigonometry	ACT 105A Surveying ACT 201 Structural Analysis ACT 211 Arch CAD Presentations AT 321 Structural Design I AT 322 Structural Design II AT 421 Building Systems (MEP) AT 431 Site Planning & Development AT 441 Professional Codes & Construction WRK 291B Prof. Career Strategies WRKTC 201 Work Experience
15	***If continuing on for a Bachelor's Degree:*** The **Michigan Transfer Agreement** (www.macrao.org) allows many General Education requirements to be transferred between postsecondary institutions. **Minimum Requirements:** Successfully complete at least 30 credits of coursework in six defined areas with at least a grade of 2.0 in each course. 1 course in English Composition / 1 additional course in English Composition or 1 course in Communication / 2 courses in Social Science/ 2 Courses in Humanities and Fine Arts / 2 Courses in Natural Science (1 with lab) / 1 course in Mathematics			
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Related Occupations

- ►Architect
- ►Building Code Official
- ►Building Designer
- ►Civil Engineer
- ►Code Official
- ►Cost Estimator
- ►Drafter
- ►Electrical Engineer
- ►Electronic Engineer
- ►Environmental Designer
- ►Environmental Engineer
- ►Fire Prevention and Protection Engineer
- ►Industrial Engineer
- ►Interior Designer
- ►Landscape Architect
- ►Materials Engineer
- ►Mechanical Engineer
- ►Regional and Urban Planner/ Designer
- ►Safety Director
- ►Specification Writer
- ►Structural Engineer
- ►Surveying and Mapping Technician

Related Certifications

Related Work Experience