

# Motorsports Engine Builder Certificate Program MEB1

Updated: 5/06/2015  
Effective Term: 201516

## Curriculum

### Program-Specific Core – Total of 10 Hours

MSVT 1000 *Intro Motorsports/Race Sys (3)*

MCHT 1011 *Intro to Machine Tool (4) - OR -*  
MSVT 1020 *Motorsports Machine Tool (4)*

MSVT 2010 *Engine Design Bldg/Testing (3)*

### Total: 10 Hours

### Program Description

The Motorsports Engine Builder technical certificate of credit prepares students for an entry level or apprenticeship in an engine building, testing, or machining facility. The program deals with assembly and disassembly of components, precision measurement of wear, and assembly procedures involved in blueprinting an engine. The program also covers related lubrication, cooling, and ignition systems and components used on modern racing engines. The course includes engine hook up to an engine dynamometer and proper engine break in and dyno testing.

### Program Specific Information

Students are accepted every semester based on course and space availability.

### Program Length & Availability

2 Semesters

Campus Availability: Oakwood

### Admissions Requirements

- Must be 16 years of age.
- High school diploma or GED is required prior to admission.  
*(Official transcripts or GED scores must be submitted from all colleges and/or high schools attended for credit.)*
- ACCUPLACER Testing, or submit SAT, ACT, CPE, COMPASS, or ASSET test scores.

### Financial Aid

This program is not eligible for the Pell Grant, but may be eligible for Institutional and State Financial Aid. Contact a Financial Aid Counselor for eligibility requirements and application materials.

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